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FIRE DEPARTMENT.

Report for the Quarter and Year ending December 31, 1884.

HEADQUARTERS FIRE DEPARTMENT—CITY OF NEW YORK,
NOS. 155 AND 157 MERCER STREET,
OFFICE BOARD OF COMMISSIONERS,
NEW YORK, February 21, 1885.

To the Honorable WILLIAM R. GRACE, Mayor of New York:

SIR—We have the honor to submit herewith the report of the operations and actions of this Department for the quarter ending December 31, 1884, with résumé for the year ending on the same date:

Number of each Grade of Officers and Employees on December 31, 1884.

Headquarters—	
Commissioners.....	3
Secretary and Assistant Secretary.....	2
Medical Officers.....	3
Bookkeeper and Clerks.....	8
Janitor.....	1
Watchman.....	2
	19
* Bureau of Chief of Department—Uniformed Force—	
Chief of Department.....	1
Assistant Chief of Department and Second Assistant Chief of Department.....	2
Chiefs of Battalion.....	13
Foremen.....	76
Assistant Foremen.....	81
Engineers of Steamer.....	58
Assistant Engineers of Steamer.....	51
Firemen.....	284
Privates—First Grade.....	57
Second Grade.....	87
Third Grade.....	226
	*936
Pilots on Fire Steamers (Engines 43 and 51), Ununiformed.....	4
Stokers on Fire Steamers (Engines 43 and 51), Ununiformed.....	6
Engineers on Fire Steamers (Engines 43 and 51), Ununiformed.....	4
	14
Bureau of Inspector of Combustibles—	
Inspector of Combustibles.....	1
Clerks.....	4
Surveyors.....	3
Oil Collectors.....	3
	11
Bureau of Fire Marshal—	
Fire Marshal.....	1
Clerks.....	4
	5
Bureau of Inspection of Buildings—	
Inspector of Buildings.....	1
Clerks.....	†26
Examiners.....	41
Messengers.....	†4
	72
Attorney to the Department.....	1
Fire Alarm Telegraph—	
Superintendent of Telegraph.....	1
Chief Operator.....	1
Operators.....	3
Assistant Operators.....	4
Clerks.....	3
Batteryman and Assistant Batteryman.....	2
Foreman.....	1
Linemen.....	2
	17
Repair Shops—	
Superintendent of Repairs to Buildings.....	1
Foreman.....	1
Storekeeper.....	1
Clerks.....	3
Messengers.....	3
Shop Engineer.....	1
Chief Machinist.....	1
Machinists.....	23
Machinists' Helpers.....	6
Collar-maker.....	1
Blacksmiths.....	4
Blacksmiths' Helpers.....	6
Wheelwrights.....	6
Harness-makers.....	3
Hose Repairers.....	2
Painters.....	6
Watchmen.....	4
Drivers.....	2
	74
Hospital Stables—	
Foreman.....	1
Stablemen.....	5
	6
Aggregate.....	1,155

* Includes one Chief of Battalion, two Foremen, one Assistant Foreman, one Engineer of Steamer, eleven Firemen, and one Private relieved from service at fires, under section 14, chapter 742, Laws of 1871, as amended by chapter 119, Laws of 1879, and re-enacted by section 519, chapter 410, Laws of 1882.

† Includes three detailed for duty as assistants to the Attorney.

‡ Includes one detailed to Attorney.

Number of Changes by Resignation, Discharge, Death, Promotion, Appointment, etc., in each Grade during the Year.

GRADE.	LOSS BY—								GAIN BY—						Relieved from Service at Fires.
	Position Abolished.	Resignation.	Discharge.	Dismissal.	Retirement.	Promotion.	Death.	Transfer.	Appointment.	Promotion.	Restoration.	Assignment.	Employment.	Total.	
Chief of Department.....					1				1	1				1	
Assistant Chief of Department.....						1			1	1				1	
Second Assistant Chief of Department.....						1			1	1				1	
Chiefs of Battalion.....					2	1			3	3				3	
Foremen.....		2			7	3			13	15	1			17	
Assistant Foremen.....					7	14			21	22				22	
Engineers of Steamer.....					1	1			3	3				3	
Assistant Engineers of Steamer.....					5	5			10	9				11	
Firemen.....			2	15	12	2			31					3	
Privates, First Grade.....		1			3				5	31				31	
Second Grade.....		2		5	1	33	3		44	42				42	
Third Grade.....		2		10	1	54	2		69	109	2			111	
Engineers (Marine).....									1					1	
Pilots.....									1	1				1	
Stokers.....									1					1	
Clerks.....								1	1	2	8	8	1	1	18
Superintendent of Horses.....									1						
Assistant to Fire Marshal.....									1						
Examiners.....			2				2		4	28				28	
Messengers and Copyists.....						4			5	5				5	
Surveyors.....						1			1						
Oil Collectors.....			3						3	3			1	4	
Inspector Fire Alarm Boxes.....						1			1						
Messengers.....		2				2			4	4	1			5	
Janitors.....								*	1	1				1	
Chief Machinist.....										1				1	
Machinists.....			1	1		1			3	5				5	
Machinists' Helpers.....									3					3	
Blacksmiths.....			1	1					2	1				1	
Blacksmiths' Helpers.....			2						2	2				2	
Wheelwrights.....			2	2					4	3				3	
Harness-makers.....									2					2	
Painters.....			2						2	2				2	
Watchmen.....				1					1	1				1	
Drivers.....				1					2	1				1	
Totals.....	2	21	10	19	40	138	11	3	244	182	138	4	2	328	3

* Position vacated, appointed Private, 3d Grade.

Net aggregate gain, 84.

Register of Officers of the Uniformed Force on December 31.

PRESENT GRADE.	NAME.	Age.	ORIGINAL APPOINTMENT.		PROMOTION.	
			Grade.	Date.	Grades.	Dates.
1. Chief of Department.....	Shay, Charles O.....	30	Foreman.....	Sept. 25, 1865	District Engineer.....	June 1, 1869
					Assistant Chief of Department.....	May 19, 1873
					Chief of Department.....	May 1, 1884
2. Ass't Chief of Department.....	Bonner, Hugh.....	27	".....	Sept. 18, 1865	Chief of Battalion.....	May 21, 1873
					Assistant Chief of Department.....	May 1, 1884
3. 2d Ass't Chief of Department.....	McCabe, John.....	26	* Fireman.....	Sept. 26, 1866	Assistant Foreman.....	Dec. 1, 1873
			Fireman.....	July 1, 1873	Foreman.....	July 1, 1874
					Chief of Battalion.....	May 16, 1881
					2d Assistant Chief of Department.....	May 1, 1884
4. Chief of Battalion.....	Gicquel, Benjamin A.....	24	Fireman.....	Oct. 16, 1865	Assistant Foreman.....	Jan. 22, 1866
					Foreman.....	June 1, 1866
					District Engineer.....	July 1, 1871
					Chief of Battalion.....	May 21, 1873
5. Chief of Battalion.....	Rowe, William.....	24	Foreman.....	Oct. 20, 1865	Chief of Battalion.....	May 21, 1873
6. Chief of Battalion.....	Fisher, John S.....	34	Fireman.....	Feb. 9, 1868	Assistant Foreman.....	June 1, 1868
					Foreman.....	July 15, 1869
					Chief of Battalion.....	May 21, 1873
7. Chief of Battalion.....	Campbell, Samuel.....	25	".....	Oct. 16, 1865	Assistant Foreman.....	Aug. 1, 1869
					Foreman.....	Feb. 1, 1873
					Chief of Battalion.....	Sept. 23, 1875
8. Chief of Battalion.....	Reilly, Francis J.....	25	".....	Sept. 27, 1865	Assistant Foreman.....	Oct. 15, 1870
					Foreman.....	July 1, 1871
					Assistant Foreman.....	May 1, 1872
					Foreman.....	June 6, 1872
					Chief of Battalion.....	Feb. 1, 1880
9. Chief of Battalion.....	Bresnan, John J.....	22	".....	Dec. 1, 1865	Assistant Engineer of Steamer.....	Mar. 16, 1871
					Assistant Foreman.....	July 1, 1871
					Foreman.....	Mar. 1, 1873
					Chief of Battalion.....	Feb. 1, 1880

* Resigned, November 12, 1867.

† Reduced to Fireman, April 1, 1872.

PRESENT GRADE.	NAME.	ORIGINAL APPOINTMENT.		PROMOTION.		PRESENT GRADE.	NAME.	ORIGINAL APPOINTMENT.		PROMOTION.	
		Age.	Grade.	Date.	Grades.			Age.	Grade.	Date.	Grades.
10. Chief of Battalion	Reeves, Michael F.	27	Fireman	Apr. 20, 1867	{ Assistant Foreman. Foreman Chief of Battalion..	45. Foreman	Shay, Charles H.	21	Private	Nov. 21, 1877	{ Fireman..... Assistant Engineer of Steamer..... Engineer of Steamer Assistant Foreman. Foreman.....
11. Chief of Battalion	Mahedy, Francis	29	"	July 3, 1872	{ Assistant Foreman. Foreman Chief of Battalion..	46. " "	Perley, Charles H.	22	"	Jan. 17, 1879	{ Assistant Foreman. Foreman.....
12. Chief of Battalion	Gooderson, Thomas	22	"	Feb. 1, 1874	{ Assistant Foreman. Foreman Chief of Battalion..	47. " "	O'Brien, Edward	25	Fireman	July 1, 1869	{ Assistant Foreman. Foreman.....
13. Chief of Battalion	Lally, Thomas	22	"	Aug. 15, 1870	{ Assistant Foreman. Foreman Chief of Battalion..	48. " "	Brown, Wm. W.	23	"	June 15, 1866	{ Assistant Foreman. Foreman.....
14. Chief of Battalion	Purroy, Henry D.	24	Private	Jan. 22, 1880	{ Foreman..... Assistant Foreman. Foreman Chief of Battalion..	49. " "	Byrne, Joseph P.	28	"	Oct. 1, 1871	{ Assistant Foreman. Foreman.....
15. Chief of Battalion	McGill, Joseph F.	23	Fireman	Mar. 21, 1866	{ Assistant Foreman. Foreman Chief of Battalion..	50. " "	Dwyer, John	27	"	Oct. 16, 1873	{ Assistant Foreman. Foreman.....
1. Foreman	Poynton, Joseph	26	Foreman	Sept. 8, 1865	.....	51. " "	Duane, William	28	"	Aug. 15, 1868	{ Assistant Foreman. Foreman.....
2. " "	Spence, Arnot	31	"	Oct. 20, 1865	.....	52. " "	Colby, Wm. J.	30	"	July 7, 1873	{ Assistant Foreman. Foreman.....
3. " "	Walton, James	31	"	Dec. 1, 1865	.....	53. " "	Searle, George S.	21	"	Nov. 15, 1874	{ Assistant Foreman. Foreman.....
4. " "	McNeill, Alexander	29	Ass't Foreman	Oct. 16, 1865	Foreman.....	54. " "	Shaw, Joseph	28	{ * Engineer of Steamer..... Ass't Engineer of Steamer.. }	Oct. 13, 1865 Feb. 1, 1874	{ Engineer of Steamer Assistant Foreman. Foreman.....
5. " "	Williams, Robert	40	Fireman	Dec. 1, 1865	{ Assistant Foreman. Foreman.....	55. " "	Cusick, George	24	Fireman	Apr. 22, 1869	{ Assistant Foreman. Foreman.....
6. " "	Donohue, Patrick	26	"	Sept. 27, 1865	{ Assistant Foreman. Foreman.....	56. " "	Dusenberre, Austin C.	25	"	Sept. 15, 1873	{ Assistant Foreman. Foreman.....
7. " "	Best, Samuel	32	"	June 14, 1866	{ Assistant Foreman. Foreman.....	57. " "	Short, Peter H.	26	"	May 1, 1875	{ Assistant Foreman. Foreman.....
8. " "	Shaw, William	27	Ass't Foreman	Oct. 4, 1865	Foreman.....	58. " "	McAdams, Henry W.	23	"	Sept. 18, 1874	{ Assistant Foreman. Foreman.....
9. " "	McCormick, Jas. A.	27	Fireman	Oct. 6, 1865	{ Assistant Foreman. Foreman.....	59. " "	Gleason, Luke	25	{ † Fireman..... Fireman.....	Jan. 1, 1869 Dec. 1, 1872	{ Assistant Foreman. Foreman.....
10. " "	Castles, John	27	"	July 27, 1866	{ Assistant Foreman. Foreman.....	60. " "	Murray, Henry	24	{ † Fireman..... Fireman.....	Oct. 13, 1865 Dec. 17, 1874	{ Assistant Foreman. Foreman.....
11. " "	Kehoe, John H.	25	"	Oct. 20, 1865	{ Assistant Foreman. Foreman.....	61. " "	{ Gooderson, Fred- { erick W., Jr.. }	23	Private	Oct. 13, 1879	{ Assistant Engineer of Steamer..... Assistant Foreman. Foreman.....
12. " "	McLaughlin, Wm.	29	"	May 22, 1868	{ Assistant Foreman. Foreman.....	62. " "	McCutchen, James	31	Fireman	Sept. 18, 1865	{ Assistant Foreman. Foreman.....
13. " "	Erb, Geo. W.	23	"	Oct. 11, 1865	{ Assistant Foreman. Foreman.....	63. " "	Hart, Michael	28	"	Oct. 20, 1865	{ Assistant Foreman. Foreman.....
14. " "	Hayes, Wm. F.	27	{ * Fireman..... Fireman.....	July 31, 1865 Apr. 1, 1866	{ Assistant Foreman. Foreman.....	64. " "	Connolly, Patrick J.	28	"	Jan. 15, 1873	{ Assistant Foreman. Foreman.....
15. " "	Landers, Wm. H.	41	Fireman	Sept. 29, 1865	{ Assistant Foreman. Foreman.....	65. " "	McCabe, Hugh D.	25	Private	Feb. 9, 1882	{ Assistant Foreman. Foreman.....
16. " "	Wolff, Charles A.	33	"	Mar. 21, 1866	{ Assistant Foreman. Foreman.....	66. " "	Shea, Joseph	29	Foreman	May 20, 1884	.....
17. " "	Meagher, Daniel J.	23	"	Oct. 6, 1865	{ Assistant Foreman. Foreman.....	67. " "	Cosgrove, James	21	Private	Jan. 1, 1878	{ Assistant Engineer of Steamer..... Assistant Foreman. Foreman.....
18. " "	Kelly, Charles L.	24	"	Sept. 27, 1865	{ Assistant Foreman. Foreman.....	68. " "	Falvey, John	21	{ Fireman..... ".....	Mar. 11, 1871 July 18, 1874	{ Assistant Foreman. Assistant Foreman. Foreman.....
19. " "	Vetter, Peter, Jr.	26	"	Oct. 27, 1865	{ Assistant Foreman. Foreman.....	69. " "	McDonald, Alex'r.	28	{ † Fireman..... Fireman.....	July 31, 1865 June 12, 1873	{ Assistant Foreman. Foreman.....
20. " "	Cowie, John A.	30	Ass't Foreman	Sept. 14, 1865	Foreman.....	70. " "	Scannell, Edward A.	24	Private	Apr. 7, 1881	{ Assistant Foreman. Foreman.....
21. " "	Jones, Henry M.	27	"	Sept. 27, 1865	"	71. " "	Binns, John	25	"	Mar. 22, 1882	{ Assistant Foreman. Foreman.....
22. " "	Ward, John	25	Fireman	Sept. 25, 1865	{ Assistant Foreman. Foreman.....	72. " "	Golden, John J.	27	Fireman	Dec. 18, 1874	{ Assistant Foreman. Foreman.....
23. " "	Sattler, John	29	"	Oct. 20, 1865	{ Assistant Foreman. Foreman.....	73. " "	Barry, James	24	{ ** Hoseman..... Fireman.....	Jan. 20, 1874 Feb. 12, 1876	{ Assistant Foreman. Foreman.....
24. " "	Sheridan, Philip	23	"	Oct. 20, 1865	{ Assistant Foreman. Foreman.....	74. " "	Sullivan, Thomas	26	{ †† Dist. Engineer Foreman.....	Sept. 6, 1865 Aug. 23, 1884	.....
25. " "	Connor, David	23	"	July 31, 1865	{ Assistant Foreman. Foreman.....	1. Ass't Foreman	Schuck, Henry	33	Fireman	Sept. 2, 1865	Assistant Foreman
26. " "	King, Frank	27	"	Jan. 15, 1868	{ Assistant Foreman. Foreman.....	2. " "	Smith, Edward S.	23	"	Sept. 11, 1865	"
27. " "	Welsh, John	23	"	Oct. 11, 1865	{ Engineer of Steamer Assistant Foreman. Foreman.....	3. " "	Heany, James	25	"	Oct. 20, 1865	"
28. " "	Chambers, Charles	31	{ Engineer of Steamer.....	Sept. 14, 1865	{ Assistant Foreman. Foreman.....	4. " "	Hicks, Matthew	25	"	Aug. 12, 1868	"
29. " "	Perley, Hamilton F.	21	{ Ass't Engineer of Steamer.. }	Mar. 15, 1873	{ Assistant Foreman. Foreman.....	5. " "	Riordan, John	25	"	Sept. 26, 1866	"
30. " "	Judge, Thomas	32	Fireman	June 29, 1866	{ Assistant Foreman. Foreman.....	6. " "	Lynar, Andrew	28	"	Jan. 23, 1868	"
31. " "	Monroe, James H.	29	"	Oct. 16, 1865	{ Foreman..... District Engineer. Chief of Battalion. Foreman.....	7. " "	Brennan, Terrence P.	23	"	Oct. 6, 1865	"
32. " "	Hamblett, Roger B.	21	"	Sept. 11, 1865	{ Assistant Foreman. Foreman.....	8. " "	McNamee, Charles	28	"	July 1, 1869	"
33. " "	Kittson, Hugh	28	"	Sept. 25, 1865	{ Assistant Foreman. Foreman.....	9. " "	Jones, Walter H.	25	"	Oct. 21, 1870	"
34. " "	Van Horn, Thomas J.	26	"	May 6, 1871	{ Assistant Foreman. Foreman.....	10. " "	Conaghan, Patrick	23	"	Oct. 20, 1865	"
35. " "	Egan, John J.	25	"	Sept. 11, 1865	{ Assistant Foreman. Foreman.....	11. " "	Braisted, Wm. C.	25	"	July 3, 1872	"
36. " "	Fisher, Isaac	21	{ † Engineer of Steamer..... Ass't Engineer of Steamer.. }	Oct. 1, 1869 Nov. 1, 1872	{ Assistant Engineer of Steamer..... Assistant Foreman. Foreman.....	12. " "	Campbell, James A.	27	"	Sept. 29, 1865	"
37. " "	Wray, Robert	23	Fireman	Oct. 16, 1865	{ Assistant Engineer of Steamer..... Assistant Foreman. Foreman.....	13. " "	Moore, Edward S.	31	"	Oct. 16, 1865	{ †† Ass't Foreman... Assistant Foreman.
38. " "	Bradley, Daniel	30	"	Mar. 21, 1866	{ Assistant Foreman. Foreman.....	14. " "	Louis, Albert F.	24	"	Sept. 14, 1865	{ Assistant Engineer of Steamer..... Engineer of Steamer Assistant Foreman.
39. " "	Cashman, John J.	22	"	Oct. 17, 1865	{ Assistant Foreman. Foreman.....	15. " "	Burnett, Henry	33	"	Sept. 22, 1865	Assistant Foreman
40. " "	Birmingham, Wm.	34	"	Dec. 15, 1873	{ Assistant Foreman. Foreman.....	16. " "	Siegmann, Louis L.	24	"	Feb. 8, 1871	"
41. " "	Farrell, Robert R.	26	{ † Ass't Engin'r of Steamer.. Ass't Engineer of Steamer.. }	Nov. 1, 1871 Mar. 15, 1873	{ Assistant Foreman. Foreman.....	17. " "	Cartright, Stephen	27	"	Aug. 1, 1871	"
42. " "	Conlon, Thomas	23	Fireman	June 10, 1870	{ Assistant Foreman. Foreman.....	18. " "	Flock, Wm. F.	27	Ass't Foreman	Sept. 8, 1865	§§ Foreman.....
43. " "	Golden, Hugh J.	27	"	Feb. 1, 1874	{ Assistant Foreman. Foreman.....	19. " "	Neubauer, Michael	24	Fireman	Oct. 1, 1872	Assistant Foreman
44. " "	Fleming, Wm. H.	22	"	Oct. 17, 1870	{ Assistant Foreman. Foreman.....	20. " "	Carey, Francis	25	"	June 4, 1868	"
						21. " "	Cook, Martin	23	Hoseman	Jan. 1, 1870	{ Assistant Engineer of Steamer..... Engl cer of Steamer Assistant Foreman. Foreman.....

* Resigned, January 15, 1866.
† Reduced to Foreman, February 15, 1875.

‡ Resigned, May 21, 1872.
§ Resigned, May 21, 1872.

* Resigned, October 16, 1871.
† Resigned, June 1, 1872.
‡ Resigned, March 31, 1869.
§ Dismissed, June 19, 1874.
|| Resigned, June 8, 1872.

** Resigned, July 1, 1875.
†† Dropped, May 21, 1873.
‡‡ Reduced to Ranks, May 9, 1866.
§§ Reduced to Assistant Foreman, June 24, 1874.
||| Reduced to Assistant Foreman, December 2, 1875.

PRESENT GRADE.	NAME.	Age.	ORIGINAL APPOINTMENT.		PROMOTION.		Year of Entry into the Uniformed Force of Officers and Members in Active Service on December 31.				
			Grade.	Date.	Grades.	Dates.	APPOINTED IN.	OFFICERS.	ENGINEERS AND ASSISTANT ENGINEERS.	FIREMEN AND PRIVATES.	TOTAL.
22. Ass't Foreman.	Wright, Aug. H....	29	Fireman.....	May 5, 1875	Assistant Foreman.	May 1, 1876					
23. "	Kruger, Chas. W., Jr.	22	Assistant Engineer of Steamer....	July 3, 1872	"	Sept. 27, 1877	1865.....	52	16	46	114
24. "	Kenehan, Richard F.	30	Fireman.....	July 1, 1875	"	Apr 3, 1878	1866.....	12	5	18	35
25. "	Finn, John.....	29	"	Sept. 26, 1866	"	Aug. 21, 1878	1867.....	1	2	3	6
26. "	McCarthy, Patrick..	25	"	June 15, 1872	"	Apr. 27, 1879	1868.....	9	6	12	27
27. "	Pesca, Oscar A.....	30	"	Sept. 14, 1865	{ Assistant Foreman. Assistant Foreman.	Jan 7, 1876 June 21, 1879	1869.....	6	7	17	30
28. "	O'Rourke, Owen....	26	† Fireman.....	Sept. 22, 1865	Assistant Foreman.	July 10, 1879	1870.....	5	1	19	25
29. "	Callaghan, Daniel H.	26	Fireman.....	Feb. 12, 1875	"	July 10, 1879	1871.....	11	4	12	27
30. "	Kenny, Thomas A...	29	"	Mar. 1, 1873	"	July 10, 1879	1872.....	10	3	25	38
31. "	Browning, Wm.....	21	Fireman.....	Apr. 23, 1869	{ Assistant Engineer of Steamer..... Ass't Engineer of Steamer..... Assistant Foreman.	June 1, 1871 Aug. 1, 1874 Feb. 1, 1880	1873.....	15	8	57	80
32. "	Conry, Matthew D...	25	Fireman.....	Sept. 1, 1872	Assistant Foreman.	Feb. 1, 1880	1874.....	9	8	45	62
33. "	O'Reilly, Patrick H.	23	"	Aug. 21, 1875	"	July 20, 1880	1875.....	13	9	26	48
34. "	Kerrigan, Francis...	29	"	May 1, 1875	"	Sept 16, 1880	1876.....	3	1	9	13
35. "	Teal, Henry.....	21	"	Aug. 1, 1871	"	Sept. 22, 1880	1877.....	5	13	6	24
36. "	Case, Wright, Jr...	25	"	May 1, 1875	"	Nov. 12, 1880	1878.....	1	1	3	5
37. "	Ahearn, Thomas J...	23	"	May 9, 1873	"	Apr. 1, 1881	1879.....	2	6	8	16
38. "	McCarthy, John.....	29	"	Sept. 15, 1871	"	June 9, 1881	1880.....	2	6	35	43
39. "	Tully, Edward G....	29	Private.....	May 13, 1880	"	July 1, 1881	1881.....	6	4	42	52
40. "	Moss, Joseph.....	25	Fireman.....	Dec. 1, 1871	"	Nov. 1, 1881	1882.....	3	3	59	65
41. "	Gerity, James J....	24	"	Feb. 1, 1874	"	Nov. 1, 1881	1883.....	1	1	97	99
42. "	Kelly, Thomas.....	23	§ Fireman.....	Sept. 18, 1865	Assistant Foreman.	Nov. 25, 1881	1884.....	3	4	103	110
43. "	Hyde, David.....	27	Fireman.....	June 15, 1867	"	Mar. 22, 1882					
44. "	Farley, Thomas.....	25	|| Fireman.....	May 15, 1868	Assistant Foreman.	Apr. 10, 1882					
45. "	Murphy, John.....	24	Fireman.....	Sept. 1, 1869	"	Aug. 7, 1882					
46. "	Aiken, Alex. D.....	24	"	July 19, 1871	"	Dec. 1, 1882					
47. "	McAvoy, Michael...	25	"	Dec. 1, 1865	"	Dec. 31, 1882					
48. "	Barber, John.....	26	"	Nov. 3, 1870	"	Feb. 1, 1883					
49. "	White, John H.....	30	"	Jan. 2, 1875	"	Feb. 1, 1883					
50. "	Daniels, Clement L.	25	"	Oct. 11, 1873	"	Mar. 4, 1883					
51. "	Ryan, Ed. F.....	22	"	July 3, 1872	"	Mar. 6, 1883					
52. "	Murphy, Lawrence..	24	"	June 12, 1871	"	May 17, 1883					
53. "	Kennedy, Mathias T.	28	Private.....	Dec. 21, 1877	{ Assistant Engineer of Steamer..... Assistant Foreman.	Nov. 21, 1878 May 23, 1883					
54. "	Margison, Charles...	27	"	Jan. 22, 1877	{ Assistant Engineer of Steamer..... Assistant Foreman.	May 1, 1879 May 23, 1883					
55. "	Jones, Wm. H.....	29	Ladderman.....	Sept. 25, 1875	{ Private..... Assistant Foreman.	Apr. 1, 1878 May 23, 1883					
56. "	Needham, John T...	27	Private.....	Jan. 1, 1881	Assistant Foreman.	May 23, 1883					
57. "	Murphy, John McL...	23	"	Nov. 21, 1881	"	May 23, 1883					
58. "	O'Hearn, Thomas...	29	Fireman.....	June 12, 1875	"	July 1, 1883					
59. "	Hopper, Charles...	25	** Fireman.....	Mar. 2, 1870	Assistant Foreman.	Aug. 1, 1883					
60. "	Meehan, Edward....	24	Fireman.....	Feb. 12, 1876	"	Aug. 13, 1883					
61. "	Beckler, Jacob.....	24	"	Mar. 15, 1871	"	Nov. 1, 1883					
62. "	Autenreith, Chas. J.	25	Private.....	Feb. 12, 1881	{ Assistant Engineer of Steamer..... Assistant Foreman.	Dec. 17, 1881 May 20, 1884					
63. "	Hearn, John.....	24	Fireman.....	Sept. 11, 1865	Assistant Foreman.	May 20, 1884					
64. "	Head, Thomas.....	26	"	July 15, 1869	"	May 20, 1884					
65. "	Touhey, Martin J...	23	"	Mar. 15, 1872	"	May 20, 1884					
66. "	Frazer, Wm. D.....	24	"	July 3, 1872	"	May 20, 1884					
67. "	Donohue, Malachi...	24	Fireman.....	June 10, 1870	††	Oct. 17, 1872 May 20, 1884					
68. "	Gaffney, Andrew...	27	Fireman.....	Dec. 1, 1873	"	May 20, 1884					
69. "	Feris, Wm. R.....	27	"	Sept. 7, 1874	"	May 20, 1884					
70. "	Reed, Samuel.....	25	"	Sept. 1, 1875	"	May 20, 1884					
71. "	Quirk, William.....	27	Private.....	May 19, 1881	"	May 20, 1884					
72. "	Hennessey, William.	30	†† Fireman.....	Dec. 21, 1874	Assistant Foreman.	May 20, 1884					
73. "	Leonard, John H....	32	Private.....	Jan. 18, 1882	{ Fireman..... Assistant Engineer of Steamer..... Engineer of Steamer..... Assistant Foreman.	Apr. 13, 1877 Apr. 20, 1877 Oct. 4, 1878 Aug. 16, 1884					
74. "	Lawler, Daniel.....	24	Fireman.....	May 1, 1875	Assistant Foreman.	Aug. 16, 1884					
75. "	O'Grady, Joseph....	27	Private.....	Nov. 24, 1877	{ Assistant Engineer of Steamer..... Assistant Foreman.	Oct. 20, 1880 Aug. 16, 1884					
76. "	Crocker, Edward F...	21	"	June 22, 1884	Assistant Foreman.	Aug. 16, 1884					
77. "	Reilly, Bernard J...	27	Fireman.....	May 1, 1875	"	Aug. 21, 1884					
78. "	Reilly, Michael A...	22	Private.....	Apr. 4, 1881	"	Aug. 21, 1884					
79. "	McNamara, Mich'l J.	25	Fireman.....	Apr. 21, 1873	"	Aug. 27, 1884					
80. "	Kinsella, Henry.....	27	Private.....	Feb. 3, 1883	"	Aug. 27, 1884					

* Reduced to Fireman, March 1, 1877.
† Discharged while detailed as carpenter, January 1, 1875.
‡ Resigned, September 16, 1872.
§ Resigned, September 29, 1865.
|| Dismissed, August 10, 1869.
** Resigned, August 1, 1871.
†† Dismissed, November 23, 1873.
‡‡ Dismissed, October 19, 1876.

Alterations, Amendments and Additions to the Rules and Regulations.

NEW YORK, March 15, 1884.

(General Orders No. 2.)

A portable water-tank to furnish water from the rivers to the land engines, after being supplied therewith by the fire-boats, and a four-wheel hose tender with 600 feet of new rubber 3 1/4-inch hose, will be put in service on the 17th instant, and pending the preparation of the quarters of Engine Company No. 20, where they are to be permanently located, they will be temporarily placed in the quarters of Engine Company No. 27. The following rules will govern their use:

1. At any fire occurring within the distance of a half mile from the river-fronts where there is either a failure or scarcity of water, the officer will, in his discretion he deem it advisable, call for the tank, the tender and a fire-boat by means of the special call 18-1, followed first by the number of the station at which the tank is required to be placed, and second, by the number of the station on the river-front nearest to which the fire-boat is required to report, as for example: the fire being at Worth street and West Broadway, the call would be 18-1 (the preliminary signal or notice that the tank, tender and fire-boat will be required), 82 (the station at Washington and Jay streets, where the tank is to be placed), and 81 (the station at West and Harrison streets, where the fire-boat is to report).

2. When the special call is sent, the officer in command will at once dispatch a disengaged team of horses from among those at the fire, or elsewhere available, with a detail of two men, to bring the tank to the point designated.

3. Upon the receipt of the special call, the tender designated to co-operate will immediately proceed in advance of the tank to the point indicated for the latter, and stretch its hose by the nearest and best route towards the point on the river-front where the fire-boat lands.

4. The fire-boat, at the time designated to respond to alarms from the last station indicated in the call, shall at once proceed to the nearest available landing place thereto, and immediately stretch sufficient hose to connect with the hose from the tank.

5. When the officer in command determines upon sending the call he shall at once make all necessary arrangements by detailing officers and men, obtaining additional hose, and making such other dispositions as will secure prompt connection between the fire-boat, tank and land engines, and guard against interference with and damage to the lines of hose.

6. Nothing contained in section 1 of this order shall be construed to prevent the use of the tank, tender and fire-boat at a distance greater than a half mile from either river, or in any other way that may be deemed proper by the officer in command at any fire.

NEW YORK, March 31, 1884.

(General Orders No. 3.)

Paragraph LI. of General Orders No. 26, Office Board of Commissioners, series of 1881, is hereby countermanded and the following is substituted therefor:

LI.—The Automatic Signal Telegraph Company is authorized to transmit to the Central Office of this Department alarms for fire received from stations in connection with their system, in the following manner, viz.:

First, the preliminary signal 2-2-2, which is to indicate that an automatic signal is about to be received, then the number of the circuit, followed by the number of the building. For example, 2-2-2-5-2-9 ("Automatic Signal for Circuit 5, Station 29"), three rounds of which will be transmitted to the Central Office upon Circuit No. 74. Upon receipt of a signal of the above character the operator will transmit one round of the same upon the combination circuits in the usual manner, followed by one round upon the gong circuits. In the event of a fire signal being received from a street box simultaneously with one from the Automatic Company, preference must in all cases be given to the street box signal, and should it appear that both signals are for one and the same fire, then the sending of the automatic signal may be dispensed with. On the other hand, if in the judgment of the operator the two signals are for different fires, he will transmit the automatic signal in the manner specified as soon as the circuits are available for the purpose. Should an automatic signal be received and the company or companies due thereto be out of quarters, the operator will transmit a special automatic call for the next nearest engine company to proceed to the station indicated in the following manner, viz.: Nineteen (19) continuous strokes followed by the number of the company, the number of the circuit, and the number of the station. Upon receipt of an automatic alarm or special call, commanding officers will consult the Automatic Assignment Book, and on completion of the signal upon the gongs the company or companies assigned to the station will proceed thereto in the usual manner.

NEW YORK, May 20, 1884.

(General Orders No. 4.)

I.—It having been found that the badges issued for admission within the fire lines only were used for a variety of unauthorized purposes, the holders were notified to surrender them on or before April 30, 1884. A new badge was provided, and the Police Department, at the request of the Board, issued the following instructions:

OFFICE OF THE SUPERINTENDENT OF POLICE
OF THE CITY OF NEW YORK,
No. 300 Mulberry street.

NEW YORK, April 18, 1884.

General Order No. 261.

Captain.....Precinct.
.....

On and after May 1, 1884, you will exclude from within the Police lines at fires, any and all persons who do not prominently display a badge exactly like the design herewith, except the Mayor, Aldermen, the heads of all the Municipal Departments, the uniformed firemen and insurance patrolmen.



You will also, on and after May 1, 1884, take any and all badges formerly issued by the Fire Department from all persons attempting to make use of or displaying them, and send such badges to the Central Office. Attention is called to the following provisions of law:

CHAPTER 410 (CONSOLIDATION ACT), LAWS OF 1882.

Sec. 443. It shall be the duty of the Fire Department and of the Police Board, their respective officers and men, to co-operate together in all proper ways, and the said board and department may respectively provide for protection against fire, and for the arrest of all persons who may, at or near any fire, commit or attempt to commit any crime against the laws of this State, or violate any rule or regulation of said board or department.

Sec. 451. During the actual prevalence of any fire, it shall and may be lawful for the officers of the Police and Fire Departments to remove or cause to be removed and kept away from the vicinity of such fire, all idle and suspicious persons, and all persons not fit to be employed, or not actually and usefully employed, in their judgment, in aiding the extinguishment of such fire, or in the preservation of property in the vicinity thereof.

You will instruct the members of your command in the duties required of them under this order, so that its provisions may be strictly enforced.

The framed copy of this order you will cause to be hung up in the sitting-room of your station-house.

THOMAS W. THORNE, Acting Superintendent.

Inspector.....District.

II.—All officers, members and employees of this Department are hereby directed to aid in the enforcement of the above order, by calling the attention of the Police force to all infractions of its provisions.

III.—The new badge is, as is distinctly stated upon its face, to "admit only within fire lines," and cannot legitimately be used to admit to buildings or premises whether in or outside of the fire lines, or for any other purpose by any one than the purpose for which it was issued.

IV.—The badges are issued upon payment of a deposit of two dollars for each one, as follows:

To each local fire insurance company not more than three.

To each principal agency in this city of fire insurance companies located outside of the city, whether it be an agency of one or more companies, not more than two.

To each newspaper published in the city, or press association located therein, such a number as the Board may determine.

To such public officials and others as the Board may direct.

V.—The badges will also be issued, without deposit, to the officers of the uniformed force; and to other subordinates of the Department not in the uniformed force, without deposit, upon their application granted by the Board; in both cases on condition that the penalty for losing the badge shall be a fine of five dollars.

VI.—The Secretary is charged with carrying out the rules relating to the badges above referred to, and will render an account of the same to the Board, and of the deposits to the Treasurer, quarterly, on or before the tenth day of January, April, July and October of each year.

VII.—For the use of officers and members of the uniformed force detailed for duty in theatres, a badge of the accompanying design was adopted, which shall be known and designated as the Theatre Detail Badge, and be issued and used subject to the following rules:



1st. The Property Record Clerk will have charge of the badges, account for the same by their numbers, and issue them to the Assistant Chief of Department and Second Assistant Chief of Department upon their demand, in such numbers from time to time, as may be necessary; but all badges in excess of the regular number required and issued to them for extraordinary occasions, shall be returned to the Property Record Clerk without delay.

2d. The Assistant Chiefs of Department shall issue to company commanders the number required by them for details to be furnished, keeping a record of their numbers.

3d. The Company commanders shall keep the badges so issued to them, in their own possession until required for use by the officers or men detailed for this duty, who shall return them immediately upon reporting back therefrom. The number of each badge so furnished to details shall be recorded in the company journal, both at the time of leaving and returning to quarters.

4th. The badge shall be substituted for the coat badge during service on theatre detail and shall be worn on the left breast at the level of the second button from the top of the coat and midway between the centre of the body and the side.

5th. The use of the badge by any one except officers and members of the uniformed force, detailed for theatre duty, and in uniform, is prohibited.

6th. On the reports of duty performed by officers and members detailed for theatre duty, as prescribed by General Order No. 24, O. B. C., series of 1881, they shall also report by name or number, all officers or members of the uniformed force who may enter any part of a theatre in uniform during their tour of duty, giving the number of the theatre detail badge worn by such officers or members, if any.

7th. Theatre details shall also, during each tour of duty, inspect the framed instructions with sample theatre detail badge attached (two of which will be furnished to each theatre, with the request to conspicuously display one near the ticket taker's position and the other at the stage entrance), and report whenever they may be found out of place or order.

8th. In signing the report of duty performed at theatres, officers and members shall add the number of the badge worn by them.

9th. The penalty for losing a theatre detail badge is fixed at five dollars.

VIII.—A badge of office of the accompanying design was adopted for the ununiformed officials and subordinates of the Department, who may, in the judgment of the Board require it, the official title to be engraved upon the upper scroll with a number in the number plate where there is more



than one of the same grade. The badge is to be used only when necessary as an emblem of their official authority and position, and not to admit within the lines at fires. They will be issued and a record thereof kept by the Property Record Clerk. The penalty for the loss of the badge is fixed at five dollars.

NEW YORK, May 20, 1884.

(General Orders No. 5.)

I.—Article IV. of General Orders No. 31, O. B. C., series of 1881, is hereby countermanded, and the following is substituted therefor:

ARTICLE IV.

REQUISITIONS.

I.—All articles, materials and supplies required by any of the officers or employees of the Department responsible for public property, shall be called for by them on requisition (form 2) made and forwarded in duplicate through intermediate officers, with their approval or disapproval indorsed thereon, through the office of the Board to the Supply Clerk, who shall examine the same and submit them with his recommendations in writing indorsed thereon, to the chairman of the appropriate committee, accompanied by a schedule enumerating the requisitions and designating them by company, battalion, etc., and date. After the chairman of the committee has acted upon them, the requisitions, with the schedule, shall be referred by the President back to the Supply Clerk, with instructions to conform to the directions of the chairman of the committee.

The Supply Clerk shall, in conformity to the directions so received, issue upon the requisitions only such articles as he may have in store, and in case any of the articles called for are held for issue in the Repair Shops or elsewhere in the Department, he shall have power to authorize and direct the officers in charge to issue them and take proper receipts therefor. Articles called for on such requisition not on hand in the Department, and which it becomes necessary to purchase, are to be obtained in the manner specified in paragraph I., article XIII. of this order.

QUARTERLY REQUISITIONS.

II.—For all articles of supply enumerated in the subjoined list and used by the companies of the uniformed force and others, requisitions shall be made quarter-yearly (enumerating the articles in the same order as in the list), and be forwarded on the first Monday in January, April, July and October. No other articles shall be called for on the regular quarterly requisitions.

The maximum allowance for companies in the uniformed force is as follows, but smaller quantities will be called for whenever the maximum allowance is not absolutely needed:

Maximum allowance per quarter, except as otherwise stated.

	Engine Co.	H. & L. Co.
Coal, tons, as required.....	....	....
Wood, cords, as required.....	....	....
Hay, pounds per horse.....	1,200	1,200
Straw, pounds per horse.....	150	150
Oats, bags per horse.....	9	9
Feed, bags per horse.....	6	6
Blank forms, as required.....	....	....
Foolscap paper, quires.....	3	3
Letter paper, quires.....	3	3
Note paper, quires.....	3	3
Envelopes, official.....	50	50
Envelopes, letter.....	50	50
Black ink, bottles.....	1	1
Red ink, bottles.....	2	2
Mucilage, bottles.....	1	1
Blotters, number.....	24	24
Steel pens, dozens.....	2	2
Lead pencils, number.....	3	3
Cotton waste, pounds.....	* 30	* 30
Rotten stone, pounds.....	† 10	† 5
Oil meal, pounds per horse.....	5	5
Salt, quarts per horse.....	4	4
Sponges, number.....	† 6	† 6
Emery cloth, sheets.....	48	48
Axle grease, boxes.....	2	2
Matches, dozen boxes.....	3	3
Common soap, pounds.....	§ 20	§ 20
Castile soap, bars per horse.....	½	½
Kerosene wicks, dozen.....	1	1
Kerosene oil, gallons.....	|| 5	|| 5
Lubricating oil, gallons.....	3	1

SPECIAL REQUISITIONS.

III.—All other articles, not enumerated in the preceding paragraphs, must be called for on separate requisitions when needed.

IV.—In case the maximum allowance, specified in paragraph II. of this article, should be found insufficient, the additional quantity required must be called for on separate special requisitions, and the circumstances rendering the additional demand necessary must be clearly set forth upon the requisition or in a communication attached thereto. Such requisitions must not be made before the articles are actually needed.

V.—All special requisitions must be so indorsed on the outside, and be in duplicate.

VI.—Separate special requisitions must also be made on or before the 15th day of the month of June next, for the quantity of gas and horseshoeing required for the next succeeding six months. Beginning with December next, these requisitions shall hereafter be made annually on or before the 15th day of that month, for the quantity required for the next ensuing year. Only one copy of these requisitions will be required.

NEW YORK, May 20, 1884.

(General Orders No. 6.)

I.—Paragraph II. of General Orders No. 4, O. B. C., series of 1883, is hereby countermanded, and the following is substituted therefor:

II.—The Second Assistant Chief of Department is designated as Instructor of the School, with power to select two assistants from the uniformed force, to be detailed at his request by the Chief of Department.

II.—General Orders No. 8, O. B. C., series of 1882, are hereby countermanded.

* For double companies 10 pounds more.
† For double companies 6 more.
|| For double companies 5 gallons more.

† For double companies 5 pounds more.
§ For double companies 10 pounds more.

III.—The Examining Boards are hereby constituted as follows:

For applicants for promotion to the grade of Foreman and Assistant Foreman:

Assistant Chief of Department Hugh Bonner.
Second Assistant Chief of Department John McCabe.
Chief of Battalion William Rowe.
" John J. Bresnan.
" Francis J. Reilly.

For applicants for promotion to the grades of Engineer and Assistant Engineer of Steamer:

Second Assistant Chief of Department John McCabe.
Foreman John Castles, Repair Shops.
" John Welsh, Engine Company No. 8.
" Isaac Fisher, Engine Company No. 11.
Engineer of Steamer John H. Leonard, Engine Company No. 50.
" Timothy Ryan, Engine Company No. 22.

The Boards will each convene on notice from the senior officer, who will be Chairman.

IV.—Section 29 of paragraph V. of General Orders No. 13, O. B. C., series of 1881, is hereby countermanded, and the following is substituted therefor:

29. Applications for promotion must be made in the handwriting, and over the signature of the applicant, setting forth the length of his service in the various positions held in the Department, and his qualifications for the position to which he desires promotion; be addressed to the Board, and forwarded through the intermediate commanders for indorsement by them, and such application shall thereupon be referred to the proper Examining Board for examination and report as to the applicant's fitness. But no application for promotion or advancement in grade of a member below the grade of Chief of Battalion shall be considered unless the same is accompanied by a certificate to the effect that the applicant has successfully passed through both classes of the School of Instruction; and in addition thereto, in the case of applications for promotion to the grades of Engineer and Assistant Engineer of Steamer, the applicant shall apply for leave to attend at the Repair Shops for a period of thirty days during working hours, to study and familiarize himself with the construction of the various engines in use in this Department, and apply himself to the practical work of a machinist under the direction of the officer in charge of the Repair Shops. The President is authorized to have such leaves granted, and to have temporary vacancies caused thereby filled by detail where necessary.

NEW YORK, May 20, 1884.

(General Orders No. 7.)

I.—The following section is hereby added to paragraph X. (relating to the duties of Foremen) of General Order No. 13, O. B. C., series of 1881:

Sec. 35. Not permit card-playing or other games in quarters after midnight.

II.—Paragraph XII. of General Orders No. 20, O. B. C., series of 1881, is hereby countermanded and the following substituted therefor:

XII.—Any officer or member who may before the expiration of a leave of absence return to quarters and report himself present for duty to the commanding officer, shall be deemed to have abandoned the unexpired portion of such leave of absence and be regarded as present for duty. In the case of sick leaves such voluntary services shall not, however, be accepted without the sanction of the proper Medical Officer. And any officer or member who may, before the expiration of a leave of absence, attend at a fire and volunteer to aid in extinguishing it, shall first report to the officer in command of his company, if the company is present, or otherwise to the officer in command at the fire, who shall assign him to duty; and special report of the voluntary services so rendered shall be made to the Board by the officer to whom he reports.

III.—Paragraph II. of General Orders No. 19, O. B. C., series of 1881, is hereby countermanded and the following substituted therefor:

II.—The first, second, third and fifth tours shall each be performed by one man, and the fourth tour by two men, who shall be designated house watchman and assistant house watchman, respectively, and their names placed on the bulletin board. The commanding officers of companies will equalize the details for this duty, and if at any time there are less than nine (9) available men for watch duty, the assistant house watchman for the fourth tour may be dispensed with. The details for house watch shall enter upon the discharge of their duties promptly at the minute named, being called ten minutes before such time, and shall be properly uniformed and prepared five minutes before going on duty. Both the detail about to be relieved and the detail about to go on duty will be held responsible for the accuracy of the record in the journal while the change is being made. The only part of the uniform that will be insisted on for the men on the fourth tour will be coat, trousers and badge.

IV.—The following section is hereby added to paragraph XVIII. of General Orders No. 21, O. B. C., series of 1881:

9. A standard female hose coupling having been furnished to each company for the purpose, the small nozzles of all hydrants in the several company districts will be tested, on or before the 15th day of each month, by removing the cap and fitting the coupling to the thread of the nozzle. Whenever necessary, the threads of the nozzles (large as well as small on double hydrants) and the threads on the valve stems will be lubricated with oil and tallow. All defects found which cannot be remedied at the time of the inspection, will be immediately reported to the Chief of Department.

V.—Paragraph XIX. of General Orders No. 21, O. B. C., series of 1881, is hereby countermanded and the following is substituted therefor:

XIX.—All accidents, collisions, etc., resulting in loss of life or injuries to persons or damage to property, however slight, or other extraordinary or unusual occurrences of any nature, whether happening to officers or members of the Department or its apparatus, horses, hose, implements, etc., at any time or place, or to the persons of citizens, or to their property of any kind, in connection with the operations of the Department, while proceeding to, working at, or returning from fires or alarms, shall be reported by the company commanders to the Chief of Department without delay, as follows:

1. All such occurrences happening in connection with or incident to fire duty will be embraced in the reports of operations at fires, and all others will be made the subject of a special report.

2. Whenever loss of life, injuries to persons or damage to property results, the Chief of Battalion in whose district it occurred will at once make an investigation into the cause and responsibility for it, and the result, embracing a list of persons killed, of persons whose injuries resulted fatally up to the time of reporting, of persons so seriously injured as to incapacitate them for their ordinary avocations or labors and necessitating their confinement at home or in hospitals, etc., and of persons slightly injured; and in case of damage to property, the estimated amount of such damage.

NEW YORK, May 20, 1884.

(General Orders No. 8.)

All officers and members of the uniformed force who have passed and may hereafter pass the School of Instruction, shall as soon as practicable be assigned to the branch of the service for which the Instructor's certificate shows them to be best fitted; they shall not be transferred out of such branch of the service under any circumstances, or be detailed out of such branch of the service, except in cases of emergency, and upon all records and official papers they shall be designated as follows:

If certified to be best fitted for service in engine companies, with the letter (E.) in parenthesis after the name, in the case of new appointees, and with the letters (V. E.) if they volunteered for instruction.

If certified to be best fitted for service in hook and ladder companies, with the letter (H.) in parenthesis after the name, in the case of new appointees, and with the letters (V. H.) if they volunteered for instruction.

NEW YORK, June 10, 1884.

(General Orders No. 9.)

I.—The following is hereby substituted for section 1, paragraph I. of General Orders No. 20, O. B. C., series of 1881, as amended by paragraph I., General Orders No. 3, O. B. C., series of 1882, which is hereby countermanded:

1st. Chiefs of Battalion may obtain a leave of absence of twenty-four hours' duration once each week. All other officers may obtain as many regular leaves of absence as may be practicable under the provisions of this order, not, however, to exceed seventy-two hours in the aggregate in any one month; but no leave of absence shall be granted to a company officer during the absence of an officer of the same company on leave granted under the provisions of section 2 of this paragraph. All other members may each obtain as many regular leaves of absence of not more than twenty-four hours' duration each as may be practicable; in no case, however, is the number of such leaves to exceed three in each calendar month; and all such leaves (including those granted to officers) shall be made to terminate at or before 8 o'clock A. M.

II.—The officers designated to command battalions in the absence of the respective Chiefs of Battalion, by General Orders No. 1, as amended by Circular No. 2, O. B. C., current series, shall hereafter, when acting in that capacity at fires, wear a white fire cap.

(General Orders No. 10.)

NEW YORK, August 30, 1884.

II.—So much of paragraph I. of General Orders No. 7, O. B. C., series of 1883, as relates to section 4, title "Assistant Chief of Department," and to section 3, title "Second Assistant Chief of Department" of paragraph II., and all of paragraph IV. of General Orders No. 1, O. B. C., series of 1883, are hereby countermanded, and the following are substituted therefor:

II.—

ASSISTANT CHIEF OF DEPARTMENT.

4. He shall, under the Chief of Department, have command of the First, Second, Third, Fourth, Fifth and Sixth Battalions. The commanding officers of these battalions shall send their company, fire, and consolidated morning reports, and all other papers, heretofore sent to the Chief of Department direct, to the Assistant Chief of Department, so as to have them in his possession at or before 10 o'clock A. M., and he shall forward such papers, with proper indorsement and recommendations noted thereon, to the Chief of Department not later than 12 o'clock M. each day, unless actual duty at fires or fatigue caused thereby should prevent.

SECOND ASSISTANT CHIEF OF DEPARTMENT.

3. He shall, under the Chief or Acting Chief of Department, have command of the Seventh, Eighth, Ninth, Tenth, Eleventh, and Twelfth Battalions. The commanding officers of these battalions shall send their company, fire and consolidated morning reports, and all other papers, heretofore sent to the Chief of Department direct, to the Second Assistant Chief of Department, so as to have them in his possession at or before 10 o'clock A. M., and he shall forward such papers, with proper indorsements and recommendations noted thereon, to the Chief of Department not later than 12 o'clock M. each day, unless actual duty at fires or fatigue caused thereby should prevent.

IV.—There shall be twelve battalions in this Department, commanded by the chiefs of battalion, and consisting of the companies below designated:

First Battalion.—Chief of Battalion William Rowe commanding, with Headquarters at the quarters of Engine Company No. 29, No. 193 Fulton street.
Engine Companies Nos. 4, 6, 10 and 29, and Hook and Ladder Companies Nos. 10 and 15.
Second Battalion.—Chief of Battalion Charles D. Purroy commanding, with Headquarters at the quarters of Hook and Ladder Company No. 1, No. 26 Chambers street.
Engine Companies Nos. 7, 12, 31 and 32, and Hook and Ladder Company No. 1.
Third Battalion.—Chief of Battalion Joseph F. McGill commanding, with Headquarters at the quarters of Engine Company No. 20, No. 47 Marion street.
Engine Companies Nos. 13, 20 and 33, and Hook and Ladder Company No. 9.
Fourth Battalion.—Chief of Battalion Francis Mahedy commanding, with Headquarters at No. 180 Clinton street.
Engine Companies Nos. 9, 11, 15, 17 and 43, and Hook and Ladder Companies Nos. 6 and 11.
Fifth Battalion.—Chief of Battalion Thomas Lally commanding, with Headquarters at the quarters of Engine Company No. 30, No. 253 Spring street.
Engine Companies Nos. 24, 27 and 30, and Hook and Ladder Companies Nos. 5 and 8.
Sixth Battalion.—Chief of Battalion John J. Bresnan commanding, with Headquarters at the quarters of Hook and Ladder Company No. 3, No. 108 East Thirtieth street.
Engine Companies Nos. 5, 14, 25 and 28, and Hook and Ladder Company No. 3.
Seventh Battalion.—Chief of Battalion Benjamin A. Gicquel commanding, with Headquarters at the quarters of Engine Company No. 18, No. 132 West Tenth street.
Engine Companies Nos. 1, 3, 18, 19 and 51, and Hook and Ladder Company No. 12.
Eighth Battalion.—Chief of Battalion John S. Fisher commanding, with Headquarters at the quarters of Hook and Ladder Company No. 7, No. 217 East Twenty-eighth street.
Engine Companies Nos. 8, 16 and 21, and Hook and Ladder Companies Nos. 2 and 7.
Ninth Battalion.—Chief of Battalion Samuel Campbell commanding, with Headquarters at the quarters of Hook and Ladder Company No. 4, corner Forty-eighth street and Eighth avenue.
Engine Companies Nos. 2, 23, 26, 34 and 54, and Hook and Ladder Company No. 4.
Tenth Battalion.—Chief of Battalion Michael F. Reeves commanding, with Headquarters at the quarters of Engine Company No. 22, No. 150 East Eighty-fifth street.
Engine Companies Nos. 22, 39, 40, 44, 47 and 49, and Hook and Ladder Company No. 13.
Eleventh Battalion.—Chief of Battalion Francis J. Reilly commanding, with Headquarters at the quarters of Hook and Ladder Company No. 14, No. 120 East One Hundred and Twenty-fifth street.
Engine Companies Nos. 35, 36, 37, 38 and 53 (when organized), and Hook and Ladder Company No. 14.
Twelfth Battalion.—Chief of Battalion Thomas Gooderson commanding, with Headquarters at the quarters of Hook and Ladder Company No. 17, One Hundred and Forty-third street, near Third avenue.
Engine Companies Nos. 41, 42, 45, 46, 48, 50 and 52, and Hook and Ladder Companies Nos. 17 and 19.

III.—Upon the recommendation of the Chief of Department the following-named officers are hereby designated to command the several battalions in the absence of the respective Chiefs of Battalion:

Foreman George I. Crum, Engine Company No. 4, First Battalion.
" Peter H. Short, Hook and Ladder Company No. 1, Second Battalion.
" Robert Wray, Engine Company No. 20, Third Battalion.
" Thomas Judge, Engine Company No. 15, Fourth Battalion.
" Arnot Spence, Engine Company No. 27, Fifth Battalion.
" Daniel J. Meagher, Hook and Ladder Company No. 3, Sixth Battalion.
" William Shaw, Hook and Ladder Company No. 12, Seventh Battalion.
" John Sattler, Hook and Ladder Company No. 2, Eighth Battalion.
" David Connor, Engine Company No. 23, Ninth Battalion.
" Patrick Donohue, Engine Company No. 22, Tenth Battalion.
" Henry M. Jones, Hook and Ladder Company No. 14, Eleventh Battalion.
" John Ward, Engine Company No. 50, Twelfth Battalion.

Whenever either of the Foremen above named receives notice of intended absence from the Chief of Battalion, he will, at the proper time, turn over the command of his company to the Assistant Foreman or other officer to be by him designated, assume command of the battalion, perform all the duties of the Chief of Battalion until his return to duty, and be obeyed and respected accordingly.

V.—The provisions of this order will take effect at 8 A. M., 1st proximo.

NEW YORK, November 7, 1884.

(General Orders No. 12.)

I.—Title "Chief of Department," and sections 1 and 2, title "Assistant Chief of Department," and section 2, title "Second Assistant Chief of Department," all forming part of paragraph II., General Orders No. 1, O. B. C., series of 1883, are hereby countermanded, and the following is substituted for title "Chief of Department."

CHIEF OF DEPARTMENT.

The Chief of Department shall perform duty at all second and third alarms south of Fifty-ninth street, and at all other alarms at his discretion. He shall have power to assign all his subordinates, including the companies, to fire duty. But all changes made in such assignments shall be reported to the Board without delay.

II.—Sections 3, 4 and 5, title "Assistant Chief of Department," of paragraph II., General Orders No. 1, O. B. C., series of 1883, are hereby respectively renumbered 1, 2 and 3; and sections 3 and 4, title "Second Assistant Chief of Department," of paragraph II., General Orders No. 1, O. B. C., series of 1883, are hereby respectively renumbered 2 and 3, and all files of orders will be altered accordingly.

NEW YORK, December 3, 1884.

(General Orders No. 13.)

The following additions to paragraph XL., General Orders No. 26, O. B. C., series of 1881, are herewith promulgated and will be observed:

Engine Company No. 51.....	14 strokes and 5-1 strokes.
" 52.....	" 5-2 "
" 53.....	" 5-3 "
" 54.....	" 5-4 "
" 55.....	" 5-5 "
" 56.....	" 5-6 "
" 57.....	" 5-7 "
" 58.....	" 5-8 "
" 59.....	" 5-9 "
Steamboat "Thomas S. Brennan," Department Public Charities and	
Correction.....	" 6-9 "

NEW YORK, December 31, 1884.

(General Orders No. 15.)

The following rules in relation to the inspection of buildings by this Department are hereby prescribed and adopted:

I.—The Inspector of Buildings is required and directed to make reports of the operations and business transacted in his Bureau as soon after the close of each calendar month and of each quarter ending March 31, June 30, September 30 and December 31, as may be practicable, and he shall make immediate report in writing of all matters of extraordinary interest or importance requiring the attention or action of the Board.

II.—The Inspector of Buildings shall be directly responsible to the Board of Commissioners for the proper conduct and management of his Bureau. He is charged with the prompt execution and enforcement of all laws and ordinances; also, of all rules, regulations and orders of the Board of Fire Commissioners, general or special, so far as they are applicable to himself or his Bureau, and he shall keep an accurate record, in convenient form for reference, of the public business transacted therein.

III.—The Inspector of Buildings shall file in the Office of the Bureau of Inspection of Buildings, a statement in writing of his action and the reasons therefor in passing upon any question relative to the mode, manner of construction, alteration or repair of any building, when the same is not especially provided for by law.

IV.—The reports of Examiners (properly formulated) of violation, fire-escape, and unsafe building cases, shall be forwarded by the Inspector of Buildings as soon as practicable, with his recommendation thereon, together with the form of a proposed notice which he may deem proper to be issued in such cases.

V.—The following instructions for Examiners must be strictly observed:

RULES FOR THE GOVERNMENT AND INSTRUCTION OF THE EXAMINERS OF THE BUREAU.

1. They will report to the Inspector of Buildings, or in his absence to the Record Clerk, at the office of the Bureau, at 9 o'clock A.M. each day, except Sundays and legal holidays, prepared to hand in the reports of operations of the previous day in their respective districts, and upon receiving such instructions as may be given them will immediately proceed to the performance of duty within their respective districts, or to such special duty as may be assigned them.

2. Between the hours of 5.30 and 6 P.M. each day, except Saturdays and legal holidays, from March 1 to October 31, both inclusive, and between the hours of 4.30 and 5 o'clock P.M., except Saturdays and legal holidays, from November 1 to February 28, both inclusive, they will report for the purpose of receiving any instructions it may be necessary to communicate to them, at the quarters of the Engine or Hook and Ladder Companies which may be designated by the Inspector of Buildings.

3. On Saturdays they will report at the above places between 3.30 and 4 o'clock P.M.

4. Unless by permission, no Examiner will leave his district during working hours.

5. Each Examiner is required to keep a journal, in which will be entered daily the buildings visited, whether new buildings or buildings being altered, unsafe buildings or buildings requiring fire-escapes or proper means of exit. The time of visit and condition of the work must be noted in the journal, which must be signed by the Examiner daily before reporting at the district headquarters. The journal will be submitted to the Record Clerk each Monday morning for examination.

Books for the purpose will be furnished by the Bureau, and will be the property of the Department, and must be surrendered by the Examiner when leaving the Department.

6. Examiners will make a report each Monday morning of every violation and unsafe building in their respective districts.

7. Examiners are required to submit on the first day of each month, a report, on the forms provided for that purpose, of such new buildings and alterations to buildings that have been commenced and completed during the preceding month.

8. Reports must be in writing, on the forms provided by the Department, and be promptly presented at 9 o'clock A.M. Except where especially instructed, Examiners will not be permitted to write their reports in the office after that hour.

In cases of violations, the section of the law violated must be specified and the language of the law quoted; and as the forms are printed and easily understood, it is expected there will be no necessity for returning them to the Examiner for correction. No report will be received unless properly made. Any Examiner who does not feel qualified to properly make a report of a violation, fire-escape or unsafe building, will receive instructions upon application.

9. Examiners will be provided with copies of the laws relating to construction of buildings in this city, and it is expected they will become thoroughly familiar with the provisions of the same.

10. All buildings in process of erection or alteration in the respective districts must be examined daily to see if they are being erected or altered in conformity to the laws and according to the terms and conditions of the plans and specifications as approved.

Should the Examiner find a building or buildings being erected or altered without permit, he will so report and prefer a complaint against the persons so violating the law. Buildings in which bad materials are used will be reported, and the Examiner will state in his report how much, if any, of the wall or walls in which such materials were used, must be taken down.

Should the parties using bad materials fail to cause the removal of the same within twenty-four hours, they should be reported for prosecution by the Examiner.

When an application for a permit to put additional stories on a building, or to otherwise alter a building, is referred to an Examiner for examination, he will measure the height of the building, the thickness of walls on each story, the condition of foundation walls, and ascertain if they are built of good materials. The examination must include the nature of the ground on which the foundation walls are laid, and the kind of sand used in the mortar.

All examinations of buildings, whether of party-walls or buildings which it is proposed to repair or alter, and all examinations of theatres or other public buildings, to ascertain if there are sufficient means of egress, are to be promptly reported.

Examiners are required to make diligent search for unsafe buildings. When any unsafe building comes under the notice of, or is referred to an Examiner for investigation, he will make a full report thereon, giving the exact location of the building, name of owner and occupant, the purpose for which the building is used, and whether persons are living in it. The report will also state in what particular the building is unsafe, what is necessary to make it safe, and if there is danger of the building falling before legal proceedings can be taken for its removal.

The Examiners will report all buildings which require fire-escapes. When a report is made on any building requiring fire-escapes with balconies, the windows which are to open on the balconies, and the area and yard, if any, together with a diagram of the building, must also be submitted. They will, within three days after the completion of a fire-escape, make report thereof.

All cases in which the means of escape ordered are not provided within thirty days from the date of the memorandum thereof referred to the Examiner, must be returned by him for prosecution.

Examiners will give notice that all iron beams, lintels, or girders spanning openings over eight feet (or under nine feet), and all iron posts or columns on which a wall or a floor, or part of a floor, is supported, must be tested and marked with the weight each will safely sustain, by the manufacturer or founder thereof, under the supervision of an officer of the Department, before being used in any building.

The Inspector detailed to attend the testing will see that each piece is properly tested, and the safe load properly marked thereon with the Department mark and date of approval. The use of any ironwork as above specified on any building, unless the same be marked as above stated, is prohibited.

Examiners are required to report what ironwork is used on any and every building in their districts, and the weight which each piece is marked to sustain, so that it may be compared with the record in this office.

The building law requires that all walls of any building over fifteen feet high shall be built up and extended at least twenty-four inches above the roof, and shall be coped with stone or iron.

Examiners are advised that, in the opinion of the Inspector of Buildings, the law applies only to the walls which abut against an adjoining house of the same height, or a party-wall where the roofs of both houses are the same height, and that the said section is to be construed so as to exempt front and rear walls as above stated. All other side walls must be carried up above the roof at least four courses and coped with stone or iron, and in no case must there be less than two feet between the top of the wall and the lowest roof next adjoining.

No recesses will be allowed in twelve-inch party walls, nor recesses in outside twelve-inch walls more than four inches in depth; if the walls are sixteen inches, four-inch recesses will be allowed, and eight-inch recesses in twenty-inch walls and over; but, in all cases, the pipes must be filled in around perfectly tight for a distance of six inches above top of beams to a point six inches below the bottom of beams of each story, with gauged mortar or cement, so as to perfectly cut off drafts or passage of fire or smoke.

All furled walls must be plastered between beams, to prevent the passage of smoke or fire.

Leaders from roofs of houses must be erected so as to conduct the water to the sewer or to the street gutter in such manner as shall protect the walls and foundations from damage, and in no case shall the water from said leaders be allowed to flow upon the sidewalk.

11. All complaints referred to the Examiners must be examined and reported on immediately, on the forms provided for that purpose.

12. In addition to the daily inspection of work in progress in the Examiners' respective districts, they are required to inspect the buildings in such district, commencing at the southerly end, and continue from house to house until all the houses in such district are inspected, and report in writing daily, giving street and number, and such reports must state that the building is, or is not, in a safe condition.

It is intended that a record of the same shall be kept, with the name of the Examiner making the report.

13. On stormy days the Examiners will be required to remain in the office, unless specially detailed on important business which admits of no delay, when they will be instructed in their duties, and how to perform them in the most effective manner.

14. Making false reports, or failing to comply with the regulations as above, on the part of any Examiner, will be deemed sufficient ground for removal.

15. It shall be the duty of the Inspector of Buildings to report to the Board of Fire Commissioners any violation of these rules, or of duty on the part of any Examiner.

VI.—The following instructions for clerks in said Bureau shall be strictly observed:

RULES FOR THE GOVERNMENT AND INSTRUCTION OF THE CLERKS OF THE BUREAU.

1. The office work of this Bureau shall be divided into four classes, viz.:

First Class.—Plans of New Buildings and Alterations to Buildings.

Second Class.—Violations and Fire-escapes.

Third Class.—Unsafe Buildings.

Fourth Class.—Complaints.

Each class will be under charge of a clerk, heretofore designated for that purpose, who will be held responsible for all books and papers placed in his care, and for proper observance of the rules, as hereinafter provided.

2. The Clerk at the head of the First Class will have charge of all applications for erection of new buildings and alterations, etc., to buildings (including plans or drawings); reports of Examiners on condition of structures, index books of new buildings and alterations to buildings; special application book, dockets of new buildings and alterations to buildings, and blanks for use of persons applying for permits. He will see that all applications are ready for report by the Examiners, and will make a report monthly to the Record Clerk, of the number of applications of the several kinds approved, disapproved, amended and approved, and pending, and of all buildings and alterations to buildings, commenced, in progress, and completed.

3. The Clerk at the head of the Second Class will have charge of all violations and fire-escape cases and the violation and fire-escape books, and will be required to have the same written up. He will see that all notices for service in violation and fire-escape cases are properly made, and he will make report monthly of the number of violation and fire-escape cases received, the number in which the laws have been complied with, the number forwarded to the Attorney for prosecution and the number pending. He will also include in the monthly report the number of notices of the respective kinds prepared for service.

4. The Clerk at the head of the Third Class will have charge of all unsafe building cases and the unsafe index books and dockets, and will be required to have the same written up. He will receive all reports upon unsafe buildings and prepare for service the necessary notices and will make report monthly of all unsafe cases received, the number in which the law has been complied with, the number pending, the number in which surveys have been held and the number of notices prepared for service. He will also prepare for the Board of Underwriters a list of all unsafe buildings reported during the month.

5. The Clerk at the head of the Fourth Class will have charge of the complaints and complaint books, and will be required to have the same written up, and to have all complaints prepared for investigation by the Examiners. He will report monthly the number received, disposed of and pending.

6. It is expected that the work of the several classes will be completed at the close of office hours each day, so far as the same is practicable.

Notices made out before 3 o'clock each day will be of even date. Notices made out after 3 o'clock P.M. will be dated as of the following day.

All notices must be entered in the notice-book and be delivered for service to the Record Clerk before 9.15 A.M.

7. Examiners will make separate monthly reports of unsafe cases and general violation cases on forms Nos. 8 and 41. They will hand in to the respective clerks, the reports, etc., properly under their charge. All plans, reports, complaints, etc., received by the clerks in charge must be stamped with date of receipt at the office.

8. All books and papers must be returned to their proper places after use. Official papers will in no case be retained by the clerks or kept in the desks after office hours.

9. The attention of clerks and messengers is called to the rules promulgated by the Board of Commissioners in General Order No. 30, series of 1881, and they are informed that strict adherence to the same will be required.

VII.—All notices of violations of law and such other notices as may be necessary, shall be served by the messengers or any employee of the Bureau of Inspection of Buildings in a careful, exact and proper manner, and the proper returns of service of such notices shall be made immediately thereafter.

VIII.—The following instructions for making service of notices from the Bureau of Inspection of Buildings must be strictly observed:

1. Find the person addressed in the notice; inquire if he or she is interested in the property as stated, and if so interested serve the notice upon the person by delivering it to and leaving it with that person.

2. Do not leave the notice with any other than the person addressed.

3. If there is any error as to ownership, leaseholdship, executorship, etc., in the notice, return it with a memorandum of the correction required.

4. In the event of failure to find the person or persons addressed in the notice as owner or owners, after making diligent search and inquiry, post the notice in a conspicuous place on the premises described therein.

5. Make affidavit of service of notice, stating manner, time and place of such service, or in the event of failure to find the person or persons addressed, the particulars of the search and inquiry made, and of the posting of the notice on the premises described. The affidavit must be in the following form when the notice is served personally, viz:

SERVICE OF NOTICE.

Violation,
Unsafe,
Fire Escape,

Record No. (insert number).

City and County of New York, ss.:

..... of said city and county, being duly sworn, says that he is in the Bureau of Inspection of Buildings (as the case may be), in the Fire Department of the City of New York, and was duly authorized to serve the within notice; that on the day of 188 , at M., he served upon therein named, by delivering to and leaving with said in person, a notice, of which the within is a true and correct copy, and that he knows the person so served to be the same person described in said notice; and said admitted to deponent that he was (owner, or builder, or agent, etc., as the case may be), of the building therein described.

Subscribed and sworn to before me, this day of 188 .

Notary Public, New York County.

6. The affidavit must be in the following form when the notice is served by posting the notice upon the premises, viz.:

SERVICE OF NOTICE.

Violation,
Unsafe,
Fire Escape,

Record No. (insert number).

City and County of New York, ss.:

..... of said city and county, being duly sworn, in the Bureau of Inspection of Buildings (as the case may be), in the Fire Department of the City of New York, and was duly authorized to serve the within notice; that on the day of 188 , he posted a notice, of which the within is a true and correct copy, on the building therein described, having been unable to find (insert name) therein named, after diligent search for (him or her or them) (insert here the particulars of search and inquiry).

Subscribed and sworn to before me, this day of 188 .

Notary Public, New York County.

7. If the notice to be served is for the survey of an unsafe building (as provided in section 37 of chapter 625 of the Laws of 1871), service must be made in the manner heretofore prescribed at least twenty-four hours before, but not more than three days before the time fixed in said notice for such survey.

8. If a firm is addressed in a notice, personal service upon one member thereof is sufficient. In serving a firm or partnership, ascertain the names of the persons composing the firm, and state in the affidavit of service the name of the particular person served.

9. Where the party addressed is a corporation the notice must be served upon an officer thereof. 10. In serving corporations be particular to insert the name and title of the person served in the affidavit of the service.

IX.—All reports and returns of service of notices, etc., herein required, shall be forwarded direct to the Inspector of Buildings.

X.—The Chief Clerk of said Bureau of Inspection of Buildings will act as Clerk to the Board of Examiners, organized under the provisions of section 504, chapter 410, Laws of 1882, and keep a record of the proceedings of such Board, which shall be filed in the office of the Bureau of Inspection of Buildings, as provided by law. He shall report to the Inspector of Buildings for that purpose only from time to time.

XI.—The provisions of this order shall take effect immediately, and all rules, orders and directions heretofore made for the conduct of the Bureau of Inspection of Buildings inconsistent with the foregoing rules are hereby repealed.

XII.—General Orders No. 28, O. B. C., series of 1881, is hereby countermanded.

Changes in and Present Organization of the Uniformed Force.

New Companies.—Engine Companies Nos. 52 and 54 were organized and put in service respectively on August 30 and May 26, the former being located on Riverdale avenue, near the junction of Westchester avenue, and the latter at No. 304 West Forty-seventh street.

Double Companies.—Engine Companies Nos. 5, 18, 26 and 27 and Hook and Ladder Companies No. 5 were organized as double companies during the year, each was equipped with an additional set of apparatus and horses and the complement of men increased to eighteen.

As thus changed, the company organization, complement of officers and men, kind and number of apparatus and number of horses, was as follows. The number of alarms responded to and number of fires each company performed duty at is also given in this table:

COMPANY.	No. of Officers and Men.	APPARATUS AND HORSES.								Total No. of Horses.	No. of Alarms Responded to.	No. of Fires Performed Duty at.
		No. of Steam Fire-engines.	No. of Horses.	No. of Four-wheel Tenders.	No. of Horses.	No. of Two-wheel Tenders.	No. of Horses.	No. of Hook and Ladder Trucks.	No. of Horses.			
Engine 1.....	12	1	2	1	2	..	..	..	..	4	157	41
" 2.....	12	1	2	1	2	..	..	..	..	4	102	37
" 3.....	12	1	2	1	2	..	..	..	..	4	104	42
" 4.....	12	1	2	..	..	1	1	..	..	3	125	57
" 5.....	18	2	4	..	..	2	2	..	..	6*	157	48
" 6.....	12	1	2	..	..	1	1	..	..	3	110	47
" 7.....	16	1	2	..	..	1	1	..	..	5†	178	64
" 8.....	12	1	2	1	2	..	..	..	..	4	159	38
" 9.....	12	1	2	..	..	1	1	..	..	3	277	98
" 10.....	12	1	2	1	2	..	..	..	..	4	55	32
" 11.....	12	1	2	1	2	..	..	..	..	4	143	43
" 12.....	18	2	4	..	..	2	2	..	..	6*	211	79
" 13.....	18	2	4	..	..	2	2	..	..	6*	205	79
" 14.....	12	1	2	1	2	..	..	..	..	4	159	60
" 15.....	12	1	2	..	..	1	1	..	..	3	189	61
" 16.....	18	2	4	..	..	2	2	..	..	6*	172	48
" 17.....	12	1	2	..	..	1	1	..	..	3	290	87
" 18.....	18	2	4	1	2	1	1	..	..	7*	144	44
" 19.....	12	1	2	..	..	1	1	..	..	3	94	39
" 20.....	12	1	2	..	..	1	1	..	..	3	241	84
" 21.....	12	1	2	1	2	..	..	..	..	4	147	42
" 22.....	12	1	2	..	..	1	1	..	..	3	105	16
" 23.....	12	1	2	1	2	..	..	..	..	4	92	41
" 24.....	12	1	2	1	2	..	..	..	..	4	118	49
" 25.....	12	1	2	..	..	1	1	..	..	3	171	35
" 26.....	18	2	4	1	2	1	1	..	..	7*	151	45
" 27.....	18	2	4	1	2	1	1	..	..	7*	114	50
" 28.....	12	1	2	..	..	1	1	..	..	3	94	27
" 29.....	12	1	2	..	..	1	1	..	..	3	123	64
" 30.....	12	1	2	1	2	..	..	..	..	4	133	49
" 31.....	18	2	4	..	..	2	2	..	..	6*	183	71
" 32.....	12	1	2	..	..	1	1	..	..	3	91	57
" 33.....	18	2	4	..	..	2	2	..	..	6*	184	69
" 34.....	12	1	2	..	..	1	1	..	..	3	129	38
" 35.....	12	1	2	..	..	1	1	..	..	3	104	34
" 36.....	12	1	2	1	2	..	..	..	..	4	112	31
" 37.....	14	1	2	1	2	..	..	..	..	4‡	75	9
" 38.....	12	1	2	1	1	..	..	1	2	5	34	9
" 39.....	12	1	2	..	..	1	1	1	2	5	152	30
" 40.....	12	1	2	..	..	1	1	..	..	3	52	21
" 41.....	8	1	2	..	..	1	1	..	..	3	31	10
" 42.....	8	1	2	1	2	..	..	..	..	4	13	5
" 43.....	10§	..	..	..	..	..	..	..	..	..	103	12
" 44.....	12	1	2	1	2	..	..	..	..	4	123	31
" 45.....	8	1	2	1	2	..	..	..	..	4	7	4
" 46.....	8	1	2	1	2	..	..	..	..	4	6	4
" 47.....	12	1	2	1	2	..	..	1	2	6	39	7
" 48.....	12	1	2	1	2	..	..	1	2	6	10	4
" 49.....	10	1	2	..	..	1	1	1	4	4	4	1
" 50.....	12	1	2	1	2	..	..	1	2	6	22	10
" 51.....	11§	..	..	..	..	..	..	..	..	..	106	10
" 52.....	12	..	..	1	2	..	..	..	..	2	2	1
" 54.....	12	1	2	..	..	1	1	..	..	3	65	11
Hook and Ladder 1.....	12	..	..	..	..	..	..	1	2	2	288	188
" 2.....	12	..	..	..	..	..	..	1	2	2	288	103
" 3.....	16	..	..	..	..	..	..	1	2	4||	277	152
" 4.....	12	..	..	..	..	..	..	1	2	2	218	131

* Double Company. † Water Tower No. 1. ‡ Training Stables. § Marine Engine. || Water Tower No. 2.

COMPANY.	No. of Officers and Men.	APPARATUS AND HORSES.								Total No. of Horses.	No. of Alarms Responded to.	No. of Fires Performed Duty at.
		No. of Steam Fire-engines.	No. of Horses.	No. of Four-wheel Tenders.	No. of Horses.	No. of Two-wheel Tenders.	No. of Horses.	No. of Hook and Ladder Trucks.	No. of Horses.			
Hook and Ladder 5.....	18	..	..	..	..	..	..	2	4	4*	194	106
" 6.....	12	..	..	..	..	..	..	1	2	2	395	240
" 7.....	13	..	..	..	..	..	..	1	2	2	235	109
" 8.....	12	..	..	..	..	..	..	1	2	2	234	148
" 9.....	19	..	..	..	..	..	..	2	4	4*	373	183
" 10.....	12	..	..	..	..	..	..	1	2	2	185	122
" 11.....	12	..	..	..	..	..	..	1	2	2	188	107
" 12.....	12	..	..	..	..	..	..	1	2	2	239	107
" 13.....	13	..	..	..	..	..	..	1	2	2	150	68
" 14.....	12	..	..	..	..	..	..	1	2	2	121	77
" 15.....	12	..	..	..	..	..	..	1	2	2	88	62
" 17.....	10	..	..	..	..	..	..	1	2	2	71	28
" 19.....	8	..	..	..	..	..	..	1	2	2	12	12
Total	892	59	118	25	49	35	35	25	49	255	9,728	3,968

Average number of alarms responded to, 139.
Average number of fires performed duty at, 57.

The above companies are organized into twelve battalions, each consisting of from four to nine companies, commanded by a Chief of Battalion; the Assistant Chief of Department commanding the First, Second, Third, Fourth, Fifth and Sixth Battalions, and the Second Assistant Chief of Department commanding the Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth Battalions; the entire force being under the command of the Chief of Department.

Appropriations and Expenditures.

TITLE OF APPROPRIATION.	AMOUNT OF APPROPRIATION.	EXPENDITURES.	BALANCE.
For Salaries—			
Headquarters	\$46,580 00	\$44,576 95	\$2,003 05
Bureau Chief of Department.....	1,037,209 20	1,035,548 87	1,660 33
" Inspector of Combustibles.....	13,300 00	13,297 41	2 59
" Fire Marshal.....	7,400 00	7,400 00	.....
" Inspection of Buildings.....	78,700 00	77,814 95	885 05
Attorney	4,000 00	4,000 00	.....
Fire Alarm Telegraph.....	20,540 00	20,304 42	235 58
Repair Shops.....	58,000 00	57,997 92	2 08
Hospital Stables.....	7,000 00	5,540 63	1,459 37
Total salaries	\$1,272,729 20	\$1,266,481 15	\$6,248 05
For Apparatus, Supplies, etc.—			
Apparatus, horses, rents, supplies, etc.....	\$302,400 00	\$302,400 00	.....
New houses.....	111,000 00	111,000 00	.....
Total apparatus, etc., etc.....	\$413,400 00	\$413,400 00	.....
Grand total	\$1,686,129 20	\$1,679,881 15	\$6,248 05

Of the expenditures the following amounts were under contracts awarded upon proposals advertised for as provided by law:

Apparatus, Supplies, etc.—	
For forage.....	\$32,098 70
For fuel.....	25,140 00
For new boilers and repairs to fire-engines.....	7,800 00
For new fire-engines.....	23,550 00
For new hose tender.....	6,825 00
For new scaling ladders, etc.....	1,701 75
For new water tower.....	4,000 00
For new hose.....	28,400 00
Total	\$129,515 45
For new houses	103,427 00
Grand total.....	\$232,942 45

Amount of Bills and Pay-rolls Audited.

Bills for 1882.....	\$7,165 00
Bills for 1883.....	101,844 88
Bills for 1884.....	296,481 13
Total bills.....	\$405,491 01
Pay-rolls for 1884.....	1,266,440 90
Total bills and pay-rolls.....	\$1,671,931 91

Sale of Condemned Horses, etc., at Auction.

Nine horses.....	\$749 25
Materials, etc.....	716 85
Total	\$1,466 10

* Double Company.

Number and Character of Alarms, Manner of Receipt and Cause.

ALARMS.	MANNER OF RECEIPT.					CAUSE.														
	From Department Street Alarm-boxes.	Special Department Telegraph Signals.	Verbally.	Automatic Telegraph.	Total.	Accidents.	Cry of "Fire."	Error.	Exhibition of Department.	Explosions.	Fire outside of City.	Heat and disarrangement of Aut. Telegraph.	Ignorance.	Malicious mischief.	Not ascertained.	Reflection from stoves, etc.	Reflection of distant fire.	Smoke, etc., issuing from chimneys.	Fire.	Total.
Unnecessary.....	33	2	13	21	69	9	5	5	1	4	1	11	8	11	12	..	..	2	....	69
Indication of fire..	80	3	55	1	139	..	..	..	..	1	..	..	..	..	..	10	..	128	....	139
Fires.....	1,486	23	894	3	2,406	..	..	..	..	..	..	..	..	..	..	..	..	2,406	2,406	
Total.....	1,599	28	962	25	2,614	9	5	5	1	5	1	11	8	11	12	10	..	130	2,406	2,614

244 alarms were communicated by attachés of this Department, of which 237 proved to be for fires.

726	"	"	Police	"	680	"	"
564	"	"	District key-holders,	"	528	"	"
111	"	"	Citizen	"	104	"	"
969	"	"	all other means,	"	857	"	"
2,614	"	"	all the various means.	"	2,406	"	"

Statistics of Fires.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
In buildings—													
Confined to point of starting.....	219	177	192	189	155	203	158	130	151	155	170	239	2,138
Confined to building.....	16	7	8	21	13	13	9	9	16	14	17	21	164
Extended to other buildings.....	6	5	..	4	8	3	4	2	2	4	4	4	46
Number in buildings.....	241	189	200	214	176	219	171	141	169	173	191	264	2,348
In vessels.....	2	..	..	1	..	1	..	..	1	4	1	..	10
In other places (woods, etc.).....	4	1	3	3	12	5	5	2	2	6	3	2	48
Total.....	247	190	203	218	188	225	176	143	172	183	195	266	2,406
Discovered by—													
Attachés of Fire Department.....	24	20	11	18	27	24	21	14	19	18	17	24	237
Attachés of Police Department.....	67	58	61	60	50	48	49	45	54	54	67	67	680
District key-holders.....	67	45	52	57	41	51	35	24	37	36	36	47	528
Citizen key-holders.....	15	7	10	10	7	7	6	4	6	9	9	14	104
All other means.....	74	60	69	73	63	95	65	56	56	66	66	114	857
Total.....	247	190	203	218	188	225	176	143	172	183	195	266	2,406
Extinguished with—													
Buckets of water, etc.....	125	112	123	136	126	163	124	83	112	120	108	172	1,504
One engine stream.....	76	46	50	39	32	38	26	32	32	31	58	62	522
Two or three engine streams.....	33	29	23	26	19	15	21	23	23	24	22	23	281
More than three engine streams.....	13	3	7	17	11	9	5	5	5	8	7	9	99
Total.....	247	190	203	218	188	225	176	143	172	183	195	266	2,406
Extent of damage to buildings and vessels—													
Built mainly of brick, stone or iron:													
Slight.....	122	72	76	49	45	65	56	54	47	55	68	103	812
Considerable.....	12	3	5	12	10	3	3	4	6	10	7	8	83
Destroyed.....	1	..	1	..	1	..	..	1	2	..	2	8	8
Total.....	135	75	82	61	56	68	59	58	54	67	75	113	903
Built mainly of wood:													
Slight.....	9	16	10	20	14	13	10	8	12	8	9	18	147
Considerable.....	3	7	..	5	6	3	1	2	5	1	5	4	42
Destroyed.....	..	..	..	2	1	1	1	..	..	4	..	1	10
Total.....	12	23	10	27	21	17	12	10	17	13	14	23	199
Total buildings and vessels damaged.....	147	98	92	88	77	85	71	68	71	80	89	136	1,102
To which the damage was—													
Slight.....	131	88	86	69	59	78	66	62	59	63	77	121	959
Considerable.....	15	10	5	17	16	6	4	6	11	11	12	12	125
Destroyed.....	1	..	1	2	2	1	1	..	1	6	..	3	18
Number of fires resulting in damage to contents only; buildings or vessels not damaged.....	23	25	29	37	39	47	54	34	34	41	26	41	433
Number of fires resulting in nominal damage (less than \$10) to either structures or contents.....	68	57	57	73	66	85	55	44	62	67	53	82	769

Extent of and Damage by Fire for the Years 1881-1884.

Aggregate number of fires in buildings, 8,136, of which number 204, or two per cent., extended from the buildings in which the fire originated to others, and 196 buildings, or two per cent. (including buildings to which the fire extended), were destroyed.

Number of Fires occurring each Day of the Week, and during the Different Hours and Periods of the Day, by Months.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Monday.....	42	19	39	37	12	28	28	22	26	28	25	46	352
Tuesday.....	40	25	19	51	27	26	36	19	27	26	22	39	357
Wednesday.....	46	27	30	34	26	26	21	16	22	24	30	34	336
Thursday.....	27	27	31	21	40	22	28	12	22	29	31	36	326
Friday.....	36	40	20	28	27	34	26	22	28	23	28	25	337
Saturday.....	32	27	37	28	26	42	18	22	23	24	31	57	367
Sunday.....	24	25	27	19	30	47	19	30	24	29	28	29	331
Between the hours of—													
12 midnight and 1 a. m.....	10	14	4	5	5	10	8	9	13	4	10	8	100
1 a. m. and 2 a. m.....	9	3	7	5	6	1	5	4	6	6	3	8	63
2 a. m. and 3 a. m.....	7	5	7	12	6	2	8	7	5	7	8	5	79
12 midnight and 3 a. m.....	26	22	18	22	17	13	21	20	24	17	21	21	242
3 a. m. and 4 a. m.....	4	4	7	7	9	4	5	4	5	2	7	7	65
4 a. m. and 5 a. m.....	3	3	6	5	2	3	5	3	6	3	2	4	45
5 a. m. and 6 a. m.....	7	4	4	5	1	3	2	3	1	2	..	3	35
3 a. m. and 6 a. m.....	14	11	17	17	12	10	12	10	12	7	9	14	145
12 midnight and 6 a. m.....	40	33	35	39	29	23	33	30	36	24	30	35	387
6 a. m. and 7 a. m.....	7	4	3	2	2	3	3	2	6	..	3	3	38
7 a. m. and 8 a. m.....	5	3	3	7	4	5	8	3	1	3	6	4	52
8 a. m. and 9 a. m.....	11	3	6	11	9	6	6	1	..	4	2	1	60
6 a. m. and 9 a. m.....	23	10	12	20	15	14	17	6	7	7	11	8	150
9 a. m. and 10 a. m.....	8	4	4	12	4	7	8	8	3	4	4	14	80
10 a. m. and 11 a. m.....	15	9	9	14	6	9	12	5	3	5	8	13	108
11 a. m. and 12 m.....	8	3	8	7	7	8	5	3	7	10	6	9	81
9 a. m. and 12 m.....	31	16	21	33	17	24	25	16	13	19	18	36	269
6 a. m. and 12 m.....	54	26	33	53	32	38	42	22	20	26	29	44	419
12 midnight and 12 m.....	94	59	68	92	61	61	75	52	56	50	59	79	806
12 m. and 1 p. m.....	7	9	8	4	7	14	5	4	10	7	4	12	91
1 p. m. and 2 p. m.....	9	11	12	13	6	6	2	3	6	4	8	14	94
2 p. m. and 3 p. m.....	7	9	5	9	9	12	5	9	3	10	10	7	95
12 m. and 3 p. m.....	23	29	25	26	22	32	12	10	19	21	22	33	280
3 p. m. and 4 p. m.....	8	5	7	4	9	9	8	5	7	11	8	6	87
4 p. m. and 5 p. m.....	11	3	7	15	6	10	6	6	8	9	9	8	98
5 p. m. and 6 p. m.....	20	12	6	6	10	9	6	4	9	18	16	23	139
3 p. m. and 6 p. m.....	39	20	20	25	25	28	20	15	24	38	33	37	324
12 m. and 6 p. m.....	62	49	45	51	47	60	32	31	43	59	55	70	604
6 p. m. and 7 p. m.....	24	21	15	19	7	11	7	11	25	18	20	36	214
7 p. m. and 8 p. m.....	22	17	18	14	20	22	7	16	15	13	19	17	200
8 p. m. and 9 p. m.....	9	15	18	10	18	28	20	16	10	16	13	24	197
6 p. m. and 9 p. m.....	55	53	51	43	45	61	34	43	50	47	52	77	611
9 p. m. and 10 p. m.....	15	16	20	10	14	27	17	4	10	19	13	14	179
10 p. m. and 11 p. m.....	9	8	14	6	11	11	7	6	3	5	10	13	103
11 p. m. and 12 midnight.....	12	5	5	16	10	5	11	7	10	3	6	13	103
9 p. m. and 12 midnight.....	36	29	39	32	35	43	35	17	23	27	29	40	385
6 p. m. and 12 midnight.....	91	82	90	75	80	104	69	60	73	74	81	117	996
12 m. and 12 midnight.....	153	131	135	126	127	164	101	91	116	133	136	187	1,600
6 a. m. and 6 p. m.....	116	75	78	104	79	98	74	53	63	85	84	114	1,023
6 p. m. and 6 a. m.....	131	115	125	114	109	127	102	90	109	98	111	152	1,383
Total each month.....	247	190	203	218	188	225	176	143	172	183	195	266	2,406

THE LARGEST FIRES OF THE YEAR.

At each of the thirteen fires below referred to the loss exceeded fifty thousand dollars :
 January 14.—Storage warehouse, Nos. 27, 28 and 29 East street, 75 by 200 feet, four-story, brick. Caused by spontaneous combustion in bales of jute and required the services of seventeen companies, including both floating engines, to extinguish it. The first alarm was received at 7.24 A. M. and the duration of the fire was seven hours. The building was destroyed and the fire extended to No. 44 Tompkins street, which was slightly damaged. Loss, \$225,542.
 January 26.—No. 92 White street, printing, etc., four-story, brick, 25 by 75 feet. Caused by occupant smoking. Twelve companies were on duty. The first alarm was received at 9.48 P. M. and the duration was six hours and fifty minutes. The building was considerably damaged and the fire extended to No. 90 White street, which was slightly damaged. Loss, \$76,135.

March 22.—Nos. 96 and 98 Thirteenth avenue, electric candle manufactory, four-story, brick, 100 by 150 feet. Cause not ascertained. Seventeen companies, including both floating engines, were at work for about twelve hours. The first alarm was received at 6.32 P. M. The building was destroyed and the loss was \$129,700.

April 7.—Apartment house (St. George), Nos. 223 and 225 East Seventeenth street, eight-story, brick and stone, 60 by 90 feet. Cause not ascertained. The first alarm was sent at 11.25 A. M. and twenty companies performed duty for four hours. The building was considerably damaged and the loss was \$80,000.

April 29.—Cloth warehouse, Nos. 31 and 33 Thomas street, six-story, brick and iron front, 50 by 125 feet. Cause not ascertained. First alarm was sent at 8.59 P. M. and twenty-one companies were on duty for about thirteen hours. Building was considerably damaged. Loss, \$211,800.

May 12.—Brewery, No. 1260 North Third avenue, four-story, brick, 75 by 60 feet. Cause not ascertained. First alarm sent at 6.12 A. M. and twelve companies performed duty for about six hours. The fire extended to the adjoining ice-house, three-story, brick, 50 by 60 feet, and both were considerably damaged. Loss, \$74,979.

May 15.—Cotton storage warehouse, No. 20 Washington street, five-story, brick, 40 by 70 feet. First alarm sent at 9.25 P. M. and seventeen companies, including both floating engines, were on duty for nearly five hours. The cause was fire in cotton when stored. The building was considerably damaged. Loss, \$66,000.

May 25.—No. 52 Vesey street (confectionery), five-story, brick, 25 by 80 feet. Cause, steam-pipes igniting woodwork. The first alarm was sent at 3.03 A. M. and fifteen companies were on duty for nearly seven hours. The fire extended to No. 50 Vesey street (perfumery manufactory), five-story, brick, 25 by 80 feet. Both buildings were considerably damaged. Loss, \$77,663.

August 19.—Clothing establishment, Nos. 628 and 630 Broadway, six-story, brick and iron front, 50 by 200 feet. Caused by employees smoking. The alarm was received at 4.19 A. M. and the fire was extinguished by four companies in thirty minutes, the damage to the building being slight, and the loss, almost entirely on stock, was \$53,850.

October 15.—Nos. 546 and 548 West Fifty-seventh street, manufactory, four-story, brick, 50 by 200 feet. Cause not ascertained. The first alarm was sent at 4.12 A. M. and fifteen companies were employed for eight and one-half hours. The building was destroyed and the fire extended to Nos. 537 and 539 West Fifty-sixth street. Loss, \$96,450.

October 20.—No. 176 Duane street, five-story, brick, 25 by 100 feet, caused by friction of machinery. The first alarm was received at 3 A. M. and sixteen companies were engaged for four and one-half hours. The building was considerably damaged. Loss, \$63,000.

December 2.—Piano manufactory, Nos. 415 to 427 West Twenty-eighth street, eight-story, brick, 175 by 100 feet, caused by steam-pipes igniting lumber. The first alarm was received at 9.54 P. M. and eighteen companies were at work for about nine and one-half hours. The structure was considerably damaged. Loss, \$92,500.

December 23.—Theatre Comique, Nos. 728 and 730 Broadway, three-story, brick, 70 by 130 feet. The cause was not ascertained. The first alarm was received at 7.45 A. M. and sixteen companies were on duty for six hours. The theatre was destroyed and the fire extended to the adjoining buildings, Nos. 726 and 732 Broadway, which were slightly damaged. Loss, \$80,050.

WATER CONSUMPTION.

As nearly as can be estimated 44,093,600 gallons of water were used by the land engines of the Department in extinguishing fires, including the quantity taken from the rivers; and in addition thereto an estimated quantity of 9,531,300 gallons of river water was used by the two floating engines, making an aggregate of 53,624,900 gallons.

MERITORIOUS SERVICE.

The rescues at fires and elsewhere by the uniformed force involving personal risk, recorded on the Roll of Merit, are as follows:

Fireman John Banks, of Engine Company No. 7, and Chief of Battalion Francis Mahedy, at a fire originating in the building No. 214 Duane street, and extending thence to No. 173 West street, known as the "Erie Building," at 12.34 A. M., on February 19, rescued the janitor, Arnold Keiff, and his wife and four children, from the fifth story, after their means of escape by way of stairway had been cut off, and they were in apparent danger of suffocation.

Foreman Henry W. McAdams, of Hook and Ladder Company No. 7, at a fire occurring in the building No. 63 East Twelfth street on the evening of March 24, rescued Mrs. C. M. Maxwell from the open window of the third story, to which she had been driven by the heat and smoke, by carrying her down a ladder raised for the purpose.

Private, Second Grade, Thomas F. Freely, of Engine Company No. 43 (floating engine William F. Havemeyer, lying temporarily at the foot of East Eighteenth street), rescued Henry J. Whitaker, a boy, who fell into the river, by jumping overboard after him, on April 4.

Private, Second Grade, John Binns, Private, Second Grade, E. C. Graham, and Private, Third Grade, Thomas F. Barrett, all of Hook and Ladder Company No. 3, and Private, Second Grade, Thomas J. Mooney, of Engine Company No. 5, distinguished themselves at the fire in the St. George apartment-house, Nos. 223 and 225 East Seventeenth street, on April 7. Upon arriving at the scene of the fire, Louis Castaigne, the elevator boy, was discovered at one of the seventh-story windows calling for help, the fire having extended so rapidly as to make it impossible for him to come down the stairways. Being ordered by the company commander to scale the front of the building to rescue the imperilled boy, Binns at once proceeded to do so, followed by Graham and Barrett, and while they were ascending from story to story by means of the scaling-ladders, the long extension ladder of the company was raised to its full height, reaching to the sill of the sixth story windows. Private Binns having reached the fifth story, by means of his scaling-ladder, stepped from thence to the extension ladder carrying his scaling ladder with him, which he then hooked into the window of the seventh story, and ascending it found the boy in an exhausted and excited condition; he reassured and quieted him, and passed him down safely to his comrades below. Binns then made a thorough search as practicable of the upper part of the building, descended to the fifth floor, where he was joined by Private Mulhare, of Hook and Ladder Company No. 3, and found Robert W. Lockwood cut off from means of escape, who was aided to the street by way of the extension ladder. In recognition of the courage, agility and good judgment so prominently displayed by Private Binns on this occasion, as well as of his other good qualities, he was successively promoted Assistant Foreman and Foreman. In the meantime it was learned that other occupants who were seen at the upper windows on the side of the building were in danger and Private Mooney succeeded in rescuing Mrs. J. L. Lockwood, an invalid son, Louis Lockwood, aged nine years, and Jennie Wilson, a servant, from their perilous situation.

Private, Second Grade, Samuel Banta, of Hook and Ladder Company No. 9, at great personal risk and by the exercise of good judgment, succeeded in extricating Fireman David H. Soden, of Engine Company No. 11, who had the misfortune to be buried in the ruins of a fire at Nos. 20 and 22 Pell street, on April 24. Banta volunteered to rescue Fireman Soden, with full knowledge of the dangers of the undertaking, and in his efforts to reach his comrade was compelled to crawl into the ruins and literally cut his way through with a hand saw, the debris being meanwhile held up by ropes. Private Banta accomplished his difficult and heroic task successfully after an hour and three-quarters of incessant and arduous work.

Fireman Patrick Mead, of Hook and Ladder Company No. 8, rescued Mary McDonald, an infant three years old, from the second-story of No. 874 Second avenue, in which a fire occurred on May 17, the smoke in the room being so dense and the heat so intense at the time as to make it very dangerous to enter. The child was nearly suffocated.

Private, First Grade, Charles Frost, of Engine Company No. 24, at the fire which occurred on July 13, at No. 233 Bleeker street, seeing a woman (Mary E. Lane) at a third-story window calling for help, climbed up to the second-story from the top of a booth and from there by way of the window and blinds to the third floor; and remained with the woman until a ladder was raised, down which he brought her in safety to the street, the smoke having become so dense, meanwhile, that they could not be seen from the street.

Private, First Grade, William Reilly of Engine Company No. 24, rescued Mrs. Lizzie McGloin from the third story of the building No. 170 Varick street, in which a fire occurred on August 4, under the following circumstances: Arriving at the fire with his company and seeing Mrs. McGloin hanging out of a third-story window, he climbed up a post to the top of the awning and standing on the sash of a second-story window held on to the window blinds; upon his direction the woman dropped into his arms and was taken in safety to the street.

Assistant Foreman William D. Frazer and Private, Third Grade, Joseph A. Cottrell, of Hook and Ladder Company No. 1, at a fire which occurred on September 29, in the building No. 42 Baxter street, were ordered to search the building, after nine persons had been rescued therefrom by the company, and proceeding with great difficulty to the third story found Jeremiah Griffin and an unknown man almost suffocated, whom they succeeded with considerable personal risk in getting out of the building.

Assistant Foreman William D. Frazer, of Hook and Ladder Company No. 1, rescued Mrs. Betsey Buttrick and her three children from the second story of the burning building No. 70 Baxter street, on December 14, by climbing up a post to the roof of the awning, entering the second story therefrom and groping his way, guided by faint cries, through dense smoke, he found the woman and two of her children in an exhausted condition, whom he carried one by one over the blazing awning to a ladder which had meantime been raised. Being then informed by the woman that the youngest child still remained in the building he again entered it and finding the child, also in an exhausted state, carried it to the street.

The records show that in all fifty persons were rescued by the uniformed force, twenty-two at personal risk at nine different fires, and one from drowning, also at personal risk.

THE BENNETT AND STEPHENSON MEDALS.

On June 12 a brigade of the Department was paraded on the occasion of the presentation of these medals for the year 1883, the Bennett Medal being presented to Private William B. Kirchner, of Engine Company No. 11, which was awarded to him for meritorious service on March 29, 1883, the details of which were given in the report for 1883, and the Stephenson Medal to Foreman Arnot Spence, of Engine Company No. 27, who was adjudged most deserving among the company commanders during the year 1883, in the attainment of the highest standard of discipline and efficiency in his command. For a description of the endowment of the Stephenson Medal reference is made to the following circular issued by the Commissioners under date of January 12:

The Fire Commissioners congratulate the members of the uniformed force upon their effective work during the last year, as well as upon their general good conduct and obedience to the rules. So long as discipline, self-sacrifice and courage are the chief characteristics of our firemen, this Department will maintain its high reputation. While the present condition of the force is satisfactory, still there is room for improvement, and it is with a view of pointing out the directions in which such improvement is contemplated, that this circular is issued.

The Chiefs of Battalion have been selected from the force on account of their meritorious service, their knowledge of the requirements and details of the Department, their skill in the management of fires, and their ability to direct and instruct their subordinates, and it is to them that the Commissioners must look for such examples as will incite the members of inferior grades to a strict performance of their duties. Chiefs of Battalion are required to "direct the movements of the officers and men under their command at fires." In the opinion of the Commissioners this requirement is not always fully satisfied when the Chief of Battalion in command remains inactive on the sidewalk in front of a burning building, while his subordinates are inside battling against the flames. Ordinarily his place is at the head of his men, directing their movements and guarding their safety.

The duties devolving upon officers and men are fully and clearly defined in existing orders, with which all are required to be familiar, but attention is specially invited to the following subjects, which have come under the observation of the Commissioners, and in which an improvement is demanded and expected:

It sometimes happens that the rule is violated which directs the first company officer arriving at a fire to assume command until the arrival of a Battalion Chief, and that the result is damage to goods from an unnecessary quantity of water being used. The officer first arriving should at once assume the authority conferred upon him by the rule, and, exercising a careful judgment, should order back to its quarters any company whose services can be wisely dispensed with.

The "bill of dress" adopted by the Department must be strictly followed, and the Commissioners will insist upon neatness and cleanliness of appearance as far as it is practicable in connection with the active duties of the force; neglect of this important matter is without excuse.

In some of the company quarters it is essential that more attention be given by the house watch to all calls and signals on the telegraphic instruments, for it has been noticeable that this duty (upon which so much depends) has been occasionally delayed, and sometimes even neglected. A repetition of such delay or neglect will result in charges being preferred against the person at fault, and in his prompt punishment.

Deference and respect must be paid to all superior officers, as well in the manner of addressing them in conversation or speaking of them, as in properly saluting them wherever they may be encountered.

Drunkenness, either in or out of quarters, is fortunately of infrequent occurrence, but it should be blotted out altogether, and the Commissioners desire it to be understood that there is no place or use in this Department for a drunkard, and that any dereliction of this nature will be punished with the utmost severity.

The necessity of telling the exact and whole truth, when called as witnesses on trials, is also a matter requiring serious attention from the force. On several occasions there has been an apparent conspiracy on the part of witnesses, for the purpose of hiding the facts and shielding the accused. Besides being a violation of the Department rules, this offense is perjury under our State laws and must be stopped, even if it be necessary to cause a complaint to be made against the offender before a committing magistrate.

There is nothing more annoying to the Commissioners, or more injurious to the service, than the frequent applications which are made for the transferring and retransferring of the same set of men. This evil originates, in great measure, with the men themselves, and hereafter such members of the force as are constantly endeavoring to shirk all arduous duty, through the intervention of their friends, will find that they are seriously injuring, instead of bettering, their future prospects in the Department. In order to correct, as far as possible, this evil, the Commissioners have decided that no transfers shall hereafter be made except at the first regular meeting of the Board in January, April, July and October of each year.

In 1867, John Stephenson, Esq., sent to this Department his check for \$250 to be used "in the discretion of this Board for the benefit of the Department." By careful investment this sum has been steadily increased until it now amounts to \$600.

For the purpose of inciting the company commanders to the attainment of the highest standard of discipline and efficiency within their respective commands, the Fire Commissioners have determined to annually present to the Captain who shall be judged most deserving, a handsome gold medal, to be known as the "Stephenson Medal." The presentation will be public, and will be made immediately after the presentation of the "Bennett Medal."

The Captain to be thus honored shall be selected in the following manner: On notice, the several Chiefs of Battalion shall annually forward to the Chief of Department the name of the one Foreman within their respective districts who has proved himself the most efficient and deserving commanding officer. Immediately upon the receipt of the communications from all the Battalion Chiefs, the Chief of Department shall meet with the Assistant and Second Assistant Chief of Department and submit the names which have been forwarded, and then and there they shall, by a concurrent vote, select, from among said names, the Captain to whom the said medal shall be presented, and report the same to the Board. Should they fail to concur, they shall report to the Board, for its action, the names of the Captains (not exceeding three) whom they may deem most worthy.

LIFE SAVING CORPS AND SCHOOL OF INSTRUCTION.

On the occasion of the parade and presentation of the medals above referred to an exhibition of the proficiency attained by the members of the Life Saving Corps in the use of scaling-ladders and life-lines was given on the "Central" apartment-house, situated on the southeast corner of Fourth street and South Fifth avenue, opposite Washington Square, by the kind permission of the owner. The various methods of using scaling-ladders in ascending from the ground to the roof, from window to window, of lowering persons by means of life-lines, and of descending, were successfully illustrated in the presence of a large assemblage of spectators. A notable instance of the practical use of the training in the use of these appliances is related under the head of "Meritorious Services," in a preceding part of this report.

Under the rules prescribed, to which reference was made in the report for 1883, one hundred and thirty-five candidates were trained and tested in the School of Instruction, of whom one hundred and twenty-three were found fit for the service, and the remainder, twelve, or .09 per cent., disqualified.

One hundred and eighty-one officers and men were instructed and trained in both classes, being in all two hundred and ninety-four officers and men, including new appointees, who have received this training.

Casualties.

The number of human lives lost and persons injured at fires and in connection with the operation of the Department at, and in responding to alarms for fires, as nearly as could be ascertained, are shown by the subjoined table:

	KILLED.			INJURED.								AGGREGATE KILLED AND INJURED.		
				FATALLY.		SERIOUSLY.		SLIGHTLY.		TOTAL.				
	At Fires.	Responding to Alarms.	Total.	At Fires.	Responding to Alarms.	At Fires.	Responding to Alarms.	At Fires.	Responding to Alarms.	At Fires.	Responding to Alarms.	At Fires.	Responding to Alarms.	Total.
Members of Department.	1	..	1	..	..	8	7	15	115	55	170	124	62	186
Others—Before arrival of Department..	7	..	7	*8	..	8	28	..	28	35	2	78	2	80
" After arrival of Department..	..	..	..	†2	..	2	1	1	2	3	4	4	2	6
Total.....	8	..	8	10	..	10	37	7	44	151	59	206	66	272

*One occupant of premises died of fright.

†One member Insurance Patrol.

Losses and Insurance.

	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	YEAR.
Estimated loss—													
On buildings and vessels.....	\$102,194 00	\$24,529 00	\$34,512 00	\$90,677 00	\$53,471 00	\$26,660 00	\$20,302 00	\$30,433 00	\$32,318 00	\$61,457 00	\$31,659 00	\$113,853 00	\$622,065 00
On contents.....	485,302 00	96,506 00	265,555 00	462,533 00	370,000 00	91,252 00	105,844 00	151,846 00	97,504 00	282,648 00	176,626 00	266,866 00	2,852,482 00
Total.....	\$587,496 00	\$121,035 00	\$300,067 00	\$553,210 00	\$423,471 00	\$117,912 00	\$126,146 00	\$182,279 00	\$129,822 00	\$344,105 00	\$208,285 00	\$380,719 00	\$3,474,547 00
Estimated insurance—													
On buildings and vessels.....	\$1,667,950 00	\$909,600 00	\$1,274,200 00	\$1,135,750 00	\$800,100 00	\$916,480 00	\$555,990 00	\$703,300 00	\$533,150 00	\$871,350 00	\$1,385,000 00	\$1,756,550 00	\$12,509,420 00
On contents.....	1,369,979 00	661,650 00	1,245,603 00	2,095,099 00	1,029,823 00	1,120,060 00	571,615 00	773,740 00	746,250 00	1,177,510 00	1,432,100 00	1,393,990 00	13,617,419 00
Total.....	\$3,037,929 00	\$1,571,250 00	\$2,519,803 00	\$3,230,849 00	\$1,829,923 00	\$2,036,540 00	\$1,127,605 00	\$1,477,040 00	\$1,279,400 00	\$2,048,860 00	\$2,817,100 00	\$3,150,540 00	\$26,126,839 00
Estimated uninsured loss—													
On buildings and vessels.....	\$973 00	\$332 00	\$214 00	\$830 00	\$1,467 00	\$2,795 00	\$530 00	\$451 00	\$1,046 00	\$990 00	\$205 00	\$32,761 00	\$43,594 00
On contents.....	12,517 00	8,345 00	1,035 00	7,727 00	23,241 00	11,541 00	2,555 00	3,380 00	4,015 00	13,965 00	3,579 00	66,967 00	158,867 00
Total.....	\$13,490 00	\$8,677 00	\$1,249 00	\$8,557 00	\$25,708 00	\$14,336 00	\$3,085 00	\$3,831 00	\$5,061 00	\$14,955 00	\$3,784 00	\$99,728 00	\$202,461 00
Average loss per fire.....	\$2,378 52	\$637 02	\$1,478 16	\$2,537 66	\$2,252 51	\$524 05	\$716 74	\$1,274 67	\$754 78	\$1,880 35	\$1,068 13	\$1,431 27	\$1,444 12

Extent of Loss at Fires.

	JANUARY.	FEB.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCT.	NOV.	DEC.	YEAR.	PERCENTAGE TO WHOLE NUMBER OF FIRES.	LOSS LESS THAN—
Nominal or less than \$10.....	68	57	58	75	76	91	55	45	64	71	55	84	799	.33	
Between \$10 and 50.....	39	36	47	46	44	69	56	36	43	32	40	57	545	.23	\$50 at 1,344 fires.
" 50 " 100.....	25	19	22	21	15	15	12	3	14	14	25	22	207	.09	100 at 1,551 "
" 100 " 1,000.....	63	50	56	42	31	32	34	36	33	42	42	65	526	.21	1,000 at 2,077 "
" 1,000 " 5,000.....	33	22	13	16	11	11	13	15	14	16	26	28	218	.09	5,000 at 2,395 "
" 5,000 " 10,000.....	11	4	2	9	2	3	4	3	..	2	4	3	47	.02	10,000 at 2,342 "
" 10,000 " 20,000.....	4	1	1	5	2	4	1	3	1	..	2	3	27	.01	
" 20,000 " 30,000.....	1	1	1	..	2	..	..	1	3	3	..	1	13		
" 30,000 " 40,000.....	..	..	2	1	1	..	..	..	..	1	..	1	6		
" 40,000 " 50,000.....	1	..	..	1	1	..	..	..	..	..	..	..	3		
" 50,000 " 60,000.....	..	..	..	..	..	..	1	1	..	..	..	..	2		
" 60,000 " 70,000.....	..	..	..	..	1	..	..	..	..	1	..	..	3		
" 70,000 " 80,000.....	1	..	..	..	2	..	..	..	..	..	..	..	3		
" 80,000 " 90,000.....	..	..	..	1	..	..	..	..	..	..	..	..	1		
" 90,000 " 100,000.....	..	..	..	..	..	..	..	..	..	1	..	1	2		
" 100,000 " 125,000.....	..	..	..	..	..	..	..	..	..	..	..	1	1		
" 125,000 " 150,000.....	..	..	1	..	..	..	..	..	..	..	..	..	1		
" 150,000 " 200,000.....	..	..	..	..	..	..	..	..	..	..	..	..	..
" 200,000 " 250,000.....	1	..	..	1	..	..	..	..	..	..	..	..	2		
	247	190	203	218	188	225	176	143	172	183	195	266	2,406		

Strength of Uniformed Force, Number of Fires with Losses, Population, Number of Buildings, etc., from 1866 to 1884.

YEAR.	STRENGTH OF UNIFORMED FORCE.		Number of Fires.	Loss by Fire.	Average Loss per Fire.	Population, Census Years.	Number of Inhabitants to each Fireman.	Number of Inhabitants to each Fire.	Amount of Loss to each Inhabitant.	Number of Buildings.	No. of Buildings to each Fire.	YEAR.	STRENGTH OF UNIFORMED FORCE.		Number of Fires.	Loss by Fire.	Average Loss per Fire.	Population, Census Years.	Number of Inhabitants to each Fireman.	Number of Inhabitants to each Fire.	Amount of Loss to each Inhabitant.	Number of Buildings.	No. of Buildings to each Fire.
	No. of Companies	No. of Officers and Men.											No. of Companies	No. of Officers and Men.									
1866.....	54	* 964	796	\$6,428,000 00	\$8,075 38	769,533	798	967	\$8 35	8 64,000	80	1876.....	68	747	1,382	\$3,851,213 00	\$2,786 70	.....	....	....	.....	.....	..
1867.....	54	* 419	873	5,711,000 00	6,541 81	.....	....	.....	.....	.....	..	1877.....	65	752	1,450	3,210,695 00	2,214 27	.....	....	....	.....	.....	..
1868.....	52	392	740	4,342,000 00	5,867 57	.....	....	.....	.....	.....	..	1878.....	65	727	1,654	1,884,505 00	1,139 36	.....	....	....	.....	.....	..
1869.....	52	399	850	2,696,393 00	3,172 23	.....	....	.....	.....	.....	..	1879.....	64	729	1,551	5,671,580 00	3,656 72	.....	....	....	.....	.....	..
1870.....	52	396	964	2,120,212 00	2,199 39	942,292	1,581	977	2 25	.....	..	1880.....	65	748	1,783	3,183,440 00	1,785 44	1,206,299	1,613	676	\$2 64	.....	..
1871.....	52	396	1,258	2,127,356 00	1,691 06	.....	....	.....	.....	.....	..	1881.....	66	769	1,785	5,820,259 00	3,260 55	.....	....	....	.....	.....	..
1872.....	52	396	1,649	2,891,818 00	1,753 67	.....	....	.....	.....	.....	..	1882.....	67	826	2,001	4,195,960 00	2,096 43	.....	....	....	.....	1102,624	51
1873.....	54	651	1,470	4,022,640 00	2,736 48	.....	....	.....	.....	.....	..	1883.....	68	895	2,169	3,512,848 00	1,619 37	.....	....	....	.....	1101,735	47
1874.....	64	712	1,355	1,430,305 00	1,055 58	.....	....	.....	.....	.....	..	1884.....	70	919	2,406	3,474,547 00	1,444 12	.....	....	....	.....	.....	..
1875.....	67	748	1,418	2,472,536 00	1,743 67	1,041,286	1,392	734	2 37	1184,200	59	Total, 19 years.....		27,554	\$69,047,308 00	\$2,505 89	.....	....	....	.....	.....	..

* Includes about 400 volunteer firemen.

† Annexation of territory north and east of Harlem river.

‡ Estimate based on census of 1865.

§ Estimate based on report of Superintendent of Buildings, fourth quarter, 1875, and exclusive of sheds, bridges and piers.

|| Exclusive of sheds, bridges and piers.

Origin and Cause of Fires for the Year.

ORIGIN.	CAUSE.								PREMISES WHEREIN FIRE ORIGINATED OCCUPIED AS—													
	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total.	Dwellings.	Mercantile Establishments.	Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Store-houses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal and Wood Yards.	Vessels.	Miscellaneous.	Total.	Aggregate Loss to Structures and Contents.
<i>In Heating.</i>																						
Beams built into chimneys and fire-places.....	13	..	..	..	..	13	9	2	..	1	1	..	..	..	..	..	..	..	13	\$9,245 00
Chimneys, fire-places, flues, grates, etc.....	34	..	..	..	..	34	17	6	3	1	3	..	4	..	..	..	..	..	34	51,342 00
Foul chimneys.....	..	211	..	..	..	..	..	211	187	11	8	..	4	..	..	..	1	..	..	..	211	125 00

ORIGIN.	CAUSE.							PREMISES WHEREIN FIRE ORIGINATED OCCUPIED AS—														
	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total.	Dwellings.	Mercantile Establishments, Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Store-houses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal and Wood Yards.	Vessels.	Miscellaneous.	Total.	Aggregate Loss to Structures and Contents.	
Kerosene-oil used in lighting fires.....	..	2	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	2	\$2,255 00.
Kerosene-oil stoves exploding.....	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	50 00.
Soot in flues and fire-places igniting woodwork.....	..	32	..	..	..	..	..	32	22	6	4	..	..	..	..	..	..	..	..	32	4,330 00.
Sparks from stoves, chimneys, stove-pipes, etc., igniting woodwork, clothing, etc.	15	15	..	..	..	..	..	30	15	4	9	..	..	1	..	..	..	..	1	30	15,733 00.
Steam-pipes igniting floor-beams, woodwork, etc.....	..	7	..	..	..	..	..	7	1	..	5	1	..	..	..	..	..	..	..	7	93,579 06.
Stoves, boilers, furnaces, stove and heater pipes igniting bedding, clothing, woodwork, etc.....	2	131	1	134	72	22	27	4	3	..	1	..	1	..	1	3	134	71,592 00.
Stoves, furnaces and grates, hot coals falling from.....	..	15	..	..	..	..	..	15	10	3	2	..	..	..	..	..	..	..	..	15	22,980 00.
Stoves upsetting.....	1	7	..	..	..	..	..	8	6	1	1	..	..	..	..	..	..	..	..	8	223 00.
Water-back of range bursting.....	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	30 00.
Number of fires.....	20	420	48	488	342	55	59	7	11	1	5	..	2	..	1	5	488
Loss.....	\$5,473	\$204,324	\$61,687	\$271,484 00
In Illuminating.																						
Electric-lights, sparks from.....	5	12	17	3	4	1	5	4	17	\$229 00.
Gas, explosion of.....	3	1	..	..	..	..	..	4	3	1	..	..	..	..	..	..	..	..	..	4	1,145 00.
Gas-meters, explosion of.....	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	.....
Gas escaping and igniting.....	7	25	..	1	..	..	..	33	8	8	8	..	6	..	1	..	..	..	2	33	2,271 00.
Gas-lights, candles, lamps, etc., igniting merchandise in stores, show-windows, and bedding, straw, woodwork, rubbish, etc.....	7	194	..	..	..	..	..	201	132	36	17	1	4	..	5	1	5	..	..	201	97,688 00.
Lamps, kerosene-oil, breaking.....	45	7	..	..	..	..	..	52	43	4	4	..	1	..	..	..	..	..	..	52	15,239 00.
Lamps, kerosene-oil, exploding.....	117	14	..	..	..	..	..	131	107	9	9	2	1	..	..	1	..	2	..	131	42,766 00.
Lamps, kerosene-oil, falling.....	16	25	..	..	..	..	..	41	32	3	5	..	..	..	..	..	..	..	1	41	18,739 00.
Lamps, kerosene-oil, upsetting.....	9	65	..	..	..	..	..	74	54	8	7	1	2	..	1	1	..	..	..	74	5,378 00.
Lamps, kerosene-oil taking fire.....	..	2	..	..	..	..	..	2	1	1	..	..	..	..	..	..	..	..	..	2	205 00.
Matches, lighted tapers, etc., igniting clothing, woodwork, rubbish, etc.....	..	95	..	..	..	..	..	95	49	22	13	4	1	..	6	..	..	..	..	95	65,372 00.
Number of fires.....	210	440	..	1	651	432	97	63	8	16	..	12	8	6	..	2	7	651
Loss.....	\$103,857	\$145,170	\$249,027 00
In Manufacturing and Other Business.																						
Alcohol, tar, gum, oils, paints, varnish, etc., igniting on stoves, furnaces, over gas-lights, etc.....	5	32	..	..	..	..	..	37	3	2	27	..	2	..	1	..	..	..	2	37	\$40,520 00.
Beams running into chimneys.....	..	..	2	..	..	..	..	2	..	..	2	..	..	..	..	..	..	..	..	2	50 00.
Charcoal fire igniting woodwork.....	..	3	..	..	..	..	..	3	..	..	3	..	..	..	..	..	..	..	..	3	4,450 00.
Chimneys, flues, etc., heat from igniting woodwork.....	..	..	3	..	..	..	..	3	..	..	3	..	..	..	..	..	..	..	..	3	200 00.
Chimneys, flues, etc., soot from igniting woodwork.....	..	1	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	1	10 00.
Cotton, jute, etc., ignited.....	..	1	..	..	..	..	1	2	..	..	..	..	1	..	..	..	..	..	1	2	66,025 00.
Chemicals igniting.....	3	..	..	..	..	..	..	3	..	..	3	..	..	..	..	..	..	..	..	3	3,100 00.
Foul chimneys.....	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	.....
Friction of machinery.....	9	..	..	..	..	..	..	9	..	1	8	..	..	..	..	..	..	..	..	9	89,145 00.
Gas-stoves, gas-lights, igniting woodwork, paper, merchandise, etc.....	..	6	..	..	..	..	..	6	..	..	6	..	..	..	..	..	..	..	..	6	13,270 00.
Hams, meats, etc., in ovens and smoke-houses, igniting.....	3	1	..	..	..	..	..	4	..	1	3	..	..	..	..	..	..	..	..	4	2,603 00.
Hot metals igniting woodwork, merchandise, etc.....	..	5	..	..	..	..	..	5	..	..	5	..	..	..	..	..	..	..	..	5	4,575 00.
Kerosene-oil stoves bursting, taking fire, etc.....	3	1	..	..	..	..	..	4	..	..	4	..	..	..	..	..	..	..	..	4	4 00.
Lamp, alcohol, igniting woodwork.....	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	.....
Lamp, kerosene, explosion of.....	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	125 00.
Lime, slaking of.....	5	..	..	..	..	..	..	5	3	..	..	..	..	..	..	..	..	..	2	5	33 00.
Naphtha and benzine vapor igniting.....	4	12	..	..	..	..	1	17	2	3	12	..	..	..	..	..	..	..	..	17	45,080 00.
Phosphorus igniting.....	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	5 00.
Scenery in theatres igniting from gas-lights, etc.....	3	2	..	..	..	..	..	5	..	..	..	..	..	..	5	..	..	..	..	5	1 00.
Sparks from chimneys, forges, furnaces, engines, steamships, locomotives, etc., igniting roofs, shavings, woodwork, etc.....	55	19	..	..	..	..	..	74	9	16	30	..	1	1	1	..	1	3	12	74	25,802 00.
Sparks from telegraph wires.....	4	..	..	..	..	..	..	4	..	..	1	..	..	..	..	..	..	..	3	4	90 00.
Steam-pipes igniting merchandise.....	..	4	..	..	..	..	..	4	..	..	3	..	..	..	..	..	..	1	..	4	1,605 00.
Spontaneous combustion of oily rags, etc.....	5	43	..	..	..	..	..	48	3	4	35	1	..	3	..	..	..	2	..	48	387,321 00.
Stoves, boilers, furnaces, ovens, etc., igniting merchandise, shavings, etc.....	5	77	2	..	..	..	..	84	11	4	54	..	9	1	..	2	1	1	1	84	185,075 00.
Stoves, furnaces, etc., hot coals falling from.....	..	6	..	..	..	..	..	6	..	1	5	..	..	..	..	..	..	..	..	6	17,060 00.
Vitriol, acids, spirits, etc., carboys of, breaking, or vapor igniting.....	3	..	..	..	..	..	..	3	..	..	2	..	..	..	..	..	..	..	1	3	210 00.
Workmen burning rubbish.....	1	2	..	..	..	..	..	3	1	..	1	..	..	..	..	..	..	..	1	3	27 00.
Number of fires.....	108	219	7	2	336	33	33	208	2	13	6	2	5	2	2	7	23	336
Loss.....	\$346,987	\$644,574	\$8,900	\$325	\$1,000,786 00
Miscellaneous.																						
Benzine, etc., vapor igniting.....	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	\$20 00.
Bonfires.....	1	1	..	19	..	..	..	21	5	1	4	..	1	..	2	..	..	..	8	21	3,501 00.
Cigars, pipes, etc., smoking of.....	..	227	227	52	62	73	4	3	..	20	1	1	2	3	6	227	575,663 00.
Cotton igniting.....	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	5 00.
Defective flues and chimneys.....	..	..	7	..	..	..	..	7	6	..	..	1	..	..	..	..	..	..	..	7	245 00.
Fat, glue, varnish, etc., taking fire on stoves, etc.....	..	8	..	..	..	..	..	8	8	..	..	..	..	..	..	..	..	..	..	8	185 00.
Fire-crackers.....	..	10	..	22	1	..	..	33	9	12	4	..	1	..	4	..	1	..	2	33	2,600 00.
Fireworks, rockets, etc.....	3	11	..	1	..	..	..	15	6	4	1	1	..	..	1	..	1	..	1	15	4,217 00.
Foul chimneys.....	..	46	..	..	..	..	..	46	44	1	..	..	1	..	..	..	..	..	..	46	.....
Hot ashes igniting woodwork.....	..	36	..	..	..	..	..	36	12	9	12	2	..	..	1	..	..	..	..	36	41,374 00.
Kerosene oil poured over woodwork and ignited.....	..	1	..	..	1	3	..	5	2	1	..	..	2	..	..	..	..	..	..	5	1,575 00.
Kerosene-oil stoves exploding.....	7	..	..	..	..	..	..	7	6	..	1	..	..	..	..	..	..	..	..	7	592 00.
Kerosene-oil stoves igniting woodwork, etc.....	..	2	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	2	450 00.

ORIGIN.	CAUSE.							PREMISES WHEREIN FIRE ORIGINATED OCCUPIED AS—														Aggregate Loss to Structures and Contents.	
	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total.	Dwellings.	Mercantile Establishments. Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Store-houses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal and Wood Yards.	Vessels.	Miscellaneous.	Total.			
Kerosene-oil stoves upsetting, falling, etc	1	8	..	..	..	..	..	9	8	1	..	..	..	..	..	..	..	..	..	9	\$257 00
Kerosene-oil stoves taking fire, igniting merchandise, etc	9	5	..	..	..	..	..	14	14	..	..	..	..	..	..	..	..	..	..	14	121 00
Matches, children playing with.....	..	..	..	85	..	..	..	85	75	1	2	..	..	4	1	..	..	..	2	85	14,591 00
Matches gnawed by rats and mice.....	..	9	..	..	..	..	..	9	5	3	1	..	..	..	..	..	..	..	..	9	2,280 00
Matches igniting awnings, straw, rubbish, woodwork, etc.....	5	170	..	2	3	17	4	201	102	28	41	2	2	1	11	4	2	1	6	201	59,143 00		
Not ascertained.....	..	..	..	..	..	15	123	138	41	32	54	1	5	..	1	1	1	1	1	138	1,219,248 00
Phosphorus igniting... ..	..	2	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	2	25 00
Rekindling of previous fire.....	..	..	..	..	..	..	8	8	4	1	3	..	..	..	..	..	..	..	..	8	255 00
Set on fire by an insane person.....	1	..	..	..	2	..	..	3	3	..	..	..	..	..	..	..	..	..	..	3	1,070 00
Soot igniting in fire-places and flues .....	..	4	..	..	..	..	..	4	4	..	..	..	..	..	..	..	..	..	..	4	32 00
Sparks from chimneys, stoves, etc.....	5	2	1	..	..	..	..	8	6	..	2	..	..	..	..	..	..	..	..	8	596 00
Steam pipes igniting woodwork.....	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	7,826 00
Spontaneous combustion of oily rubbish, etc.....	4	3	..	..	..	..	..	7	2	3	..	..	..	..	..	..	..	..	2	7	10,635 00
Stoves, furnaces, hot coals falling from .....	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	5 00
Stoves, stove-pipes, etc., heat from igniting woodwork, etc.....	1	8	..	..	..	..	..	9	8	..	..	1	..	..	..	..	..	..	..	9	217 00
Sulphur igniting clothing.....	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	5,500 00
Thawing out water-pipes with candles, lamps, lighted papers, etc.....	..	21	..	..	..	..	..	21	13	2	4	..	2	..	..	..	..	..	..	21	1,022 00
Tramps building fires in woods, unoccupied houses, etc.....	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	.....	
Number of fires.....	37	580	8	129	7	35	135	931	442	163	203	10	19	1	43	8	4	6	4	28	931	
Loss.....	\$8,952	\$700,394	\$250	\$19,115	\$305	\$17,484	\$1,206,750	..	..	..	..	..	..	..	..	..	..	..	..	..	\$1,953,250 00
<i>Recapitulation.</i>																							
In Heating.....	20	420	48	488	342	55	59	7	11	1	5	..	2	..	1	5	488	
Loss.....	\$5,473	\$204,324	\$61,687	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	\$271,484 00
In Illuminating.....	210	440	..	1	651	432	97	63	8	16	..	12	8	6	..	2	7	651	
Loss.....	\$103,857	\$145,170	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	249,027 00
In Manufacturing, etc.....	108	219	7	2	336	33	33	208	2	13	6	2	5	2	2	7	23	336	
Loss.....	\$346,987	\$644,574	\$8,900	..	..	..	\$325	..	..	..	..	..	..	..	..	..	..	..	..	..	1,000,786 00
In Miscellaneous.....	37	580	8	129	7	35	135	931	442	163	203	10	19	1	43	8	4	6	4	28	931	
Loss.....	\$8,952	\$700,394	\$250	\$19,115	\$305	\$17,484	\$1,206,750	..	..	..	..	..	..	..	..	..	..	..	..	..	1,953,250 00
Aggregate.....	375	1,659	63	130	7	35	137	2,406	1,249	348	533	27	59	8	62	21	14	8	14	63	2,406	
Loss.....	\$465,269	\$1,694,462	\$70,837	\$19,115	\$305	\$17,484	\$1,207,075	..	..	..	..	..	..	..	..	..	..	..	..	..	\$3,474,547 00

Origin (Consolidated) and Cause of Fires, by Months, for the Year.

ORIGIN, BY MONTHS.	CAUSE.							PREMISES WHEREIN FIRE ORIGINATED OCCUPIED AS—												Aggregate Loss to Structures and Contents.			
	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total.	Dwellings.	Mercantile Establishments.	Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Store-houses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal, and Wood Yards.	Vessels.		Miscellaneous.	Total.	
<i>In Heating.</i>																							
January	4	62	8	..	..	..	..	74	51	9	8	..	2	1	1	..	..	..	1	1	74	\$21,447 00
February.	1	47	9	..	..	..	..	57	39	6	6	1	3	..	..	..	1	..	..	1	57	18,686 00
March.....	2	43	3	..	..	..	..	48	27	5	9	3	1	..	1	..	1	..	..	1	48	20,279 00
April.....	5	58	3	..	..	..	..	66	52	5	7	1	1	..	..	..	..	..	..	..	66	16,480 00
May.....	1	46	1	..	..	..	..	48	35	3	7	..	3	..	..	..	..	..	..	..	48	91,601 00
June.....	2	41	1	..	..	..	..	44	36	2	5	..	..	..	..	..	..	..	..	1	44	9,923 00
July.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....
August.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....
September.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....
October.....	2	26	6	..	..	..	..	34	26	5	2	..	..	..	1	..	..	..	..	..	34	9,846 00
November.....	1	40	6	..	..	..	..	47	35	5	4	2	..	..	1	..	..	..	..	..	47	9,416 00
December.....	2	57	11	..	..	..	..	70	41	15	11	..	1	..	1	..	..	..	..	1	70	73,806 00
Total.....	20	420	48	..	..	..	..	488	342	55	59	7	11	1	5	..	2	..	1	5	488	\$271,484 00
<i>In Illuminating.</i>																							
January	10	61	..	..	..	..	..	71	50	7	9	1	2	..	2	..	..	..	..	..	71	\$63,889 00
February.	20	38	..	..	..	..	..	58	40	10	4	..	2	..	1	1	..	..	..	..	58	13,934 00
March.....	21	43	..	..	..	..	..	64	51	8	3	..	1	..	1	..	..	..	..	..	64	46,836 00
April.....	12	30	..	..	..	..	..	42	25	9	4	..	..	..	1	2	..	..	1	..	42	13,733 00
May.....	24	32	..	..	..	..	..	56	34	9	5	..	2	..	..	1	..	..	..	5	56	6,587 00
June.....	21	42	..	1	..	..	..	64	41	7	7	2	2	..	2	..	2	..	..	1	64	27,968 00
July.....	16	25	..	..	..	..	..	41	27	10	4	..	..	..	..	..	..	..	..	..	41	10,967 00
August.....	16	24	..	..	..	..	..	40	29	4	4	..	2	..	..	1	..	..	..	..	40	15,283 00
September.....	16	26	..	..	..	..	..	42	28	7	3	1	..	..	1	..	1	..	1	..	42	5,247 00
October.....	22	27	..	..	..	..	..	49	29	7	11	..	1	..	..	1	..	..	..	..	49	6,027 00
November.....	19	34	..	..	..	..	..	53	28	11	6	3	3	..	..	1	..	..	..	1	53	9,104 00
December.....	13	58	..	..	..	..	..	71	50	8	3	1	1	..	4	1	3	..	..	..	71	29,452 00
Total.....	210	440	..	1	..	..	..	651	432	97	63	8	16	..	12	8	6	..	2	7	651	\$249,027 00

ORIGIN, BY MONTHS.	CAUSE.								PREMISES WHEREIN FIRE ORIGINATED OCCUPIED AS—														Aggregate Loss to Structures and Contents.
	Accidental.	Carelessness.	Defective Buildings and Construction.	Mischievousness.	Maliciousness.	Incendiarism.	Not ascertained.	Total.	Dwellings.	Mercantile Establishments.	Manufactories and Workshops.	Offices.	Restaurants and Saloons.	Store-houses.	Stables.	Places of Amusement and Recreation.	Religious and Educational Institutions.	Lumber, Coal, and Wood Yards.	Vessels.	Miscellaneous.	Total.		
In Manufacturing and other Business.																							
January.	10	23	2	..	..	..	1	36	4	3	23	..	1	1	..	..	..	..	1	3	36	\$283,606 00
February.....	3	13	..	..	..	..	..	16	2	2	10	..	..	1	..	..	1	..	..	..	16	8,207 00
March.....	6	13	1	..	..	..	..	20	2	2	14	..	..	..	..	1	..	..	..	1	20	39,969 00
April.....	11	28	..	..	..	..	..	39	3	3	27	..	1	..	1	..	1	..	1	2	39	99,132 00
May.....	5	18	..	..	..	..	..	23	4	1	13	..	..	1	..	1	..	..	..	3	23	171,002 00
June.....	15	15	1	..	..	..	1	32	4	4	21	..	1	1	..	..	..	..	..	1	32	33,722 00
July.....	7	21	1	..	..	..	..	29	1	4	18	1	1	1	..	..	..	..	2	1	29	32,884 00
August.....	14	10	..	..	..	..	..	24	2	2	16	..	2	..	..	..	..	..	..	2	24	26,468 00
September.....	16	19	..	..	..	..	..	35	1	6	21	..	2	..	..	1	..	2	..	2	35	47,514 00
October.....	8	20	1	..	..	..	..	29	3	3	13	1	4	..	1	..	..	..	3	1	29	107,078 00
November.....	6	16	..	..	..	..	..	22	1	2	15	..	..	1	..	1	..	..	..	2	22	41,572 00
December.....	7	23	1	..	..	..	..	31	6	1	17	..	1	..	..	1	..	..	..	5	31	109,632 00
Total.....	108	219	7	..	..	..	2	336	33	33	208	2	13	6	2	5	2	2	7	23	336	\$1,000,786 00
Miscellaneous.																							
January. ....	..	46	..	10	..	1	9	66	28	18	14	..	..	..	3	..	1	..	1	1	66	\$218,554 00
February.....	3	37	..	5	1	4	9	59	26	11	17	2	..	..	2	..	..	..	..	1	59	80,208 00
March.....	1	43	..	7	..	2	18	71	29	16	19	2	1	..	2	..	1	1	..	..	71	192,983 00
April.....	1	38	..	12	1	5	14	71	32	13	18	1	1	..	2	..	1	..	..	3	71	423,865 00
May.....	5	34	..	13	..	1	8	61	30	8	13	1	1	..	5	..	..	..	..	3	61	154,281 00
June.....	5	45	..	23	1	..	11	85	39	13	17	..	2	..	6	2	..	..	1	5	85	46,299 00
July.....	6	74	2	14	1	2	7	106	59	24	15	..	1	..	3	..	..	2	..	2	106	82,295 00
August.....	4	56	2	4	..	2	11	79	43	18	11	..	2	..	4	..	..	..	..	1	79	140,528 00
September.....	3	61	4	10	..	5	12	95	54	7	20	1	3	..	4	1	..	1	..	4	95	77,061 00	
October.....	5	38	..	13	..	4	11	71	26	9	17	2	1	1	5	2	..	2	1	5	71	221,154 00	
November.....	2	49	..	9	1	4	8	73	33	15	17	1	2	..	1	..	..	..	1	3	73	148,193 00
December.....	2	59	..	9	2	5	17	94	43	11	25	..	5	..	6	3	1	..	..	..	94	167,829 00
Total.....	37	580	8	129	7	35	135	931	442	163	203	10	19	1	43	8	4	6	4	28	931	\$1,953,250 00	
Recapitulation.																							
In Heating.....	20	420	48	..	..	..	..	488	342	55	59	7	11	1	5	..	2	..	1	5	488	\$271,484 00
In Illuminating.....	210	440	..	1	..	..	..	651	432	97	63	8	16	..	12	8	6	..	2	7	651	249,027 00
In Manufacturing and other Business.....	108	219	7	..	..	..	2	336	33	33	208	2	13	6	2	5	2	2	7	23	336	1,000,786 00
Miscellaneous.....	37	580	8	129	7	35	135	931	442	163	203	10	19	1	43	8	4	6	4	28	931	1,953,250 00	
Total.....	375	1,659	63	130	7	35	137	2,406	1,249	348	533	27	59	8	62	21	14	8	14	63	2,406	\$3,474,547 00	

ORIGIN OF FIRES BY DISTRICTS AND MONTHS.
First District—Part of City lying south of Chambers Street.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January	3	..	..	3	2	2	..	4	..	5	1	6	1	6	1	8	6	13	2	21	\$6,500 00	\$21,170 00	\$27,670 00
February	1	3	..	4	1	1	..	2	..	6	..	6	1	3	..	4	3	13	..	16	1,860 00	7,970 00	9,830 00
March .....	..	2	..	2	..	4	..	4	..	3	..	3	..	8	..	8	..	17	..	17	6,447 00	56,473 00	62,920 00
April .....	..	2	..	2	..	1	..	1	1	5	..	6	..	4	2	6	1	12	2	15	4,870 00	43,582 00	48,452 00
May.....	1	3	..	4	1	..	..	1	..	1	..	1	1	3	..	4	3	7	..	10	12,317 00	143,878 00	156,195 00
June .....	..	1	..	1	1	4	..	5	..	5	..	5	..	4	..	5	1	..	1	16	4,815 00	46,930 00	51,745 00
July .....	..	..	..	..	2	2	..	4	..	6	1	7	1	5	1	7	3	13	2	18	1,425 00	21,395 00	22,820 00
August .....	..	..	..	..	..	1	..	1	..	1	..	1	2	2	..	4	2	4	..	6	3,125 00	21,890 00	25,015 00
September .....	..	..	..	..	..	3	..	3	..	5	..	5	..	6	..	6	..	14	..	14	2,340 00	8,175 00	10,515 00
October.....	..	1	..	1	..	4	..	4	..	3	..	3	..	8	..	8	..	16	..	16	445 00	2,508 00	2,953 00
November .....	..	2	..	2	..	3	..	3	..	4	..	4	1	5	1	7	1	14	1	16	8,380 00	34,739 00	43,119 00
December.....	..	6	..	6	1	3	..	4	..	3	..	3	..	6	..	6	1	18	..	19	6,505 00	69,355 00	75,860 00
Total	5	20	..	25	8	28	..	36	1	47	2	50	7	60	6	73	21	155	8	184	\$59,029 00	\$478,065 00	\$537,094 00

Number of buildings in district, as per report for 1883—

Dwellings..... 1,128

Business..... 3,928

Total..... 5,056

Number of fires in dwellings..... 21

Number of fires in business buildings..... 155

Total fires in buildings..... 176

Number of dwellings to each fire..... 54

Number of business places to each fire..... 25

Number of buildings to each fire..... 29

Second District—Part of City lying between Chambers and Houston Streets, west of West Broadway and South Fifth Avenue.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January.....	2	..	..	2	..	..	..	..	..	1	1	2	1	1	..	2	3	2	1	6	\$530 00	\$7,519 00	\$8,049 00
February.....	2	1	..	3	..	..	..	..	..	..	..	..	..	3	..	3	2	4	..	6	3,400 00	10,550 00	13,950 00
March.....	..	..	..	..	..	..	..	..	..	1	..	1	3	1	..	4	3	2	..	5	185 00	705 00	890 00
April.....	2	..	..	2	..	..	..	..	..	1	..	1	..	1	..	1	2	2	..	4	1,250 00	6,800 00	8,050 00
May.....	1	..	..	1	3	2	..	5	..	..	..	..	..	..	..	..	4	2	..	6	100 00	160 00	260 00
June.....	2	1	..	3	1	1	..	2	..	1	..	1	1	1	1	3	4	4	1	9	645 00	1,450 00	2,095 00
July.....	..	..	..	..	1	1	..	2	..	2	1	3	2	1	..	3	3	4	1	8	45 00	45 00	90 00
August.....	..	..	..	..	1	..	..	1	1	..	..	1	1	..	..	1	3	..	..	3	500 00	475 00	975 00
September.....	..	..	..	..	3	1	..	4	..	2	..	2	4	2	..	6	7	5	..	12	1,680 00	4,610 00	6,290 00
October.....	2	..	..	2	2	..	..	2	..	1	..	1	..	1	..	1	4	2	..	6	6,010 00	57,030 00	63,040 00
November.....	1	..	..	1	1	1	..	2	1	..	..	1	1	5	1	7	4	6	1	11	2,485 00	17,180 00	19,665 00
December.....	1	1	..	2	..	1	..	1	..	..	..	..	2	..	..	2	3	2	..	5	60 00	130 00	190 00
Total.....	13	3	..	16	12	7	..	19	2	9	2	13	15	16	2	33	42	35	4	81	\$16,890 00	\$106,654 00	\$123,544 00

Number of buildings in district, as per report for 1883—

Dwellings..... 2,592

Business..... 1,011

Total..... 3,603

Number of fires in dwellings..... 42

Number of fires in business buildings..... 35

Total fires in buildings..... 77

Number of dwellings to each fire..... 62

Number of business places to each fire..... 29

Number of buildings to each fire..... 47

Third District—Part of City lying between Chambers and Houston Streets, West Broadway and South Fifth Avenue, and Crosby, Elm and Centre Streets.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January.....	..	3	..	3	..	..	..	..	..	2	..	2	..	10	..	10	..	15	..	15	\$7,950 00	\$112,195 00	\$120,145 00
February.....	..	2	..	2	2	3	..	5	..	1	..	1	..	4	..	4	2	10	..	12	1,805 00	17,410 00	19,215 00
March.....	1	..	..	1	..	..	..	..	..	..	..	..	..	5	..	5	1	5	..	6	2,425 00	33,140 00	35,565 00
April.....	..	..	..	..	..	1	..	1	..	..	..	..	..	5	..	5	..	6	..	6	8,800 00	273,750 00	282,550 00
May.....	1	..	..	1	..	2	..	2	..	1	..	1	..	1	..	1	1	4	..	5	270 00	1,700 00	1,970 00
June.....	..	..	..	..	..	..	..	..	..	2	..	2	1	2	..	3	1	4	..	5	400 00	3,760 00	4,160 00
July.....	..	..	..	..	..	3	..	3	..	2	..	2	..	3	..	3	..	8	..	8	3,385 00	55,460 00	58,845 00
August.....	..	..	..	..	..	2	..	2	..	1	..	1	..	3	..	3	..	6	..	6	2,160 00	13,776 00	15,936 00
September.....	..	..	..	..	1	..	..	1	..	1	..	1	1	2	..	3	2	3	..	5	1,255 00	2,560 00	3,815 00
October.....	1	..	..	1	..	2	..	2	..	3	..	3	..	5	..	5	1	10	..	11	7,295 00	61,985 00	69,280 00
November.....	..	2	..	2	..	2	..	2	..	2	..	2	..	5	..	5	..	11	..	11	1,965 00	76,485 00	78,450 00
December.....	..	5	..	5	2	..	..	2	..	..	..	..	1	5	..	6	3	10	..	13	1,430 00	12,791 00	14,221 00
Total.....	3	12	..	15	5	15	..	20	..	15	..	15	3	50	..	53	11	92	..	103	\$39,140 00	\$665,013 00	\$704,153 00

Number of buildings in district, as per report for 1883—

Dwellings..... 390

Business..... 1,306

Total..... 1,696

Number of fires in dwellings..... 11

Number of fires in business buildings..... 92

Total fires in buildings..... 103

Number of dwellings to each fire..... 35

Number of business places to each fire..... 14

Number of buildings to each fire..... 16

Fourth District—Part of City lying between Chambers and Houston Streets, east of Crosby, Elm and Centre Streets.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January.....	8	5	1	14	18	4	..	22	..	4	..	4	6	7	1	14	32	20	2	54	\$30,719 00	\$245,483 00	\$276,202 00
February.....	5	4	..	9	22	3	..	25	..	..	..	..	7	8	..	15	34	15	..	49	4,475 00	33,843 00	38,318 00
March.....	8	3	..	11	28	3	..	31	..	..	..	..	11	8	..	19	47	14	..	61	3,807 00	15,000 00	18,807 00
April.....	9	3	..	12	4	4	..	8	..	8	..	8	8	10	..	18	21	25	..	46	9,285 00	49,655 00	58,940 00
May.....	9	2	..	11	8	4	..	12	..	4	1	5	9	8	..	17	26	18	1	45	2,265 00	13,397 00	15,662 00
June.....	10	4	..	14	11	4	..	15	1	5	1	7	12	4	1	17	34	17	2	53	5,817 00	9,153 00	14,970 00
July.....	..	..	..	..	9	2	..	11	..	3	..	3	15	12	..	27	24	17	..	41	3,539 00	11,770 00	15,309 00
August.....	..	..	..	..	15	3	..	18	..	2	..	2	14	15	..	29	29	20	..	49	9,565 00	27,421 00	36,986 00
September.....	..	..	..	..	12	4	1	17	..	6	..	6	19	5	..	24	31	15	1	47	4,022 00	16,193 00	20,215 00
October.....	4	2	..	6	14	5	..	19	..	5	1	6	12	2	1	15	30	14	2	46	5,455 00	11,731 00	17,186 00
November.....	13	1	..	14	13	5	1	19	..	6	1	7	6	10	..	16	32	22	2	56	4,075 00	18,977 00	23,052 00
December.....	8	8	..	16	16	6	..	22	2	4	..	6	12	10	..	22	38	28	..	66	6,902 00	22,312 00	29,214 00
Total.....	74	32	1	107	170	47	2	219	3	47	4	54	131	99	3	233	378	225	10	613	\$89,946 00	\$474,935 00	\$564,881 00

Number of buildings in district, as per report for 1883—

Dwellings..... 9,957

Business..... 2,954

Total..... 12,911

Number of fires in dwellings..... 378

Number of fires in business buildings..... 225

Total fires in buildings..... 603

Number of dwellings to each fire..... 26

Number of business places to each fire..... 13

Number of buildings to each fire..... 21

Fifth District—Part of City lying between Houston and Twenty-third Streets.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January.....	17	8	..	25	11	8	..	19	2	6	..	8	8	5	..	13	38	27	..	65	\$3,947 00	\$16,426 00	\$20,373 00
February.....	8	2	..	10	7	8	..	15	1	2	..	3	5	7	1	13	21	19	1	41	3,912 00	8,705 00	12,617 00
March.....	6	8	..	14	8	2	..	10	1	2	..	3	7	9	..	16	22	21	..	43	16,239 00	121,196 00	137,435 00
April.....	13	5	..	18	5	5	1	11	..	4	1	5	6	5	..	11	24	19	2	45	49,882 00	54,034 00	103,916 00
May.....	8	3	..	11	10	5	4	19	1	3	1	5	4	5	1	10	23	16	6	45	5,881 00	58,668 00	64,549 00
June.....	11	1	..	12	5	4	1	10	2	5	..	7	8	12	..	20	26	22	1	49	3,513 00	11,485 00	14,998 00
July.....	..	..	..	..	6	5	..	11	..	5	..	5	13	11	..	24	19	21	..	40	2,733 00	10,935 00	13,668 00
August.....	..	..	..	..	5	3	..	8	..	8	..	8	9	8	1	18	14	19	1	34	4,085 00	61,648 00	65,733 00
September.....	..	..	..	..	4	4	..	8	..	5	..	5	19	6	1	26	23	15	1	39	1,715 00	3,870 00	5,585 00
October.....	8	3	..	11	4	5	..	9	1	6	2	9	6	9	4	19	19	23	6	48	9,530 00	36,419 00	45,949 00
November.....	8	5	..	13	3	7	..	10	..	5	..	5	6	6	..	12	17	23	..	40	6,332 00	18,836 00	25,168 00
December.....	12	4	..	16	10	2	..	12	1	5	..	6	8	13	..	21	31	24	..	55	36,862 00	63,289 00	100,151 00
Total.....	91	39	..	130	78	58	6	142	9	56	4	69	99	96	8	203	277	249	18	544	\$144,631 00	\$465,511 00	\$610,142 00

Number of buildings in district, as per report for 1883—

Dwellings.....16,301

Business.....4,533

Total.....20,834

Number of fires in dwellings.....277

Number of fires in business buildings.....249

Total fires in buildings.....526

Number of dwellings to each fire.....59

Number of business places to each fire.....18

Number of buildings to each fire.....40

Sixth District—Part of City lying between Twenty-third and Fifty-ninth Streets.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January.....	17	2	1	20	11	6	..	17	1	5	..	6	6	4	..	10	35	17	1	53	\$46,898 00	\$70,611 00	\$117,509 00
February.....	11	3	..	14	7	1	..	8	..	4	..	4	7	4	..	11	25	12	..	37	3,507 00	10,572 00	14,079 00
March.....	4	4	..	8	8	2	..	10	..	7	..	7	2	7	..	9	14	20	..	34	1,922 00	11,189 00	13,111 00
April.....	15	2	..	17	13	3	..	16	1	5	..	6	10	5	1	16	39	15	1	55	7,404 00	27,139 00	34,543 00
May.....	10	5	..	15	7	2	..	9	1	4	1	6	11	6	..	17	29	17	1	47	12,761 00	41,005 00	53,766 00
June.....	9	..	..	9	14	7	..	21	..	7	..	7	10	9	..	19	33	23	..	56	3,251 00	8,751 00	12,002 00
July.....	..	..	..	..	7	1	..	8	..	5	..	5	8	8	..	16	15	14	..	29	2,255 00	3,581 00	5,836 00
August.....	..	..	..	..	4	2	..	6	1	5	1	7	10	5	..	15	15	12	1	28	6,820 00	16,341 00	23,161 00
September.....	..	..	..	..	6	1	..	7	1	4	..	5	5	10	3	18	12	15	3	30	4,586 00	24,716 00	29,302 00
October.....	5	2	..	7	5	4	..	9	1	1	..	2	3	8	1	12	14	15	1	30	29,810 00	106,981 00	136,791 00
November.....	7	2	..	9	3	3	..	6	..	2	..	2	11	3	1	15	21	10	1	32	6,325 00	8,249 00	14,574 00
December.....	12	3	..	15	13	5	..	18	2	7	..	9	6	8	..	14	33	23	..	56	46,555 00	85,514 00	132,069 00
Total.....	90	23	1	114	98	37	..	135	8	56	2	66	89	77	6	172	285	193	9	487	\$172,094 00	\$414,649 00	\$586,743 00

Number of buildings in district, as per report for 1883—

Dwellings.....21,273

Business.....5,230

Total.....26,503

Number of fires in dwellings.....285

Number of fires in business buildings.....193

Total fires in buildings.....478

Number of dwellings to each fire.....75

Number of business places to each fire.....27

Number of buildings to each fire.....55

Seventh District—Part of City lying between Fifty-ninth and One Hundred and Tenth Streets, west of Fifth Avenue.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January.....	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	1	\$20 00	\$150 00	\$170 00
February.....	2	..	1	3	..	1	..	1	..	..	..	..	1	..	..	..	3	1	1	5	1,850 00	2,550 00	4,400 00
March.....	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	1	2,600 00	26,400 00	29,000 00
April.....	1	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	2	300 00	530 00	830 00
May.....	1	..	..	1	..	..	..	..	1	..	..	1	..	..	..	..	2	..	..	2	1,750 00	200 00	1,950 00
June.....	1	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	1	1	..	2	.....	1 00	1 00
July.....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	1	.....	10 00	10 00
August.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
September.....	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	1	200 00	350 00	550 00
October.....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	5 00	.....	5 00
November.....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	100 00	.....	100 00
December.....	..	..	1	1	..	1	..	1	..	..	..	..	3	1	..	4	3	2	1	6	35 00	352 00	387 00
Total.....	7	1	2	10	1	3	..	4	1	2	..	3	5	1	..	6	14	7	2	23	\$6,860 00	\$30,543 00	\$37,403 00

Number of buildings in district, as per report for 1883—

Dwellings.....2,347

Business.....802

Total.....3,149

Number of fires in dwellings.....14

Number of fires in business buildings.....7

Total fires in buildings.....21

Number of dwellings to each fire.....168

Number of business places to each fire.....115

Number of buildings to each fire.....150

Eighth District—Part of City lying between Fifty-ninth and One Hundred and Tenth Streets, east of Fifth Avenue.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January	2	..	..	2	6	..	..	6	..	..	..	..	1	3	..	4	9	3	..	12	\$955 00	\$1,965 00	\$2,920 00
February	5	1	..	6	1	..	..	1	..	..	..	..	1	2	..	3	7	3	..	10	680 00	2,202 00	2,882 00
March	2	2	1	5	4	2	..	6	..	2	..	2	4	1	..	5	10	7	1	18	307 00	738 00	1,045 00
April	3	..	..	3	3	2	..	5	..	3	..	3	4	2	..	6	10	7	..	17	1,766 00	4,884 00	6,650 00
May	2	..	..	2	2	1	..	3	1	1	..	2	..	1	1	2	5	3	1	9	430 00	840 00	1,270 00
June .....	..	..	..	..	5	1	..	6	..	2	..	2	3	..	3	6	8	3	3	14	100 00	227 00	327 00
July .....	..	..	..	..	2	..	..	2	..	2	..	2	9	4	1	14	11	6	1	18	170 00	848 00	1,018 00
August .....	..	..	..	..	3	..	..	3	..	2	..	2	3	1	..	4	6	3	..	9	3,275 00	7,835 00	11,110 00
September .....	..	..	..	..	..	..	..	..	..	1	1	2	2	2	..	4	2	3	1	6	1,600 00	2,000 00	3,600 00
October	1	..	..	1	3	..	..	3	..	2	..	2	..	1	..	1	4	3	..	7	395 00	542 00	937 00
November .....	..	..	..	..	5	..	..	5	..	..	..	..	5	1	..	6	10	1	..	11	765 00	1,425 00	2,190 00
December	2	1	..	3	6	..	..	6	..	2	..	2	7	5	..	12	15	8	..	23	2,715 00	8,031 00	10,746 00
Total	17	4	1	22	40	6	..	46	1	17	1	19	39	23	5	67	97	50	7	154	\$13,158 00	\$31,537 00	\$44,695 00

Number of buildings in district, as per report for 1883—

Dwellings

Business

Total

Number of fires in dwellings

Number of fires in business buildings

Total fires in buildings

Number of dwellings to each fire

Number of business places to each fire

Number of buildings to each fire

Ninth District—Part of City lying between One Hundred and Tenth Street and Harlem River, west of Eighth Avenue.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January .....	..	..	..	..	..	..	..	..	1	2	1	4	..	..	..	..	1	2	1	4	\$210 00	\$118 00	\$328 00
February .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March	1	..	..	1	..	..	..	..	..	..	1	1	1	..	..	1	2	..	1	3	..	42 00	42 00
April	2	..	..	2	..	..	..	..	..	1	1	2	..	..	..	..	2	1	1	4	5 00	30 00	35 00
May	1	..	..	1	..	..	..	..	..	..	..	..	..	..	1	1	1	..	2	..	2 00	..	2 00
June .....	..	..	..	..	1	..	..	1	1	..	..	1	..	..	..	2	..	..	2	..	515 00	30 00	545 00
July .....	..	..	..	..	..	..	..	..	1	..	..	1	2	..	..	2	3	..	3	..	5,310 00	1,110 00	6,420 00
August .....	..	..	..	..	1	..	..	1	..	..	..	1	1	..	..	1	2	..	2	..	185 00	275 00	460 00
September .....	..	..	..	..	..	..	..	..	..	2	2	2	..	1	3	2	..	3	5	..	275 00	350 00	625 00
October .....	..	..	..	..	..	..	..	..	..	..	..	..	2	..	1	3	2	..	1	3	2,005 00	2,002 00	4,007 00
November .....	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1	..	..	..
December	1	..	..	1	..	1	..	1	..	..	1	1	2	2	..	4	3	3	1	7	14,175 00	4,900 00	17,075 00
Total	5	..	..	5	2	1	..	3	3	3	7	13	10	2	3	15	20	6	10	36	\$20,682 00	\$8,857 00	\$29,539 00

Number of buildings in district, as per report for 1883—

Dwellings

Business

Total

Number of fires in dwellings

Number of fires in business buildings

Total fires in buildings

Number of dwellings to each fire

Number of business places to each fire

Number of buildings to each fire

Tenth District—Part of City lying between One Hundred and Tenth Street and Harlem River, east of Eighth Avenue.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January .....	..	1	..	1	..	1	..	1	..	2	..	2	3	..	..	3	3	4	..	7	\$981 00	\$6,081 00	\$7,062 00
February	3	1	..	4	..	1	..	1	..	..	..	..	3	1	..	4	6	3	..	9	2,228 00	2,429 00	4,657 00
March	3	..	..	3	3	..	..	3	1	1	..	2	1	1	..	2	8	2	..	10	480 00	302 00	782 00
April	3	1	..	4	..	..	..	..	1	1	..	2	3	2	..	5	7	4	..	11	3,553 00	1,374 00	4,927 00
May .....	..	..	..	..	2	1	1	4	..	1	..	1	2	2	..	4	4	4	1	9	65 00	355 00	420 00
June	3	..	1	4	3	..	..	3	..	..	..	..	2	5	..	7	8	5	1	14	74 00	57 00	131 00
July .....	..	..	..	..	..	..	..	..	..	..	..	..	6	1	..	7	6	1	..	7	1,310 00	640 00	1,950 00
August .....	..	..	..	..	..	..	..	..	..	1	1	2	3	1	..	4	3	2	1	6	718 00	2,185 00	2,903 00
September .....	..	..	..	..	1	..	..	1	..	5	1	6	1	3	..	4	2	8	1	11	14,645 00	34,528 00	49,173 00
October	4	..	..	4	..	..	..	..	1	..	1	2	3	3	1	7	8	3	2	13	502 00	3,430 00	3,932 00
November	4	..	..	4	2	3	..	5	..	..	..	..	3	..	1	4	9	3	1	13	232 00	235 00	467 00
December .....	..	..	..	..	2	..	..	2	1	..	..	1	1	..	..	1	4	..	..	4	216 00	10 00	226 00
Total	20	3	1	24	13	6	1	20	4	11	3	18	31	19	2	52	68	39	7	114	\$25,054 00	\$51,626 00	\$76,630 00

Number of buildings in district, as per report for 1883—

Dwellings

Business

Total

Number of fires in dwellings

Number of fires in business buildings

Total fires in buildings

Number of dwellings to each fire

Number of business places to each fire

Number of buildings to each fire

Eleventh District—Part of City lying between Harlem and East Rivers, Kingsbridge Road, etc., and Bronx River.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January.....	2	2	..	4	1	..	..	1	..	1	..	1	1	..	..	1	4	3	..	7	\$3,034 00	\$3,383 00	\$6,417 00
February.....	1	..	..	1	..	..	..	..	..	1	..	1	1	..	..	1	2	1	..	3	812 00	200 00	1,012 00
March.....	2	1	..	3	..	..	..	..	..	..	..	..	..	2	..	2	2	3	..	5	100 00	370 00	470 00
April.....	3	..	..	3	..	..	..	..	..	4	1	5	1	2	..	3	4	6	1	11	3,312 00	745 00	4,057 00
May.....	1	..	..	1	1	..	..	1	..	1	..	1	3	2	..	5	5	3	..	8	17,630 00	109,797 00	127,427 00
June.....	..	..	..	..	..	..	..	..	..	..	..	..	2	3	..	5	2	3	..	5	7,530 00	9,408 00	16,938 00
July.....	..	..	..	..	..	..	..	..	..	..	1	1	2	..	..	2	2	..	1	3	110 00	50 00	160 00
August.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
September.....	..	..	..	..	1	..	..	1	..	..	..	..	1	..	..	1	2	..	..	2	.....	152 00	152 00
October.....	..	..	..	..	1	..	..	1	..	1	..	1	..	..	..	..	1	1	..	2	5 00	20 00	25 00
November.....	1	..	..	1	1	..	..	1	..	..	..	..	..	1	..	1	2	1	..	3	1,000 00	500 00	1,500 00
December.....	5	..	..	5	..	2	..	2	..	2	1	3	1	1	..	2	6	5	1	12	398 00	182 00	580 00
Total.....	15	3	..	18	5	2	..	7	..	10	3	13	12	11	..	23	32	26	3	61	\$33,931 00	\$124,807 00	\$158,738 00

Number of buildings in district, as per report for 1883—

Dwellings..... 5,800

Business..... 3,700

Total..... 9,500

Number of fires in dwellings..... 32

Number of fires in business buildings..... 26

Total fires in buildings..... 58

Number of dwellings to each fire..... 181

Number of business places to each fire..... 142

Number of buildings to each fire..... 164

Twelfth District—Part of City lying north of Spuyten Duyvil Creek and Kingsbridge Road, etc.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January	I	I	..	..	..	..	..	..	I	I	\$400 00	\$200 00	\$600 00
February.....
March.....
April.....	I	..	I	..	..	..	..	..	I	..	I	.....	.....	.....
May.....
June.....
July.....
August.....
September.....
October.....
November.....
December.....
Total.....	I	I	2	..	..	..	..	..	I	I	2	\$400 00	\$200 00	\$600 00

Number of buildings in district, as per report for 1883—

Dwellings..... 862

Business..... 768

Total..... 1,630

Number of fires in dwellings..... ..

Number of fires in business buildings..... 1

Total fires in buildings..... 1

Number of dwellings to each fire..... ..

Number of business places to each fire..... 768

Number of buildings to each fire..... 1,630

Thirteenth District—Governor's, Bedloe's, Ellis', Blackwell's, Ward's, Randall's and North Brothers' Islands.

MONTHS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Buildings.	Contents.	Total.
January.....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	1	\$50 00	.....	\$50 00
February.....	1	..	..	1	..	..	..	..	1	..	..	1	..	..	..	..	2	..	..	2	.....	\$75 00	75 00
March.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
April.....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	250 00	10 00	260 00
May.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
June.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
July.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
August.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
September.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
October.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
November.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
December.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	.....	.....
Total.....	2	..	..	2	..	..	..	..	1	..	..	1	1	..	..	1	4	..	..	4	\$300 00	\$85 00	\$385 00

Number of buildings in district, as per report for 1883—

Dwellings..... 134

Business..... 184

Total..... 318

Number of fires in dwellings..... 4

Number of fires in business buildings..... ..

Total fires in buildings..... 4

Number of dwellings to each fire..... 34

Number of business places to each fire..... ..

Number of buildings to each fire..... 80

Recapitulation.

DISTRICTS.	IN HEATING.				IN ILLUMINATING.				IN MANUFACTURING AND OTHER BUSINESS.				MISCELLANEOUS.				NUMBER OF FIRES.				NUMBER OF BUILDINGS, AS PER REPORT FOR 1883.				AVERAGE NUMBER OF BUILDINGS TO EACH FIRE.			LOSS.		
	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Business.	Other Places.	Total.	Dwellings.	Buildings etc.	Total.	Dwellings.	Business, etc.	Total.	Buildings.	Contents.	Total.					
First	5	20	..	25	8	28	..	36	1	47	2	50	7	60	6	73	21	155	8	184	1,128	3,928	5,056	54	25	29	\$59,029 00	\$478,065 00	\$537,094 00	
Second.....	13	3	..	16	12	7	..	19	2	9	2	13	15	16	2	33	42	35	4	81	2,592	1,011	3,603	62	29	47	16,890 00	106,654 00	123,544 00	
Third	3	12	..	15	5	15	..	20	..	15	..	15	3	50	..	53	11	92	..	103	390	1,306	1,696	35	14	16	39,140 00	665,013 00	704,153 00	
Fourth	74	32	1	107	170	47	2	219	3	47	4	54	131	99	3	233	378	225	10	613	9,957	2,954	12,911	26	13	21	89,946 00	474,935 00	564,881 00	
Fifth	91	39	..	130	78	58	6	142	9	56	4	69	99	96	8	203	277	249	18	544	16,301	4,533	20,834	59	18	40	144,631 00	465,511 00	610,142 00	
Sixth	90	23	1	114	98	37	..	135	8	56	2	66	89	77	6	172	285	193	9	487	21,273	5,230	26,503	75	27	55	172,094 00	414,649 00	586,743 00	
Seventh	7	1	2	10	1	3	..	4	1	2	..	3	5	1	..	6	14	7	2	23	2,347	802	3,149	168	115	150	6,860 00	30,543 00	37,403 00	
Eighth	17	4	1	22	40	6	..	46	1	17	1	19	39	23	5	67	97	50	7	154	8,775	1,673	10,448	90	32	71	13,158 00	31,537 00	44,695 00	
Ninth	5	..	..	5	2	1	..	3	3	3	7	13	10	2	3	15	20	6	10	36	1,660	1,291	2,951	83	215	114	20,682 00	8,857 00	29,539 00
Tenth.....	20	3	1	24	13	6	1	20	4	11	3	18	31	19	2	52	68	39	7	114	6,016	1,336	7,352	88	34	69	25,004 00	51,626 00	76,630 00	
Eleventh	15	3	..	18	5	2	..	7	..	10	3	13	12	11	..	23	32	26	3	61	5,800	3,700	9,500	181	142	164	33,931 00	124,807 00	158,738 00	
Twelfth .....	..	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	1	1	2	862	768	1,630	..	768	1,630	400 00	200 00	600 00
Thirteenth.....	2	..	..	2	..	..	..	..	1	..	..	1	1	..	..	1	4	..	..	4	134	184	318	34	..	80	300 00	85 00	385 00
Total.....	342	140	6	488	432	210	9	651	33	274	29	336	442	454	35	931	1,249	1,078	79	2,406	77,235	28,716	105,951	62	27	44	\$622,065 00	\$2,852,482 00	\$3,474,547 00	

Indictments and Convictions for Arson, Incendiarism, etc.

DESCRIPTION OF PERSON.						NATURE OF CHARGE AND CIRCUMSTANCES.	NATURE OF INDICTMENT AND DATE.	WHEN AND OF WHAT CONVICTED.	SENTENCE AND REMARKS.
Name.	Age.	Sex.	Color.	Nativity.	Occupation.				
Wm. Cunningham...	19	Male	White	United States..	None.....	{ For setting fire to and burning premises of Wm. D. Bruns, Jr., No. 393 Avenue A, December 2, 1883. Held in default of \$1,000 bail, January 25, 1884. }	Arson, 3d degree, and burglary, January 29, 1884. }	Arson, 3d degree, February 14, 1884. }	Five years in the Elmira Reformatory.
Joseph Coletta	30	"	"	Russia.....	Tailor	{ Setting fire to and burning premises No. 151 Essex street, occupied by him as a shop, January 30, 1884. Held in default of \$1,000 bail, February 2, 1884. }	Arson, 1st degree, and grand larceny, February 8, 1884. }	Jury disagreed, April 12, 1884.	
Paolo Gangi	30	"	"	Italy.....	Barber	{ Setting fire to and burning premises No. 464 West Thirty-third street, February 17, 1884. Arrested on bench warrant and lodged in the Tombs. }	Arson, 1st degree, February 25, 1884. }	Arson, 1st degree, April 25, 1884. }	Fifteen years in the State Prison.
Wilhelm Messner...	23	"	"	Germany.....	Cabinet-maker.	{ Attempting to set on fire premises No. 306 Eleventh avenue, March 8, 1884. Held in default of \$1,000 bail, March 12, 1884. }	Attempt to commit arson, March 14, 1884. }	Attempt to commit arson, 3d degree, April 14, 1884. }	Two years and six months in the State Prison.
Jane Bondy.....	40	Female.	Colored	United States..	Cook.....	{ Setting fire to premises corner Eighth avenue and One Hundred and Forty-sixth street, March 19, 1884. Held in default of \$1,000 bail, March 19, 1884. }	Attempt to commit arson, 1st degree, March 26, 1884. }	Attempt to commit arson, 1st degree, March 27, 1884. }	Three years and six months in the Penitentiary.
Samuel Spanier	26	Male	White	Poland.....	Ironer.....	{ Setting fire to and burning premises No. 172 Delancey street, August 8, 1884. }	Arson, September 5, 1884. }		{ Tried and jury disagreed and he was discharged on his recognizance, October 31, 1884. }
Israel T. Davis.....	51	"	"	"	Clothing dealer	{ Setting fire to and burning premises No. 86 Catharine street, August 18, 1884. }	Arson, September 5, 1884. }		{ Dismissed by Grand Jury, September 30, 1884. }
G. Richter.....	55	"	"	"	Teacher.....	{ Setting fire to and burning premises No. 219 Division street, October 5, 1884. }			{ Discharged same day, for want of evidence. }
Leo Gertig.....	48	"	"	"	Saloon keeper.	{ Were jointly indicted for murder for having set fire to premises No. 234 Rivington street, on September 20, 1884, thereby causing the death of the wife of Leo Gertig. }			
Albert Rudnicki	40	"	"	"	Baker.....				
Alfred McKenna....	30	"	"	Ireland.....	Waiter.....	{ Setting fire to and burning premises No. 207 Hudson street, December 9, 1884. }	Arson, 1st degree, December 17, 1884. }		{ Discharged December 29, 1884, it appearing that prisoner was suffering from delirium tremens at time of fire. }
Thomas Keating....	19	"	"	United States..	Carpenter.....	{ Setting fire to and burning premises No. 1290 Third avenue, on December 23, 1884. }			{ Case dismissed by Grand Jury, December 29. }

Operations under the Laws Regulating the Storage of Combustibles and Explosive Materials, etc., for the Year.

COMPLAINTS OF VIOLATIONS, ETC.	Pending December 31, 1883.	Received since.	Total to be Disposed of.	DISPOSITION.						Now Pending.
				Complied on Notice.	Unfounded.	Penalties Collected.	Penalties Remitted.	Prosecution Recommended.	Total.	
Selling kerosene oil below test.....	6	8	14	..	..	3	5	3	11	3
Selling kerosene oil without license.....	..	67	67	..	..	..	..	67	67	..
Chimney fires.....	54	263	317	..	..	65	217	4	286	31
Hoistways found open after conclusion of business.....	13	10	23	..	..	2	10	2	14	9
Fire-hydrants obstructed	61	46	107	104	..	..	..	..	104	3
Lights unprotected.....	1	285	286	286	..	..	..	..	286	..
Want of fire extinguishing appliances	13	..	13	..	..	..	..	..	..	13
Want of telegraphic communication.....	2	13	15	8	..	..	..	2	10	5
Combustible material in excessive quantity....	..	1	1	..	..	..	..	1	1	..
Kerosene or naphtha, etc., in excessive quantity or improperly stored.....	1	7	8	6	2	..	..	..	8	..
Fireworks, chemicals, matches, etc., kept without permit.....	..	7	7	2	..	..	..	5	7	..
Powder, etc., improperly stored, transported, etc.....	..	1	1	..	..	..	..	1	1	..
Chimneys, flues, heating apparatus, etc., unsafe.....	..	90	90	76	10	..	..	..	86	4
Ashes in wooden boxes, etc.....	..	8	8	8	..	..	..	..	8	..
Hay, straw, cotton, rags and other vegetable fibre stored in excessive quantity.....	12	..	12	..	..	..	..	..	..	12
Lime, spirits, varnish, lumber, etc., stored in excessive quantity.....	1	..	1	..	..	..	..	..	..	1
Total.....	164	806	970	490	12	70	232	85	889	81

Special surveys made to determine the fitness of premises for the storage of combustibles or explosive materials

549

Samples of kerosene oil collected and tested.....

2,063

Money Received for Licenses and Permits Issued, Penalties Collected, Sale of Explosives, etc., Seized, etc.

For 3,527 kerosene oil licenses issued, at \$10.....

\$35,270 00

For 95 powder licenses issued, at \$2

190 00

For 436 special permits issued, at \$2.....

872 00

For 25 wholesale fireworks permits issued, at \$2

50 00

For 12 retail fireworks permits issued, at \$1.....

12 00

For 49 retail fireworks permits issued, at 50 cents.....

24 50

For 1,708 retail fireworks permits issued, at 25 cents

427 00

For 121 kindling fire in street permits issued, at 50 cents

60 50

Total for licenses and permits

\$36,906 00

For *4 penalties for selling kerosene oil below test, at \$50.....

\$200 00

For 65 penalties for chimney fires, at \$5

325 00

For *3 penalties for hoistways left open, at \$50

150 00

Proceeds sale of powder seized

6 75

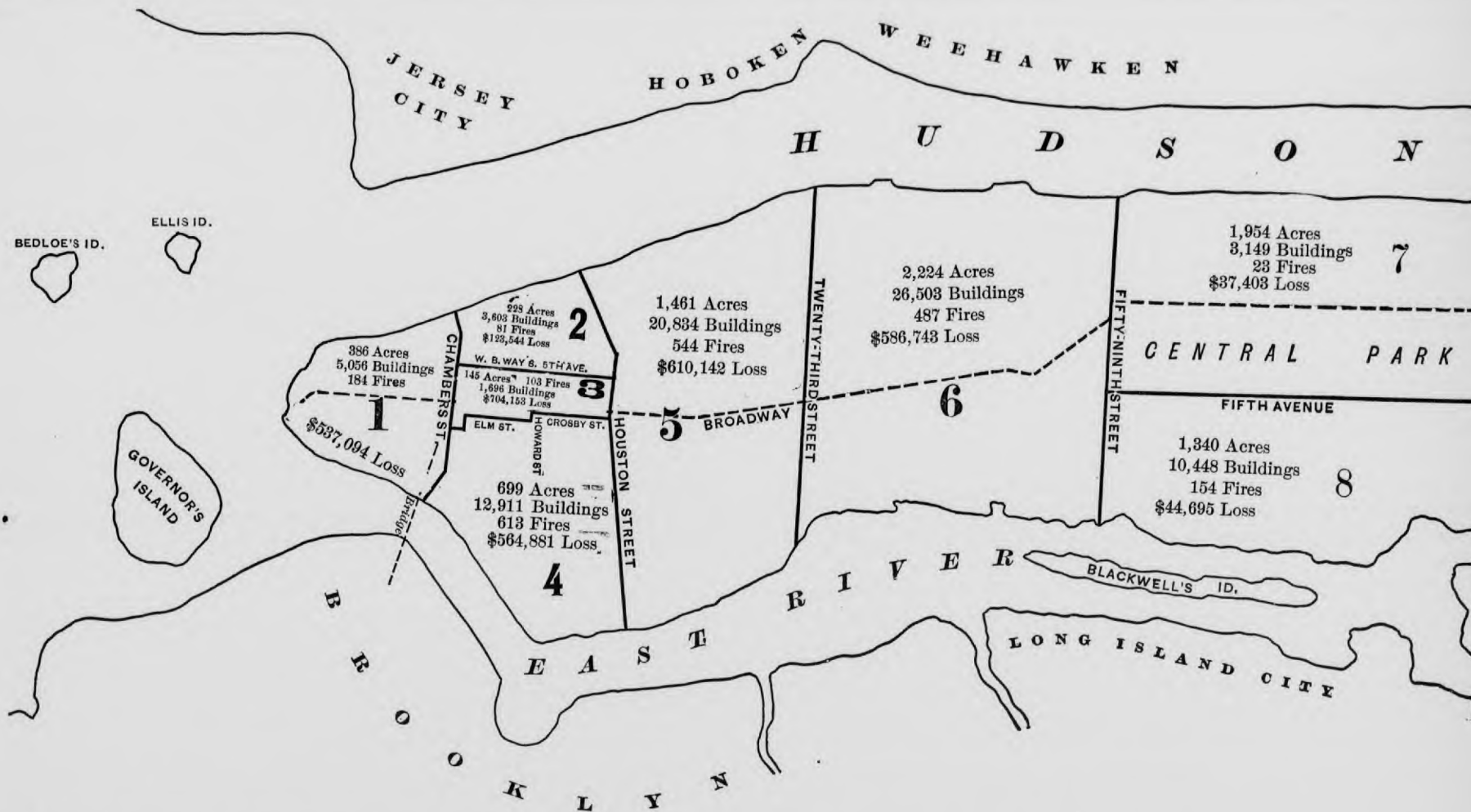
Total for penalties.....

681 75

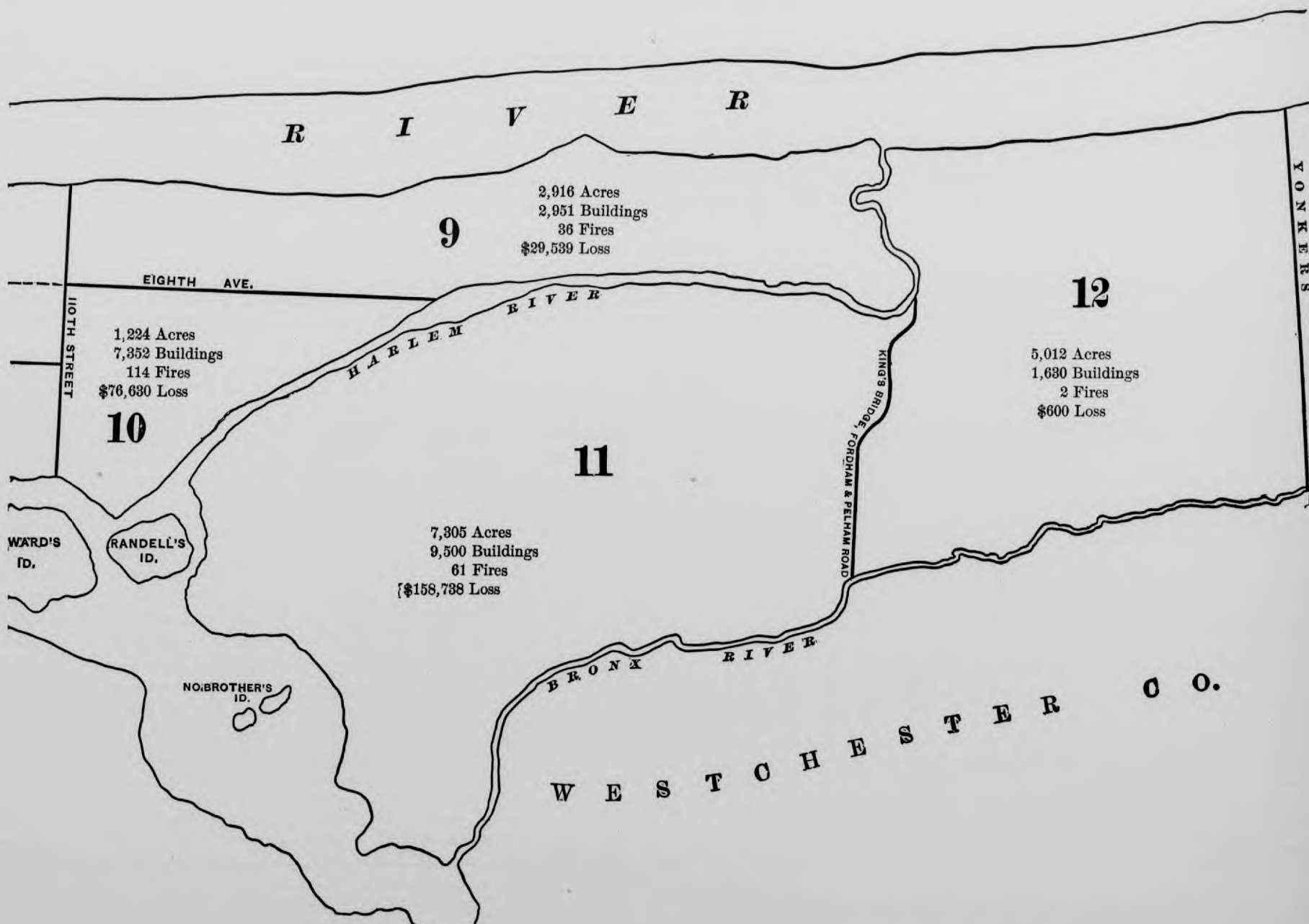
Total received and turned over to the Relief Fund

\$37,587 75

* Includes one case previously recommended for prosecution.



NOTE.—The true positions of Bedloe's and Ellis Islands are considerably south and west of the locations given them for convenience on this map. The number of buildings on all of the islands is 318, and the number of fires was 4, the loss being \$385. The number of buildings is taken from the report for 1883.



Plans and Specifications for New Buildings Filed and Acted upon during the Year.

CLASSIFICATION.	Pending last report.	Received since.	Total.	Approved.	Amended and Approved.	Disapproved.	Now Pending.	Total.	ESTIMATED COST.
Dwelling-houses—Estimated cost over \$50,000.....	..	4	4	2	1	1	..	4	\$375,000 00
Dwelling-houses—Estimated cost between \$20,000 and \$50,000.....	..	135	135	103	26	6	..	135	3,330,500 00
Dwelling-houses—Estimated cost less than \$20,000.....	6	459	465	293	103	61	8	465	4,157,250 00
Flats—Estimated cost over \$15,000.....	..	182	182	66	99	17	..	182	7,837,600 00
Tenement-houses—Estimated cost less than \$15,000.....	3	1,010	1,013	508	454	46	5	1,013	14,992,100 00
Hotels and boarding-houses.....	..	5	5	..	4	1	..	5	161,600 00
Stores—Estimated cost over \$30,000.....	..	32	32	7	21	4	..	32	1,856,150 00
Stores—Estimated cost between \$15,000 and \$30,000.....	..	45	45	24	12	9	..	45	1,020,562 00
Stores—Estimated cost less than \$15,000.....	..	80	80	33	45	2	..	80	391,650 00
Office buildings.....	..	22	22	8	12	2	..	22	1,478,050 00
Manufactories and workshops.....	6	134	140	78	54	6	2	140	1,443,040 00
School-houses.....	..	4	4	..	..	..	..	4	353,000 00
Churches.....	..	8	8	5	2	1	..	8	430,000 00
Public buildings—Municipal.....	..	11	11	9	2	..	..	11	498,400 00
Public buildings—Places of amusement, etc.....	..	20	20	9	11	..	..	20	1,060,800 00
Stables.....	..	91	91	47	38	6	..	91	742,600 00
Frame dwellings in Twenty-third and Twenty-fourth Wards.....	..	410	410	333	67	8	2	410	1,125,730 00
Other frame structures.....	..	245	245	164	42	35	4	245	187,176 00
Total.....	15	2,897	2,912	1,693	993	205	21	2,912	\$41,461,208 00

Plans and Specifications for Alterations to Buildings Filed and Acted upon during the Year.

CLASSIFICATION.	Pending last report.	Received since.	Total.	Approved.	Amended and Approved.	Disapproved.	Now Pending.	Total.	ESTIMATED COST.
Dwelling-houses.....	..	587	587	387	159	37	4	587	\$839,260 00
Flats.....	..	72	72	48	17	7	..	72	470,837 00
Tenement-houses.....	1	446	447	285	117	33	12	447	573,152 00
Hotels and boarding-houses.....	..	52	52	32	12	8	..	52	292,208 00
Stores.....	..	205	205	117	60	24	4	205	469,538 00
Office buildings.....	..	99	99	51	38	10	..	99	511,375 00
Manufactories and workshops.....	1	310	311	188	85	33	5	311	582,843 00
School-houses.....	..	12	12	8	3	1	..	12	102,883 00
Churches.....	..	16	16	13	3	..	..	16	118,450 00
Public buildings.....	..	28	28	15	6	4	..	28	285,050 00
Stables.....	..	75	75	49	21	5	..	75	123,560 00
Frame buildings.....	1	558	559	373	107	77	2	559	890,376 00
Total.....	3	2,460	2,463	1,569	628	239	27	2,463	\$4,659,532 00

Complaints Received and Investigated during the Year.

NATURE.	Pending.	Received since.	Total.	Unfounded.	Remitted on Verbal Notice.	Notices to be issued.	Total.	Now Pending.
Defective flues.....	4	148	152	52	25	71	148	4
Defective construction and materials.....	..	39	39	22	3	11	36	3
Defective leaders.....	2	104	106	17	7	74	98	8
Erecting and altering without permit.....	1	47	48	32	2	11	45	3
Frame structures erected and removed without permit.....	2	164	166	87	3	75	165	1
Front iron shutters which cannot be opened from the outside.....	37	1	38	6	..	27	33	5
Hoistway openings not guarded.....	1	19	20	7	2	10	19	1
Insufficient means of escape, fire-escapes out of repair, etc.....	171	390	561	243	26	254	523	38
No iron shutters.....	2	3	5	1	..	2	3	2
Stairway openings floored over.....	..	28	28	9	6	13	28	..
Unsafe buildings.....	19	963	982	421	56	497	974	8
Woodwork too near flues, steam-pipes, etc.....	..	1	1	..	1	..	1	..
Total.....	230	1,907	2,146	897	131	1,045	2,073	73

Violations of Law and Unsafe Buildings during the Year.

NATURE.	Pending last report.	Received since.	Total for Disposition.	Removed before Action by Courts.	Removed on Order of Courts.	Dismissed by Courts.	Discontinued.	Total Final Disposition.	Now Pending.	Forwarded for Prosecution.
Defective construction, materials, etc.....	193	1,204	1,397	1,060	3	12	110	1,185	212	536
Erecting, altering or removing without permit, or after disapproval.....	131	771	902	645	..	37	27	709	193	370
Insufficient means of escape, fire-escapes, aisles obstructed, etc.....	869	2,662	3,531	1,956	8	35	202	2,201	1,330	909
Unsafe buildings.....	292	1,729	2,021	1,442	6	2	31	1,481	540	24
Total.....	1,485	6,366	7,851	5,103	17	86	370	5,576	2,075	1,839

Number of meetings of Board of Examiners.....	26
Number of cases acted upon by Board of Examiners.....	292
Number of applicants for appointment as Examiners examined.....	32
Of which were found qualified.....	25
Disqualified.....	5
Laid over.....	2

Petitions for Modification of the Law.

	APPROVED.	DISAPPROVED.	TOTAL.
New buildings.....	128	19	147
Alterations.....	105	10	115
Iron shutters.....	28	2	30

The following Tabular Statements show the Operations of the Bureau since it became a part of the Fire Department, viz.: August 1, 1880, to December 31, 1884.

NATURE.	AUGUST 1 TO DECEMBER 31, 1880.	1881.	1882.	1883.	1884.	TOTALS.
Number of proposed new buildings.....	973	2,682	2,577	2,623	2,897	11,752
Estimated cost of same.....	\$12,205,290	\$43,391,300	\$44,793,186	\$44,304,638	\$41,461,208	\$186,155,622
Number of buildings proposed to be altered.....	373	1,497	1,691	1,870	2,460	7,891
Estimated cost of same.....	\$681,136	\$4,142,070	\$4,267,181	\$4,540,436	\$4,659,532	\$18,290,355
Violations (other than fire-escapes) reported.....	240	761	1,086	1,134	1,975	5,196
Violations (other than fire-escapes) removed.....	248	838	1,070	1,239	1,894	5,289
Unsafe buildings reported.....	160	920	1,348	946	1,729	5,103
Unsafe buildings made safe.....	148	488	1,373	816	1,361	4,186
Unsafe buildings taken down.....	10	78	205	73	87	453
Buildings reported for additional means of escape in case of fire.....	277	544	1,443	1,562	2,662	6,488
Buildings provided with additional means of escape in case of fire.....	84	825	842	1,328	1,964	5,043
Notices issued.....	1,372	4,422	6,279	5,471	9,417	26,961
Complaints received.....	1,285	5,030	3,237	2,465	1,907	13,924
Cases forwarded for prosecution.....	123	723	1,022	1,404	1,839	5,111

Table showing the Number of Plans Submitted for the Erection and Alterations of Buildings, the Number of Violations of Law and Unsafe Buildings Reported, and the Number of Complaints Received from 1862 to 1884, inclusive.

NATURE.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.
Plans submitted for new buildings and alterations.....	41	120	210	327	435	1,492	1,282	2,492	2,367	2,697	2,327	2,136
Violations reported, other than fire-escapes.....	823	267	208	153	826	854	486	400	882	1,724	513	569
Buildings reported for fire-escapes.....	*	*	*	*	*	*	7,306	1,893	1,979	973	770	2,215
Complaints received.....	127	295	234	267	335	426	334	306	340	263	459	370
Unsafe buildings reported.....	65	182	88	155	282	311	258	338	515	1,007	438	953
Total cases acted upon.....	1,056	864	740	902	2,078	3,083	9,666	5,429	6,083	6,664	4,507	6,443

NATURE.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	TOTAL.
Plans submitted for new buildings and alterations.....	2,211	2,023	1,850	2,004	1,874	2,261	2,355	2,658	2,915	3,548	3,949	43,774
Violations reported, other than fire-escapes.....	817	819	576	472	994	573	567	761	1,086	1,134	1,975	17,479
Buildings reported for fire-escapes.....	1,436	1,606	1,654	1,505	1,188	678	1,402	544	1,443	1,562	2,662	30,816
Complaints received.....	583	600	383	487	394	499	1,884	5,030	3,237	2,465	1,907	21,425
Unsafe buildings reported.....	1,546	1,630	1,551	1,210	894	733	585	920	1,348	946	1,729	17,684
Total cases acted upon.....	6,593	6,678	6,014	5,678	5,344	4,744	6,793	9,913	10,029	9,655	12,222	131,178

Number and Estimated Cost of Buildings Proposed to be Erected and Altered, from 1868 to 1884, inclusive.

YEAR.	NEW BUILDINGS.		ALTERATIONS TO BUILDINGS.		TOTAL COST.
	Number.	Estimated Cost.	Number.	Estimated Cost.	
1868.....	2,014	\$34,517,682 00	||	\$2,168,045 00	\$36,685,727 00
1869.....	2,348	40,352,658 00	||	4,228,174 00	44,580,832 00
1870.....	2,351	34,668,998 00	||	2,816,234 00	37,485,232 00
1871.....	2,782	42,585,391 00	||	4,351,981 00	46,937,372 00
1872.....	1,728	27,884,870 00	1,318	2,788,379 00	30,673,249 00
1873.....	1,311	24,936,535 00	1,311	3,496,995 00	28,433,530 00
1874.....	1,388	16,667,417 00	1,429	3,532,147 00	20,199,564 00
1875.....	1,406	18,226,870 00	1,258	3,200,438 00	21,427,308 00
1876.....	1,379	15,903,880 00	1,177	3,635,478 00	19,539,358 00
1877.....	1,432	13,365,114 00	1,308	3,215,125 00	16,580,239 00
1878.....	1,672	15,219,680 00	1,209	2,621,046 00	17,840,726 00
1879.....	2,065	22,567,322 00	1,373	3,300,110 00	25,867,432 00
1880.....	2,252	29,115,335 00	1,352	3,862,111 00	32,977,446 00
1881.....	2,682	43,391,300 00	1,497	4,142,070 00	47,533,370 00
1882.....	2,577	44,793,186 00	1,691	4,267,181 00	49,060,367 00
1883.....	2,623	44,304,638 00	1,870	4,540,436 00	48,845,074 00
1884.....	2,897	41,461,208 00	2,460	4,659,532 00	46,120,740 00
Totals.....	34,907	\$509,961,484 00	19,253	\$60,825,482 00	\$570,786,966 00

* No record.

† The records show that cases of encumbered fire-escape balconies, and painting and repairing same, were included in this number.

‡ Prior to June 1, 1866, it was optional to file plans.

§ In these years the cost of building was much higher than at present.

|| The number of alterations for these years is not on record.

Table Showing the Number of Unsafe Buildings Made Safe and Taken Down, from 1862 to December 31, 1884, inclusive.

YEAR.	MADE SAFE.	TAKEN DOWN.	TOTAL.
1862.....	49	16	65
1863.....	95	53	149
1864.....	71	37	108
1865.....	86	33	119
1866.....	225	32	257
1867.....	335	22	357
1868.....	235	22	257
1869.....	305	38	343
1870.....	478	52	530
1871.....	892	62	954
1872.....	398	38	436
1873.....	819	58	877
1874.....	1,466	67	1,533
1875.....	1,586	90	1,676
1876.....	1,531	71	1,602
1877.....	1,088	67	1,155
1878.....	855	77	933
1879.....	650	56	706
1880.....	513	56	569
1881.....	488	78	566
1882.....	1,373	205	1,578
1883.....	816	73	889
1884.....	1,361	87	1,448
Aggregate.....	15,717	1,390	17,107

Table Showing the Number of Cases Acted Upon from 1868 to 1884, inclusive.

YEAR.	VIOLATIONS AND UNSAFE BUILDINGS REPORTED, COMPLAINTS RECEIVED, AND PLANS SUBMITTED.	YEAR.	VIOLATIONS AND UNSAFE BUILDINGS REPORTED, COMPLAINTS RECEIVED, AND PLANS SUBMITTED.
1868.....	9,666	1877.....	5,678
1869.....	5,429	1878.....	5,344
1870.....	6,083	1879.....	4,744
1871.....	6,664	1880.....	6,793
1872.....	4,507	1881.....	9,913
1873.....	6,443	1882.....	10,029
1874.....	6,593	1883.....	9,655
1875.....	6,678	1884.....	12,222
1876.....	6,014	Total.....	122,455

Number of Cases Forwarded to the Attorney for Prosecution from 1872 to 1884.

YEAR.	NUMBER OF CASES.	YEAR.	NUMBER OF CASES.	YEAR.	NUMBER OF CASES.
1872.....	107	1877.....	200	1881.....	723
1873.....	247	1878.....	291	1882.....	1,022
1874.....	247	1879.....	240	1883.....	1,404
1875.....	628	* 1880.....	252	1884.....	1,839
1876.....	412	† 1880.....	123	Total.....	7,735

* Seven (7) months in old Department.

† Five (5) months in present Bureau.

ATTORNEY TO THE DEPARTMENT.

Violations of Law Relating to Combustibles, etc., for the Year.

NATURE OF VIOLATIONS.	FOR DISPOSITION.			DISPOSED OF.							Now Pending.
	Pending last report.	Received since.	Total.	BEFORE COMMENCEMENT OF LITIGATION.		AFTER COMMENCEMENT OF LITIGATION.					
				Recalled—Violations Removed.	Recalled for Other Reasons.	Violations Removed before Trial.	Judgment for Department.	Penalty Paid and Discontinued.	Dismissed.	Total.	
Selling kerosene oil below test.....	..	3	3	..	..	..	..	* 1	2	3	..
Selling kerosene oil without license....	..	67	67	16	..	28	8	..	15	67	..
Chimney fires.....	..	4	4	..	..	..	..	..	4	4	..
Hoistways open after conclusion of business.....	1	2	3	..	..	..	..	* 1	1	2	1
Combustible material in excessive quantity.....	..	1	1	..	..	..	..	..	1	1	..
Storing powder, etc., without permits..	..	1	1	..	..	..	..	1	..	1	..
Selling percussion caps, fireworks, etc., without license.....	9	5	14	..	..	12	1	..	1	14	..
Failure to provide telegraphic communication.....	..	2	2	..	1	..	..	..	1	2	..
Total.....	10	85	95	16	1	40	9	3	25	94	1

* The penalty was collected and turned into the Relief Fund by the Inspector of Combustibles.

Violations of Law Relating to Buildings for the Year.

NATURE OF VIOLATIONS.	FOR DISPOSITION.			DISPOSED OF.							Now Pending.
	Pending last report.	Received since.	Total.	BEFORE COMMENCEMENT OF LITIGATION.		AFTER COMMENCEMENT OF LITIGATION.					
				Recalled—Violations Removed.	Recalled for Other Reasons.	Violations Removed before Trial.	Violations Removed after Judgment.	Dismissed by Court.	Dismissed for Irregularity or Insufficiency of Papers.	Total.	
Defective construction, materials, etc..	142	536	678	260	32	152	21	9	103	577	101
Erecting, altering or removing without permit or after disapproval...}	103	370	473	115	12	159	6	30	64	386	87
Insufficient means of escape, fire-escapes, aisles obstructed, etc....}	442	909	1,351	167	168	422	43	25	509	1,334	17
Unsafe buildings.	2	24	26	..	2	4	9	3	6	24	2
Total.....	689	1,839	2,528	542	214	737	79	67	682	2,321	207

Miscellaneous Business.

NATURE.	PENDING LAST REPORT.	RECEIVED.	TOTAL.	DISPOSED OF.	NOW PENDING.
Opinions required.....	6	22	28	23	5
Agreements.....	1	4	5	5	..
Total.....	7	26	33	28	5

Claims for Damage to Department Property.

AGAINST.	NATURE OF CLAIM.	AMOUNT.	DISPOSITION.
U. S. Illuminating Co.....	Damage to street alarm-boxes.....	\$125 00	Still pending.
Brush Electric Lighting Co.....	Damage to street fire-alarm boxes.....	.....	Still pending.

Penalties Collected.

For violations of the laws relating to combustibles, etc., selling fireworks without permit (turned over to the Treasurer of the Relief Fund).....	\$50 00
For violations of the laws relating to buildings (turned into the Finance Department) being for Violation Cases No. 239 of 1882, \$67.50; No. 670 of 1882, \$109.50; No. 936 of 1883, \$14; and No. 321 of 1884, \$50.....	241 00

Cases against the Department.

NAME OF PLAINTIFF.	Pending Dec. 31, 1883.	Received.	NATURE OF ACTION.	HOW DISPOSED OF.	Pending Dec. 31, 1884.
The People ex rel. J. S. Craft.....	1	..	Certiorari to review removal...	.....	1
The People ex rel. L. M. Harned....	1	..	Certiorari to review removal...	.....	1
The People ex rel. E. W. Van Horn..	1	..	Certiorari to review removal...	.....	1
The People ex rel. William Dodge..	1	..	Certiorari to review removal...	.....	1
The People ex rel. F. McGinley....	..	1	Certiorari to review removal...	.....	1
The People ex rel. Abraham Walton..	..	1	Certiorari to review removal...	Dismissed.....	..
The People ex rel. E. G. Dumahaut..	1	..	Certiorari to review removal...	Relator reinstated.....	..
Patrick Shea.....	1	..	Damages for personal injuries...	Discontinued.....	..
James Durkin, administrator.....	1	..	Damages for personal injuries...	Discontinued.....	..
Thomas O'Connor.....	..	1	Damages for personal injuries...	.....	1
Mary E. Pinckney, administratrix..	..	1	Damages for personal injuries...	.....	1
Joseph Summer.....	1	..	Claim for services as clerk.....	{ Abated by reason of the death of the plaintiff... }	..
R. S. Ransom, receiver.....	1	..	{ Damages for posting notice on unsafe building..... }	Discontinued.....	..
William Terhune.....	1	..	Claim for services as clerk.....	.....	1
Albert P. Fuller.....	1	..	Claim for services as clerk.....	.....	1
Edward G. Dumahaut.....	1	..	Application for injunction.....	Discontinued.....	..
Health Department.....	..	1	Application for injunction.....	.....	1
The People ex rel. T. G. Thomas....	..	1	Application for mandamus.....	Discontinued.....	..
Total.....	12	6		8	10

Fire Alarm Telegraph.

RECEIVED AT HEADQUARTERS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
First alarms from street boxes ...	171	125	143	138	121	134	101	97	123	124	129	173	1,579
First alarms from Police Headquarters.....	..	..	1	..	2	..	1	..	..	..	..	1	5
First alarms from citizens (verbal).....	1	1	..	..	..	1	1	1	..	..	..	..	5
First alarms from Automatic Signal Telegraph Co.....	..	3	1	1	3	3	2	1	2	2	6	1	25
First alarms from Mutual District Co.....	3	2	1	..	..	1	..	..	..	..	1	2	10
Second alarms.....	7	6	9	14	11	9	4	8	8	8	10	10	104
Third alarms.....	6	1	2	14	10	6	3	3	3	7	4	9	68
Special calls for companies.....	24	10	10	23	34	18	8	4	14	6	9	18	178
Special calls for distant companies simultaneous.....	..	..	..	1	1	..	1	..	..	..	..	..	3
Special calls for increased water pressure.....	22	12	20	40	30	20	8	14	12	18	22	26	244

RECEIVED AT HEADQUARTERS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	YEAR.
Special calls for Insurance Patrol.	6	6	7	15	1	6	5	4	3	6	9	8	76
Special calls for ambulances.....	34	14	12	25	25	32	33	31	51	20	19	15	311
Special building signals.....	2	2	1	2	..	1	1	..	1	1	..	2	13
Total alarms and calls.	276	182	206	274	236	232	167	164	218	192	209	265	2,621
Messages transmitted.....	420	392	385	363	523	435	277	526	499	359	419	430	5,028
Messages received.....	611	450	514	482	546	507	399	415	548	460	438	577	5,947
Total messages.....	1,031	842	899	845	1,069	942	676	941	1,047	819	857	1,007	10,975
Notice of companies leaving quarters on verbal alarms..}	78	76	77	88	71	94	74	55	62	70	72	97	914

Number of Fire-alarm Keys Issued.

To the uniformed force.....	943
To others in the Department.....	12
To the Police Department.....	3,000
To the Fire Insurance Patrol.....	135
To the District Telegraph Companies, etc.....	88
To householders.....	2,388
To citizens.....	1,986
Total.....	8,552

Number of Circuits, Poles, Boxes, etc.

There are sixty-nine circuits, with an aggregate length of eight hundred and eighty-seven miles of wire, strung exclusively on poles, six thousand two hundred and eighty-five in number, as follows:

Forty-four alarm-box signal circuits, including two special on East river islands.
Eight alarm-gong circuits to company quarters, etc.
Four combination alarm and talking circuits.
Twelve telephone and dial circuits.
One bell-tower circuit.

Connected with the alarm-box signal circuits there are six hundred and thirty-three street alarm-boxes, seventeen of which have keyless outer doors, dispensing with the use of a key for sending a first alarm of fire, and the remaining six hundred and sixteen have the old pattern door requiring a key, which are to be gradually fitted with the improved keyless door. Twenty-five special building boxes, placed in public institutions, etc., are also connected with these circuits.

Upon independent circuits there are one hundred and seventeen special building boxes, placed in private buildings at the expense of the owners, connected with the fire-alarm system.

Damage Caused by Interference of Electric-light Wires.

The electrical portion of two telephone sets and of eight street alarm-boxes were practically destroyed by contact of electric illuminating wires with those of the Department.

Transmission of Special Calls, etc.

Arrangements were made for transmitting special calls for the Fire Insurance Patrol to them from the Central Office independently, thus relieving the uniformed force from the necessity of hitching up on their receipt. It is intended to make a similar arrangement in the transmission of ambulance calls as soon as possible, and, if found to be practicable, to afford still further relief to the uniformed force by dividing the transmission of first alarms so that the several companies (in the lower part of the city at least) will not receive all the alarms transmitted for distant locations.

SANITARY STATISTICS OF THE UNIFORMED FORCE.

DURING THE YEARS—	INJURIES.		DISEASES.		AGGREGATE.	
	No. of Cases.	No. of Days lost.	No. of Cases.	No. of Days lost.	No. of Cases.	No. of Days lost.
1877.....	59	1,818	144	1,170	203	2,988
1878.....	74	1,374	146	2,379	220	3,753
1879.....	153	2,670	205	2,086	358	4,756
1880.....	188	3,879	207	2,916	395	6,795
1881.....	166	3,391	238	4,138	404	7,529
1882.....	219	4,481	329	5,432	548	9,913
1883.....	207	3,601	516	7,785	723	11,386
1884.....	202	4,302	472	6,086	674	10,388
Total.....	1,268	25,516	2,257	31,992	3,525	57,508

Examination of Candidates for Appointment to the Uniformed Force.

Number found qualified.....	97
Number found disqualified.....	116
Total examined.....	213

Deaths in the Uniformed Force.

NAME.	GRADE.	COMPANY.	DATE OF APPOINTMENT.	DATE OF DEATH.	CAUSE.
Finn, Patrick.....	Foreman.....	H. & L. No. 10...	Jan. 30, 1873	Feb. 9	Pneumonia.
Galbraith, W. J.....	Fireman.....	" 12...	Apr. 30, 1866	" 25	Cancer of stomach.
Feeney, P. T.....	Private, 2d Grade....	Engine No. 43...	Jan. 1, 1882	Mar. 22	Phthisis.
Doyle, Patrick.....	" 3d ".....	" 44...	July 3, 1872	May 30	"
Wallace, Joshua A.....	" 2d ".....	" 12...	Nov. 19, 1880	June 25	Killed at fire.
Mahon, John.....	" 2d ".....	H. & L. No. 7...	Nov. 8, 1881	July 4	Heart disease.
Roche, James F.....	Fireman.....	" 6...	July 3, 1872	Sept. 17	Died from injuries.
Woods, Patrick.....	Private, 3d Grade....	Engine No. 10...	July 4, 1883	Oct. 31	Bright's disease.

Retired from all Service during the Year.

NAME.	GRADE.	COMPANY.	DATE OF APPOINTMENT.	DATE OF RETIREMENT.	CAUSE.
Taylor, James F.....	Assistant Engineer...	Engine No. 8	Apr. 16, 1865	Feb. 1	Near sighted.
Scott, James.....	".....	" 18	May 20, 1868	" 7	Softening of brain.
Foy, Patrick.....	Fireman.....	H. & L. No. 14	Sept. 1, 1872	" 11	General debility.
McEntee, Patrick J...	".....	" 1	Jan. 3, 1873	" 11	Chronic rheumatism.
Beattie, Robert.....	".....	Engine No. 18	Dec. 8, "	" 11	"
Loesch, Nicholas P...	".....	" 11	Mar. 23, 1876	Mar. 1	Loss of right foot.
Willett, Charles.....	".....	" 39	Oct. 13, 1865	" 1	General debility.
Dempsey, Daniel.....	".....	" 9	Sept. 1, 1871	" 10	Epilepsy.
Lyons, Patrick.....	Private, 2d Grade...	H. & L. No. 2	Aug. 20, 1881	" 15	Vertigo.
Gordon, William M...	Fireman.....	Engine No. 51	Sept. 14, 1865	" 15	Phthisis.
Levins, James A.....	".....	" 21	July 3, 1871	" 31	"
Post, John C.....	".....	" 35	Oct. 2, 1865	Apr. 1	General debility.
Newman, John.....	".....	H. & L. No. 19	Sept. 1, "	" 1	Rheumatism.
Connor, Alfred.....	".....	Engine No. 18	Jan. 1, 1873	" 1	Stiff leg, result of injury.
Nash, Benjamin F.....	Foreman.....	" 45	Sept. 2, 1869	" 1	Chronic rheumatism.
Riker, William.....	Private, 3d Grade...	" 42	Jan. 15, 1874	" 1	Rheumatism.
Miller, John W.....	Chief of Battalion...	"	Oct. 2, 1865	" 24	Heart disease.
Bates, Eli.....	Chief of Department.	"	Sept. 6, "	May 1,	Vertigo and near sighted.
Williams, William H...	Assistant Engineer...	Engine No. 46	Mar. 1, 1876	" 10	Heart disease.
McDonald, Clinton...	Foreman.....	" 43	Sept. 14, 1865	" 20	Chronic rheumatism.
Gillies, George.....	".....	" 26	Nov. 24, 1866	" 20	"
Wilhelm, Edward W...	Chief of Battalion...	"	July 27, "	Aug. 12	Vertigo.
Farlow, John.....	Foreman.....	Engine No. 10	Aug. 8, "	" 15	Rupture.
Henderson, George...	".....	" 19	Dec. 19, 1865	" 15	"
Coyle, John.....	".....	" 34	Oct. 30, "	" 15	Varicose veins.
Frost, William.....	".....	" 42	Sept. 11, "	" 15	Rheumatism.
McDermott, John A...	Assistant Foreman...	" 17	Apr. 11, 1866	" 15	Fracture of thigh.
Williams, Charles J...	".....	" 38	Jan. 1, 1875	" 15	Near sighted.
Van Orden, John W...	".....	" 45	Apr. 30, 1866	" 15	Heart disease.
Pettitt, James B.....	".....	" 37	May 28, 1868	" 15	General debility.
Roberts, Morris W...	".....	" 49	Oct. 27, 1865	" 15	Stiff ankle, due to injury.
Pattison, Samuel M...	Engineer.....	" 36	July 1, 1874	" 15	Near sighted.
Kosmak, Gustav.....	Assistant Engineer...	" 4	Apr. 26, 1880	" 15	Stiff leg, due to injury.
Reed, William.....	".....	" 27	May 25, 1873	" 15	Near sighted.
Gilmartin, Andrew...	Fireman.....	" 4	Jan. 1, 1873	" 15	Melancholia.
Corcoran, Michael...	".....	" 4	" 1, "	" 15	Chronic rheumatism.
McClane, John.....	".....	" 37	Sept. 18, 1865	" 15	"
Jacobs, George.....	".....	" 38	" 27, "	" 15	"
Olmsted, Robert.....	Assistant Foreman...	" 31	Feb. 1, 1874	" 16	"
Munger, John A.....	".....	" 35	May 19, 1868	" 16	{ Chronic rheumatism and near sighted.

Relieved from Service at Fires during the Year.

NAME.	GRADE.	COMPANY.	DATE OF APPOINTMENT.	DATE WHEN RELIEVED.	CAUSE.
Roland, James.....	Fireman.....	Engine No. 18	Sept. 14, 1875	Mar. 1	Stiff leg, result of injuries.
Ankner, John.....	".....	" 47	Oct. 27, 1865	Apr. 1	Near sighted.
Murfit, William.....	".....	" 50	Aug. 25, 1868	" 1	"

Deaths Among those Retired from all Service.

NAME.	GRADE.	COMPANY.	DATE OF APPOINTMENT.	DATE OF RETIREMENT.	CAUSE OF RETIREMENT.	DATE OF DEATH.	CAUSE OF DEATH.
Gordon, Wm. M.	Fireman.	Engine No. 51	Sept. 14, 1865	Mar. 15, 1884	Phthisis.....	Jan. 31	Hemorrhage.
Ransom, W. K.	"	" 38	Oct. 2, "	Jan. 1, 1878	".....	Aug. 19	Phthisis.

NEW APPARATUS.

The following were received under contracts:
6 steam fire-engines.
1 water tower.
7 four-wheel hose tenders.

Repairs to Apparatus under Contract.

Six steam fire-engines were furnished with new boilers and generally repaired.

REPAIR SHOPS.

The following is summary of the work done by the force employed:

Manufactured.

1 portable water tank.
1 two-wheel hose tender.
1 fuel wagon.
And a large number of wheels, poles, etc.

Rebuilt.

3 hose tenders.
1 hook and ladder truck.
3 fuel wagons.
4 Chiefs of Battalion wagons and buggies.

20 steam fire-engines.
1 hook and ladder truck.
2 floating engines.

*Extensive Repairs to**Ordinary Repairs to*

160 steam fire-engines.
79 hose tenders.
61 hook and ladder trucks.
12 floating engines.
9 fuel wagons.
82 Chiefs of Battalion wagons.
1 telegraph pole truck.
2 buggies.
8 water towers.

And a large amount of miscellaneous repairing and painting.
Sliding poles were put up in twenty-two company quarters.
New heaters were placed and connected with the engines in sixteen houses.
Swinging harness was hung in the quarters of seventeen companies.

HORSES.

Number of horses on hand at the close of 1883, as per the report for that year..... 275
Purchased during 1884..... 53
328

Sold at public auction, being unfit for further service..... 14
Died, of injuries, 2, of disease, 10..... 12
26

On hand December 31, 1884..... 302

Inventory of Apparatus.

	IN SERVICE.	SPARE.	TOTAL.
Marine steam fire-engines (Engine Companies Nos. 43 and 51).....	2	..	2
First size.....	8	11	19
Second size.....	31	8	39
Steam fire-engines.....	6	2	8
Third size.....	15	..	15
Fourth size.....	1	..	1
Fifth size.....	1	..	1
Hose tenders, four-wheeled.....	24	2	26
Hose tenders, two-wheeled.....	36	8	44
Water-towers.....	2	..	2
Hook and ladder trucks.....	22	2	24
Roller-frame, with extension ladder.....	5	2	7
Goose-neck, without extension ladder.....	..	..	1
Roller-frame, without ladders.....	..	..	1
Chemical fire-engines.....	..	10	10
Fuel wagons.....	15	..	15
Wrecking truck.....	1	..	1
Chemical fire-extinguishers owned by the Department.....	134	..	134
Chemical fire-extinguishers on trial.....	22	..	22
Hand engines.....	..	5	5
Hose carriages.....	..	2	2
Hose jumpers.....	..	14	14
Aerial ladders.....	..	4	4
Supply wagon.....	1	..	1
Chief of Battalion wagons.....	12	2	14

Inventory of Hose.

	SIZE.	NUMBER OF FEET.
Combination rubber.....	2½ inch.	81,850
Cotton, rubber lined.....	2½ "	48,617
Linen.....	2½ "	850
Combination rubber.....	3½ "	6,322
".....	4 "	145
".....	6 "	100
Total.....	.....	137,884

Description of Steam Fire Engines—Classified.

SIZE.	STYLE OF—			SIZE IN INCHES OF—			Weight with Water.	When first placed in service.	MANUFACTURER'S—		ENGINE COMPANY NOW USING.
	Frame.	Boiler.	Engine.	Steam Cylinder.	Stroke of Piston.	Pump.			Name.	Number.	
1	Barrel tank...	Tubular...	Double	8	12	4½	8,800	Sept., 1865	Amoskeag....	142	Spare.
1	"	Drop tube.	"	8	12	4½	8,800	Sept., 1865	"	143	"
1	"	"	"	8	12	4½	8,800	Sept., 1866	"	191	"
1	"	Tubular...	"	8	12	4½	8,800	Sept., 1866	"	192	"
1	"	Drop tube.	"	8	12	4½	8,800	Oct., 1866	"	193	"
1	"	"	"	8	12	4½	8,800	Nov., 1866	"	195	"
1	Straight frame.	"	"	8½	8	4½	9,600	Oct., 1872	"	284	"
1	Self-propeller..	Tubular...	"	7½	8	4½	9,600	Sept., 1874	"	491	"
1	"	"	"	7½	8	4½	9,600	Oct., 1874	"	492	"

SIZE.	STYLE OF—			SIZE IN INCHES OF—			Weight with Water.	When first placed in service.	MANUFACTURER'S—		ENGINE COMPANY NOW USING.
	Frame.	Boiler.	Engine.	Steam Cylinder.	Stroke of Piston.	Pump.			Name.	Number.	
1	Self-propeller..	Tubular...	Double	7½	8	4½	9,600	Sept., 1874	Amoskeag....	493	Spare.
1	"	Drop tube.	"	7½	8	4½	9,600	Sept., 1874	"	494	No. 18
1	Crane neck....	"	"	7½	8	4½	7,320	Mar., 1879	Clapp & Jones.	527	Spare.
1	"	Coil.....	"	7½	8	4½	7,575	Sept., 1880	Ahrens.....	252	No. 13
1	"	Drop tube.	"	8	7	4½	7,450	Oct., 1880	Clapp & Jones.	351	33
1	"	"	"	8	7	4½	7,450	Nov., 1880	"	352	7
1	"	"	"	8½	7	5	7,890	June, 1882	"	380	14
1	"	"	"	8½	7	5	7,890	July, 1882	"	381	1
1	"	"	"	8½	7	5	7,890	Aug., 1882	"	383	19
1	"	"	"	8½	7	5	7,890	Sept., 1882	"	385	4
2	U tank.....	Tubular...	Single.	8	12	4½	6,750	Dec., 1860	Amoskeag....	19	Ward's Isl'd.
2	"	"	"	8	12	4½	6,750	Oct., 1865	"	147	No. 26
2	"	"	"	8	12	4½	6,750	Nov., 1865	"	148	Spare.
2	"	"	"	8	12	4½	6,750	Dec., 1865	"	157	"
2	"	"	"	8	12	4½	6,750	Dec., 1865	"	158	No. 54
2	"	"	"	8	12	4½	6,750	Jan., 1866	"	159	34
2	"	"	"	8	12	4½	6,750	Jan., 1866	"	160	12
2	"	"	"	8	12	4½	6,750	Feb., 1866	"	161	Spare.
2	"	"	"	8	12	4½	6,750	Feb., 1866	"	162	"
2	"	Drop tube.	"	8	12	4½	6,750	Mar., 1866	"	163	"
2	"	Tubular...	"	8	12	4½	6,750	April, 1866	"	164	"
2	"	"	"	8	12	4½	6,750	April, 1866	"	165	No. 16
2	"	"	"	8	12	4½	6,750	Aug., 1866	"	166	Spare.
2	Harp tank....	"	"	8	12	4½	6,050	May, 1865	"	132	No. 36
2	Straight frame.	"	Double	6½	8	4½	6,700	Mar., 1867	"	226	28
2	"	Drop tube.	"	6½	8	4½	6,700	Mar., 1867	"	227	31
2	"	"	"	6½	8	4½	6,700	Mar., 1867	"	228	21
2	"	"	"	6½	8	4½	6,700	April, 1867	"	229	25
2	"	"	"	6½	8	4½	6,700	May, 1867	"	230	5
2	"	"	"	6½	8	4½	6,700	Aug., 1868	"	295	23
2	"	Tubular...	"	6½	8	4½	6,700	Sept., 1868	"	296	16
2	"	"	"	6½	8	4½	6,700	Sept., 1868	"	301	Spare.
2	"	"	"	6½	8	4½	6,700	Nov., 1868	"	302	No. 24
2	Crane neck....	Drop tube.	"	6½	8	4½	6,800	Feb., 1871	"	359	27
2	"	Tubular...	"	6½	8	4½	6,800	Feb., 1871	"	360	15
2	"	Drop tube.	"	6½	8	4½	6,800	Mar., 1871	"	361	6
2	"	"	"	6½	8	4½	6,800	Mar., 1871	"	362	30
2	"	"	"	6½	8	4½	6,800	Mar., 1871	"	363	11
2	"	Tubular...	"	6½	8	4½	6,950	June, 1873	"	437	8
2	"	Drop tube.	"	6½	8	4½	6,950	June, 1873	"	438	9
2	"	"	"	6½	8	4½	6,950	July, 1873	"	439	12
2	"	Tubular...	"	6½	8	4½	6,950	Sept., 1873	"	440	29
2	"	Drop tube.	"	6½	8	4½	6,950	Sept., 1873	"	441	3
2	"	Tubular...	"	6½	8	4½	6,950	Sept., 1873	"	455	39
2	"	"	"	6½	8	4½	6,800	Nov., 1868	Gould.....	7	Ward's Isl'd.
2	"	Coil.....	"	6½	8	4½	6,210	July, 1883	Ahrens.....	358	No. 13
2	"	"	"	6½	8	4½	6,210	July, 1883	"	360	20
2	"	Drop tube.	"	7½	7	4½	6,550	July, 1883	Clapp & Jones.	413	32
2	"	"	"	7½	7	4½	6,485	Aug., 1883	"	415	27
3	Harp tank....	"	Single.	7½	9½	4½	5,550	May, 1861	Amoskeag....	36	Spare.
3	"	Tubular...	"	7½	9	4½	5,700	Dec., 1876	"	516	"
3	"	"	"	7½	9	4½	5,700	Feb., 1877	"	517	No. 37
3	"	"	"	7½	9	4½	5,700	Feb., 1877	"	519	38
3	"	"	"	7½	9	4½	5,700	Feb., 1877	"	520	47
3	Straight frame.	Coil.....	"	8	7	5	4,565	July, 1883	Ahrens.....	354	45
3	"	"	"	8	7	5	4,665	July, 1883	"	356	42
3	Horizontal....	Tubular...	"	..	..	..	..	Aug., 1865	Clapp .....	..	(Randall's Island.
4	Crane neck....	Drop tube.	"	9½	6	5½	5,750	June, 1881	Clapp & Jones.	359	No. 10
4	"	"	"	9½	6	5½	5,750	June, 1881	"	362	44
4	"	"	"	9½	6	5½	5,750	July, 1881	"	365	31
4	"	"	"	9½	6	5½	5,300	Oct., 1881	"	368	33
4	"	"	"	9½	6	5½	5,300	Oct., 1881	"	370	40
4	"	"	"	9½	6	5½	5,300	Nov., 1881	"	371	49
4	"	"	"	9½	6	5½	5,300	Dec., 1881	"	375	41
4	"	"	"	9½	6	5½	5,900	April, 1884	"	430	18
4	"	"	"	9½	6	5½	5,900	April, 1884	"	432	22
4	"	"	"	9½	6	5½	5,900	May, 1884	"	433	5
4	"	"	"	9½	6	5½	5,900	May, 1884	"	434	2
4	"	"	"	9½	6	5½	5,900	May, 1884	"	436	26
4	"	"	"	9½	6	5½	5,900	June, 1884	"	438	35
4	Straight frame.	"	"	9½	6	5½	4,745	July, 1883	"	409	48
4	"	"	"	9½	6	5½	4,745	Aug., 1883	"	417	46
5	"	"	"	7½	6	4½	4,680	Nov., 1882	"	397	50
1	Marine engine.	Tubular...	Double	11	12	5	..	May, 1875	Amoskeag....	513	43
1	"	"	"	11	12	5	..	May, 1875	"	514	43
1	"	"	"	16	9	7½	..	April, 1883	Clapp & Jones.	405	51
1	"	"	"	16	9	7½	..	April, 1883	"	406	51

Description of Hook and Ladder Trucks, Classified.

No.	SIZE.	STYLE.	MANUFACTURER.	LONGEST LADDER.	WHERE USED.
3	1st	Roller-frame..	Fire Ext'r Mfg. Co	73 feet extension.	Hook and Ladder 6, 9 and 15.
* 2	1st	" ..	Repair Shops.....	73 " "	Hook and Ladder 8 and 10.
1	1st	" ..	Allerton Works.....	73 " "	Hook and Ladder 9.
* 5	1st	" ..	Repair Shops.....	70 " "	Hook and Ladder 2, 5, 11, 12 and 14.
6	1st	" ..	" ..	65 " "	Hook and Ladder 1, 3, 4, 7, and 13. (and one spare.
1	1st	" ..	Allerton Works.....	65 " "	Spare.
1	1st	" ..	Babcock Mfg. Co.....	" ..	Not Used.
4	2d	" ..	Repair Shops	50 feet extension.	Engine 47, 48, 50, Hook and Ladder 17.
2	2d	" ..	Fire Ext'r Mfg. Co.....	50 " "	Engine 38 and 39.
1	3d	Goose-neck ..	" ..	43 " ..	Ward's Island.
1	3d	" ..	" ..	40 " ..	Spare.
1	3d	" ..	" ..	38 " ..	Hook and Ladder 5.
1	3d	" ..	" ..	35 " ..	Engine 49.
2	3d	" ..	" ..	30 " ..	Hook Ladder 19 and Randall's Island.
1	3d	" ..	" ..	" ..	Spare.

*Originally built by Hartshorne, New York.

NEW BUILDINGS.

Upon the lot purchased for the purpose by the city on the north side of One Hundred and Fourth street, one hundred and seventy-five feet west of Third avenue, in 1883, a house was erected for Engine Company No. 53, and the erection of houses for Hook and Ladder Company No. 15 in Old Slip, between Front and Water streets, and for Hook and Ladder Company No. 16 and other purposes, on the north side of East Sixty-seventh street, between Third and Lexington avenues, adjoining the house of Engine Company No. 39, were also begun, both upon ground set aside for the purpose by the proper city authorities. The new houses for Engine Company No. 15, at No. 269 Henry street, Engine Company No. 23, at No. 235 West Fifty-eighth street, and Engine Company No. 52, on Riverdale avenue, the erection of which was commenced in 1883, were finished and occupied.

NEW SITES FOR BUILDINGS.

In addition to the locations above referred to, obtained for houses for Hook and Ladder Companies No. 15 and 16, a new site on the north side of Tremont avenue, between the Southern Boulevard and Vyse street, for Engine Company No. 45, and an addition of 25 by 25 feet in rear of the lot occupied by Engine Company No. 48, on the east side of Thomas avenue, between Kingsbridge road and Welch street, were also acquired by the city.

ALTERATIONS AND REPAIRS TO BUILDINGS.

The houses of Engine Companies No. 5, 18, 26, 27, and Hook and Ladder Company No. 5 were fitted with additional stalls and otherwise altered to accommodate the additional horses and apparatus and men rendered necessary by their conversion into double companies. Twelve other houses were altered and thoroughly repaired, and a large amount of minor repairing and painting was done.

BUILDINGS OCCUPIED BY OR UNDER THE CONTROL OF THE DEPARTMENT.

Headquarters—Office of Commissioners, Bureaus—Chief of Department, Inspector of Combustibles, Fire Marshal and Inspector of Buildings (with third floor of No. 153 Mercer street), and offices of Attorney, Fire Alarm Telegraph, and Medical Officers, Nos. 155 and 157 Mercer street.

Repair shops, Nos. 130 and 132 West Third street.
Hospital stables, Ninety-ninth street, between Ninth and Tenth avenues.
Training stables, No. 58 Lawrence street.
Bell-tower and Lookout, No. 253 Spring street, rear of quarters of Engine Company No. 30.
Bell-tower and Lookout, Mount Morris Square.
Bell-tower and Lookout, Fulton avenue, between One Hundred and Sixty-seventh and One Hundred and Sixty-eighth streets, rear of quarters of Engine Company No. 42.
Lookout, southwest corner of Tenth street and Sixth avenue, Jefferson Market Court-house.
Engine Company No. 1, No. 165 West Twenty-ninth street.
" 2, No. 530 West Forty-third street.
" 3, No. 417 West Seventeenth street.
" 4, No. 39 Liberty street.
" 5, No. 340 East Fourteenth street.
" 6, No. 100 Cedar street.
" 7, No. 22 Chambers street. †
" 8, No. 165 East Fifty-first street.
" 9, No. 55 East Broadway.

Engine Company No. 10, No. 8 Stone street.

" 11, No. 437 East Houston street.
" 12, No. 261 William street.
" 13, No. 99 Wooster street.
" 14, No. 14 East Eighteenth street.
" 15, No. 269 Henry street.
" 16, No. 223 East Twenty-fifth street.
" 17, No. 91 Ludlow street.
" 18, No. 132 West Tenth street. (Fuel Depot No. 4.)
" 19, No. 355 West Twenty-fifth street. (Fuel Depot No. 12.)
" 20, No. 47 Marion street.
" 21, No. 216 East Fortieth street.
" 22, No. 159 East Eighty-fifth street. (Fuel Depot No. 14.)
" 23, No. 235 West Fifty-eighth street.
" 24, No. 78 Morton street. (Fuel Depot No. 14.)
" 25, No. 342 Fifth street.
" 26, No. 220 West Thirty-seventh street.
" 27, No. 173 Franklin street.
" 28, No. 604 East Eleventh street.
" 29, No. 193 Fulton street.
" 30, No. 253 Spring street.*
" 31, No. 116 Leonard street.
" 32, No. 108 John street.*
" 33, No. 15 Great Jones street.
" 34, No. 440 West Thirty-third street.
" 35, No. 223 East One Hundred and Nineteenth street.
" 36, No. 2333 Fourth avenue.
" 37, No. 83 Lawrence street.
" 38, Tenth avenue, between One Hundred and Fifty-fourth and One Hundred and Fifty-fifth streets.
" 39, No. 159 East Sixty-seventh street.
" 40, Sixty-eighth street, between Tenth avenue and Boulevard.
" 41, No. 501 North Third avenue. ||
" 42, Fulton avenue, between One Hundred and Sixty-seventh and One Hundred and Sixty-eighth streets.
" 43 (Floating engine), foot of Clinton street, East river.
" 44, No. 221 East Seventy-fifth street.
" 45, Division street, near Boston road.
" 46, Morris street, between Madison and Washington avenues.*
" 47, Tenth avenue, between Ninety-seventh and Ninety-eighth streets.
" 48, Thomas avenue, near Kingsbridge road.
" 49, Blackwell's Island.
" 50, One Hundred and Sixty-sixth street, between Washington and Third avenues.
" 51 (Floating engine), foot of West Thirteenth street.
" 52, Riverdale avenue, near junction of Westchester avenue.
" 54, No. 304 West Forty-seventh street. (Fuel Depot No. 5.)
Hook and Ladder Company No. 1, No. 26 Chambers street. †
" 2, No. 126 East Fiftieth street. (Fuel Depot No. 13.)
" 3, No. 108 East Thirteenth street.
" 4, No. 788 Eighth avenue.
" 5, No. 96 Charles street.
" 6, No. 77 Canal street.
" 7, No. 217 East Twenty-eighth street.
" 8, No. 7 North Moore street.
" 9, No. 209 Elizabeth street.
" 10, No. 191 Fulton street.
" 11, No. 742 Fifth street.
" 12, No. 243 West Twentieth street.
" 13, No. 159 East Eighty-seventh street.
" 14, No. 120 East One Hundred and Twenty-fifth street.
" 15, Old Slip, between Water and Front streets. ††
" 17, One Hundred and Forty-third street, near Third avenue.
" 19, Ogden avenue, between Birch and Union streets.*
Fuel Depot No. 1, No. 5 Duane street.
" 2, No. 160 East Thirty-third street. ||
" 3, No. 106 East Thirteenth street.
" 4 (see Engine Company No. 18).
" 5 (see Engine Company No. 54).
" 6, No. 84 Attorney street.
" 7, No. 28 Beaver street. †
" 8, No. 209 East One Hundred and Twenty-second street.
" 9 (see Engine Company No. 24).
" 10, No. 304 Washington street.
" 11, No. 173 Elm street (and store-house).
" 12 (see Engine Company No. 19).
" 13 (see Hook and Ladder Company No. 2).
" 14 (see Engine Company No. 22).
Store-house, No. 20 Eldridge street.
" No. 180 Clinton street.
" No. 199 Chrystie street, also occupied by second section of Hook and Ladder Company No. 9.

The locations marked thus (*) are leased by the Department; all others are city property. The locations marked thus (†) are only in part occupied by the Department. The location marked thus (††) is a temporary building erected by the Department in the roadway of Old Slip. At the locations marked thus (||) lots in rear or adjacent are leased by the Department.

RECEIPTS AND DISBURSEMENTS OF THE RELIEF FUND, 1871-1884.

Receipts.

FROM—	1871. 7 MONTHS.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	TOTALS.
Met. Fire Department Relief Fund.	\$7,340 97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$7,340 97
Fines.....	646 51	\$621 64	\$843 31	\$734 79	\$972 51	\$567 15	\$489 46	\$568 98	\$568 03	\$1,068 89	\$868 80	\$1,304 55	\$1,966 33	\$1,703 23	12,924 18
Donations.....	.....	100 00	1,060 00	374 00	.....	100 00	.....	100 00	.....	.....	.....	100 00	.....	100 00	1,934 00
Penalties.....	.....	170 63	902 34	705 00	2,389 63	1,600 00	1,925 00	1,250 00	350 00	400 00	525 00	325 00	460 00	400 00	11,402 60
Oil Licenses.....	26,230 00	27,528 50	30,399 50	31,827 50	29,454 50	27,285 00	30,103 00	29,750 00	30,300 00	29,760 00	31,180 00	31,270 00	32,720 00	35,270 00	423,078 00
Fireworks Permits.....	495 00	509 00	537 00	522 75	519 25	645 50	472 25	332 75	355 00	363 50	409 25	440 75	462 75	513 50	6,578 25
Interest.....	275 55	1,999 86	4,258 91	9,298 22	10,410 44	11,795 22	17,210 91	15,493 50	18,680 49	22,140 20	22,885 58	23,468 10	20,347 85	24,764 43	203,029 66
Foreign Insurance Tax.....	.....	9,942 30	12,072 04	16,136 25	15,281 24	12,878 98	12,112 10	16,630 02	17,582 80	.....	.....	.....	.....	.....	112,635 73
Powder Licenses.....	.....	211 00	571 50	241 50	306 50	385 50	384 50	192 00	180 00	178 00	186 00	188 00	198 00	190 00	3,412 50
Special Permits.....	.....	.....	.....	.....	.....	.....	.....	258 00	274 00	328 00	370 00	366 00	722 00	872 00	3,190 00
Chimney fires.....	.....	245 00	440 00	375 00	355 00	245 00	260 00	240 00	180 00	290 00	305 00	320 00	360 00	325 00	3,940 00
Fires in Street Permits.....	.....	.....	.....	.....	.....	50	41 75	85 00	64 00	56 50	65 00	63 00	59 00	60 50	495 25
Sales—Seized Combustibles.....	.....	.....	24 25	.....	.....	.....	.....	.....	6 30	10 00	63 25	35 37	.....	6 75	145 92
" Sample Oils.....	.....	.....	.....	27 06	.....	.....	.....	10 00	.....	1 35	50 00	.....	.....	.....	88 41
Totals.....	\$34,987 13	\$41,327 93	\$51,108 85	\$60,242 07	\$59,689 07	\$55,502 85	\$62,998 97	\$64,910 65	\$68,540 62	\$54,596 44	\$56,907 88	\$57,880 77	\$57,295 93	\$64,205 41	\$790,194 57

Disbursements.

FOR—	1871. 7 MONTHS.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	TOTALS.
Salaries	\$5,950 45	\$12,276 86	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$18,227 31
Expense Account	905 97	1,460 54	\$1,223 09	\$1,569 70	\$1,292 96	\$1,745 23	\$2,106 54	\$2,014 49	\$1,075 23	\$18 50	\$20 00	\$38 50	\$19 25	\$26 85	13,516 85
Pay of relieved men.....	.....	.....	.....	.....	.....	.....	.....	2,199 95	1,799 96	928 31	858 29	7,432 54	10,789 04	10,427 46	34,435 56
Pensions of retired men.....	.....	.....	.....	.....	.....	.....	.....	6,068 40	8,073 24	12,906 19	21,211 78	23,190 01	24,018 17	44,274 59	139,742 38
Pensions of widows and orphans...	.....	.....	1,819 50	2,625 00	2,736 68	3,344 53	4,220 09	5,800 71	6,329 94	13,339 63	15,388 16	17,561 27	20,369 40	23,133 65	116,668 56
Totals.....	\$6,856 42	\$13,737 40	\$3,042 59	\$4,194 70	\$4,029 64	\$5,089 76	\$6,326 63	\$16,083 56	\$17,278 37	\$27,192 63	\$37,478 23	\$48,222 32	\$55,195 85	\$77,862 55	\$322,590 66

Recapitulation.

Receipts, June 1, 1871, to December 31, 1884.....	\$790,194 57
Disbursements, June 1, 1871, to December 31, 1884.....	322,590 66
Balance on hand, December 31, 1884.....	\$467,603 91

HENRY D. PURROY, Treasurer.

NEW YORK FIRE DEPARTMENT LIFE INSURANCE FUND, 1884.

Dec. 31, 1883.	Balance on hand.....	.....	\$8,715 96
Dec. 31, 1884.	Receipts:		
	For assessments	\$12,650 00	
	For interest on deposits.....	195 59	
			12,845 59
			\$21,561 55
Dec. 31, 1884.	Disbursements:		
	To administratrix of James Gibney.....	\$1,000 00	
	To widow of Patrick Martin	1,000 00	
	" Patrick Finn	1,000 00	
	" Patrick T. Feeney	1,000 00	
	To executor of William J. Galbraith.....	1,000 00	
	To widow of Joshua A. Wallace	1,000 00	
	To administrator of John Mahon	1,000 00	
	To administratrix of Patrick Doyle.....	1,000 00	
	" William M. Gordon	1,000 00	
	To widow of William K. Ransom.....	1,000 00	
	To administratrix of James F. Roche	1,000 00	
	To widow of James Cummings.....	1,000 00	
	To administratrix of Patrick Wood	1,000 00	
			13,000 00
Dec. 31, 1884.	Balance.....		\$8,561 55

RECEIPTS AND DISBURSEMENTS OF THE NEW YORK FIRE DEPARTMENT LIFE INSURANCE FUND, 1871-1884.

Receipts.	
1871.....	\$5,040 00
1872.....	7,773 00
1873.....	8,789 00
1874.....	6,395 00
1875.....	12,508 00
1876.....	11,074 00
1877.....	8,965 00
1878.....	9,241 00
1879.....	9,293 00
1880.....	9,640 00
1881.....	10,333 47
1882.....	10,917 34
1883.....	11,747 15
1884.....	12,845 59
Total receipts.....	\$134,561 55
Disbursements.	
1871.....	\$5,000 00
1872.....	6,000 00
1873.....	9,000 00
1874.....	5,000 00
1875.....	14,000 00
1876.....	8,000 00
1877.....	8,000 00
1878.....	3,000 00
1879.....	9,000 00
1880.....	12,000 00
1881.....	10,000 00
1882.....	15,000 00
1883.....	9,000 00
1884.....	13,000 00
Total disbursements.....	126,000 00
Balance on hand.....	\$8,561 55

HENRY D. PURROY, Treasurer.

Very respectfully,

CORNELIUS VAN COTT,
HENRY D. PURROY,
RICHARD CROKER,
Commissioners.

CARL JUSSEN, Secretary.

HEALTH DEPARTMENT.

HEALTH DEPARTMENT OF THE CITY OF NEW YORK,
NEW YORK, March 17, 1885.

The Board met this day.

Reports.

From the Sanitary Superintendent—On operations of the First Division; on operations of the Second Division; on operations of the Third Division; on operations of the Fourth Division; on operations of the Fifth Division; on operations of the Sixth Division; weekly report of the Seventh Division; weekly mortuary statement; weekly abstract of births; weekly abstract of still-births; weekly abstract of marriages; weekly abstract of deaths from contagious diseases; weekly report on attendance of clerks; on applications for permits; on condition of certain street pavements; on applications for relief from certain orders; on neglect to report returns; on manure dumping; on number of privy vaults ordered filled up; on changes in help at Riverside Hospital; on application for leave of absence; on communication from the Department of Docks in respect to vacant lots in Fifty-fifth street, between Eleventh avenue and North river; on proposed improvements at No. 78 Suffolk street; on application for license as scavenger; on condition of manure box at Old Slip; on condition of Courtlandt avenue, between One Hundred and Fifty-eighth and One Hundred and Fifty-ninth streets; reports of reinspections of public school buildings; on complaint of Rev. W. F. Crafts of violations of section 204 of the Sanitary Code, in respect to public funerals of persons who have died of contagious diseases.

From the Attorney and Counsel—Weekly report.

Communications from other Departments.

From the Finance Department—Comptroller's weekly statement.

From the Comptroller—Concerning the claim of John O'Meara for damages from overflowing cesspools on St. Nicholas avenue, was received and the Secretary was directed to forward a copy of the report of Inspector Parsons upon the existence of said nuisance.

Miscellaneous Communication.

From George Bliss—In respect to orders on premises Nos. 13, 15 and 17 Spring street and Nos. 183, 185, 187 and 189 Elizabeth street.

Bills Audited.

Chas. Jones.....	\$150 00	E. Gross.....	\$14 75
C. C. Haight.....	64 35	Goodyear's Manufacturing Co.....	53 46
Hektograph Co.....	8 00	T. C. Nostrand & Co.....	6 06
Henry Rick.....	5 51	Pridgeon's Hamilton Bakery.....	10 08
Metropolitan Telephone and Tel. Co.	72 01	John Garrie.....	60 54
Thos. Hogan.....	468 12	Thurber, Whyland & Co.....	36 22
T. R. McMann & Bro.....	4 01	American Condensed Milk Co.....	41 20
E. Gross.....	25 53	John Goodwin & Co.....	225 60
Hamilton E. Smith.....	902 00	Lingerman, Hoffman & Co.....	29 00
Chas. Jones.....	2,880 00		

Permits Denied.

To keep four chickens at No. 262 Mott street.
To keep fifty chickens at No. 18 Ludlow street.

Resolutions.

Resolved, That the Register of Records be and is hereby directed to register the following marriage and birth returns:

Joseph Schmidt and L. B. Riley, November 21, 1884.
Jacob Becher and Marie Kuenzi, December 17, 1884.
Theodore Sutro and Florence E. Clinton, September 18, 1884.
Francis H. Gunther, born August 12, 1884.
Lulalie Anselin, born December 22, 1884.

f Resolved, That Sarah Agnew and Ellen Fitzpatrick be and are hereby employed as helpers at Riverside Hospital, at the rate of \$8 per month, vice McCarthy and Williams discharged.

Resolved, That Sanitary Inspector Chapin be and is hereby granted leave of absence from February 24th to April 1st, on account of sickness.

Resolved, That the Department of Docks be and are hereby respectfully requested to fill in with fresh earth the vacant lot on Eleventh avenue, between Fifty-fifth and Fifty-sixth streets, and properly grade the same so as to prevent surface water discharging through foundation wall of stable on adjoining premises, Fifty-fifth street, between Eleventh avenue and North river.

Resolved, That upon the report of the Sanitary Superintendent to the effect that the apparatus of Frederick Breivogel, to empty privy vaults, sinks and cesspools, meets the requirements of the Board of Health, this Board respectfully recommends to his Honor the Mayor that a license as scavenger be granted for one year.

Resolved, That the following orders be and are hereby suspended as follows:

No. 4727, premises No. 152 West street, to April 1, 1885.
No. 3815, premises No. 122 East One Hundred and Seventh street, to April 1, 1885.
No. 4065, premises No. 104 East One Hundred and Twenty-fifth street, to April 1, 1885.
No. 1304, premises No. 975 Sixth avenue, to April 1, 1885.
No. 3599, premises No. 712 East Twelfth street, to April 1, 1885.
No. 3600, premises No. 714 East Twelfth street, to April 1, 1885.
No. 3601, premises No. 716 East Twelfth street, to April 1, 1885.
No. 3602, premises No. 718 East Twelfth street, to April 1, 1885.
No. 4067, premises No. 225 East One Hundred and Twenty-fifth street, to April 1, 1885.
No. 3165, premises No. 53 Suffolk street, to April 1, 1885.
No. 5041, premises No. 203 East One Hundred and Twenty-first street, to April 1, 1885.
No. 24113, premises No. 58 Sixth avenue, to April 1, 1885.
No. 24117, premises No. 89 West Washington place, to April 1, 1885.
No. 4805, premises No. 446 West Twenty-seventh street, to April 1, 1885.
No. 4042, premises No. 404 Greenwich street, to April 15, 1885.
No. 2946, premises No. 19 West Thirtieth street, to April 15, 1885.
No. 1577, premises Nos. 316 and 318 East Eighty-seventh street, April 15, 1885.
No. 3016, premises No. 217 Mott street, to April 15, 1885.
No. 3774, premises No. 770 Second avenue, to April 15, 1885.
No. 3775, premises No. 772 Second avenue, to April 15, 1885.
No. 3776, premises No. 778 Second avenue, to April 15, 1885.
No. 3777, premises No. 780 Second avenue, to April 15, 1885.
No. 4368, premises Nos. 325 and 327 East Forty-fifth street, to April 15, 1885.
No. 4405, premises No. 38 Essex street, to April 15, 1885.
No. 3651, premises No. 262 West Twenty-fourth street, to April 15, 1885.
No. 3253, premises No. 53 Goerck street, to April 15, 1885.
No. 3156, premises No. 21 Ludlow street, to April 15, 1885.
No. 4135, premises No. 321 East Sixty-first street, to May 1, 1885.
No. 4300, premises No. 122 West Twenty-fifth street, to May 1, 1885.
Resolved, That the following orders be and are hereby rescinded as follows:
No. 22259, at Eleventh avenue, between Fifty-fifth and Fifty-sixth streets.
No. 3523, at premises No. 230 East Seventy-eighth street.
No. 7283, at No. 20 Suffolk street.

Resolved, That the following applications for suspension of orders be and are hereby denied :
 No. 3812, premises No. 228 East Eightieth street.
 No. 2939, premises No. 134 Pitt street.
 No. 22448, premises No. 89 West Houston street.
 No. 22449, premises No. 91 West Houston street.
 No. 22450, premises No. 95 West Houston street.
 Resolved, That copies of the reports of Sanitary Inspectors upon the condition of street sewers, etc., be forwarded to the Department of Public Works for the necessary action, as follows :
 Street sewer in Goerck street.
 Croton-main at No. 500 West Twenty-ninth street.
 Crosswalk at No. 771 Broadway.

Resolved, That a copy of the report of Sanitary Inspectors upon the condition of manure box at Old Slip, and front wall of No. 85 East Second street, be forwarded to the Fire Department for the necessary action.

Resolved, That a copy of the report of Sanitary Inspector Comfort, upon the condition of Courtland avenue, between One Hundred and Fifty-eighth and One Hundred and Fifty-ninth streets, be forwarded to the Department of Public Parks for the necessary action.

Resolved, That copies of the reports of Sanitary Inspectors of reinspections of the following public school buildings be forwarded to the Board of Education with the request that the recommendations be complied with :

Grammar School No. 5, Nos. 224 and 226 Mott street.
 Grammar School No. 60, west side College avenue, between One Hundred and Forty-fifth and One Hundred and Forty-sixth streets.
 Grammar School No. 33, at No. 448 West Twenty-eighth street.

Resolved, That the rules and regulations relating to plans and specifications for plumbing and drainage be and are hereby amended to read, as follows :

51. No privy vault or school sink will be allowed in any cellar or basement, nor shall the general privy accommodation of a tenement or lodging-house be allowed to be in the cellar or basement.

52. No privy vault, or cesspool for sewage, will be permitted in any part of the city where water-closets in the house, or a school sink or hopper closets in the yard, can be connected with a public sewer in the street.

53. School sinks must be of cast-iron, not more than two feet in depth, connected at the upper end with the Croton supply, and at the lower end with a drain leading to the street sewer, and provided with an outlet and a tight-fitting plug at the lowest point and on the bottom, so as to admit of a complete discharge of the contents whenever the outlet is opened and the sink flushed with water.

54. The sink must be set so that the flange will not be below the yard surface. It must be at least ten feet from any window, or as near that distance as practicable.

55. The waste pipe from a hydrant sink in the yard must be properly trapped, especially where it discharges into a school sink, a privy vault, or cesspool, or the house drain.

Resolved, (1.) That the Sanitary Inspectors, as assigned to the districts recently rearranged, proceed at once to make a house-to-house inspection, commencing in the most unsanitary portions, and make weekly reports of the same, showing the number, location, and character of the houses inspected. These reports to be compiled weekly by the Sanitary Superintendent and submitted to the Board.

(2.) That a map be kept in the office of the Sanitary Superintendent upon which will be marked the exact location of all houses, or sections of a district, which by the reports of the inspections made shall appear to be in a condition especially dangerous to the health of the vicinity, or likely to cause the spread of contagious or infectious diseases.

(3.) That special attention be given by the Sanitary Superintendent to all locations reported of the character named, and that immediate steps be taken by him to remove all cause of danger, and to place them in proper sanitary condition.

An application from C. H. Klee, in respect to Order No. 5301, on premises Nos. 71, 73 and 75 Market street, was received and referred to the Sanitary Superintendent.

An application from J. & S. Bernheimer, to construct a sink similar to the one now in use at the House of Industry, Five Points, was received and referred to the Sanitary Superintendent.

The committee to whom was referred the subject of amending the rules and regulations relating to plumbing and drainage, presented a report and circular, which was approved and adopted.

Resolved, That William H. Guilfoyle be and is hereby employed, provisionally, as clerk in this Department, pursuant to the provisions of the Civil Service Rules and Regulations, with salary at the rate of \$1,200 per annum, and assigned for duty to the Seventh Division.

Minutes of March 10.

Resolved, That a copy of the report of Assistant Sanitary Superintendent Janes, upon the condition of pavement from Avenue C to the East river, be forwarded to the Department of Public Works with the request that said roadway be repaved with trap-rock or granite pavement of the most approved style, or asphalt, which is preferable for Sixteenth street.

Action of the Board on Plans for Light and Ventilation of New Tenement-houses.

Resolved, That the following plans for light and ventilation of new tenement-houses be and are hereby approved upon the conditions described in the permits issued in each case, and said plans are modified in accordance therewith :

Plan No. 3055, for one tenement-house at No. 1011 North Third avenue, as amended.
 Plan No. 3205, for two tenement-houses at south side of Thirty-seventh street, two hundred and twenty-five feet east of Eleventh avenue.

Plan No. 3123-2 for two tenement-houses at west side of First avenue, seventy-five feet south of Twenty-third street, conditionally.

Plan No. 3125, for one tenement-house at No. 11 St. Mark's place, as amended.

Plan No. 3181, for three tenement-houses at east side of Second avenue, nineteen inches south of One Hundred and Twenty-sixth street ; one tenement-house on southeast corner of Second avenue and One Hundred and Twenty-sixth street, as amended.

Plan No. 3182, for four tenement-houses on and adjoining northeast corner of First avenue and Eightieth street, as amended.

Plan No. 3184, for one tenement-house at No. 336 Cherry street.

Plan No. 3185, for five tenement-houses at north side of Sixty-second street, beginning one hundred feet west of Ninth avenue.

Plan No. 3186, for two tenement-houses at south side of Sixtieth street, two hundred and fifty-one feet west of First avenue.

Plan No. 3189, for one tenement-house at northeast corner of Eleventh avenue and Fifty-first street.

Plan No. 3190, for five tenement-houses at north side of Sixty-fifth street, beginning two hundred and fifty feet west of Eighth avenue.

Plan No. 3191, for eight tenement-houses at south side of Seventy-second street, about one hundred and fifty feet west of First avenue.

Plan No. 3194, for one tenement-house at No. 126 Mulberry street.

Plan No. 3195, for five tenement-houses on and adjoining southeast corner of One Hundred and Twenty-fifth street and St. Nicholas avenue.

Plan No. 3196, for two tenement-houses at south side of Eighty-sixth street, one hundred and seventy-five feet east of Second avenue.

Plan No. 3197, for one tenement-house at No. 81 East Fourth street.

Plan No. 3198, for one tenement-house at No. 64 East Broadway.

Plan No. 3199, for one tenement-house at No. 586 Grand street.

Tabled for Amendment.

Resolved, That the following plans for light and ventilation of tenement-houses be and are hereby tabled for amendment :

Plan No. 3187, for four tenement-houses at north side of Sixty-second street, two hundred and fifty feet east of Tenth avenue.

Plan No. 3188, for one tenement-house at north side of Sixty-second street, three hundred and fifty-eight feet west of Tenth avenue.

Action of the Board on Plans for the Plumbing and Drainage of New Houses.

Resolved, That plans for the plumbing and drainage of new houses be and are hereby approved upon the conditions contained in the statement of the action of the Board attached in each case to the specifications submitted with the plans, and the said plans and specifications are hereby modified in accordance therewith :

Plan No. 3215, for one dwelling at west side of Monroe avenue, one hundred and seventy-five feet south of Gray street, as amended.

Plan No. 3218, for one dwelling at east side of Rider avenue, twenty-five feet south of One Hundred and Forty-second street, conditionally.

Plan No. 3303, for one factory at east side of Fifty-fifth street, three hundred feet west of Tenth avenue, conditionally.

Plan No. 3326, for one dwelling at the rear of No. 2123 Third avenue, as amended.

Plan No. 3327, for one tenement-house at south side of Sixty-fifth street, three hundred feet west of Tenth avenue, as amended.

Plan No. 3335, for one tenement-house at No. 529 West Forty-seventh street, as amended.

Plan No. 3336, for one tenement-house at No. 527 West Forty-seventh street, as amended.

Plan No. 3338, for one dwelling at north side of One Hundred and Forty-fifth street, one hundred and seventy-three feet east of Third avenue, as amended.

Plan No. 3340, for two dwellings at Nos. 1346 and 1348 Fulton avenue, as amended.

Plan No. 3342, for one dwelling at west side of Lexington avenue, eighty feet north of One Hundred and Eleventh street.

Plan No. 3345, for one tenement-house at south side of Forty-eighth street, eighty feet west of Ninth avenue.

Plan No. 3348, for two tenement-houses at Nos. 185 and 187 East Seventy-sixth street, conditionally.

Plan No. 3354, for one tenement-house at east side of Courtland avenue, eighty-four feet south of One Hundred and Sixty-second street.

Plan No. 3355, for one tenement-house at No. 2009 Third avenue.

Plan No. 3356, for one tenement-house east side Courtland avenue, fifty-six feet south of One Hundred and Sixty-second street.

Plan No. 3358, for one tenement-house at No. 178 Christopher street, as amended.

Plan No. 3359, for one tenement-house at No. 4 King street, as amended.

Plan No. 3361, for one tenement-house at No. 59 Marion street, conditionally.

Plan No. 3362, for five tenement-houses on and adjoining southwest corner of Eighty-fifth street and Ninth avenue, as amended.

Plan No. 3363, for one tenement-house at north side of Fifty-seventh street, two hundred and twenty-five feet west of Ninth avenue, conditionally.

Plan No. 3366, for five tenement-houses at south side of One Hundred and Twenty-fifth street and seventy-eight feet on St. Nicholas avenue, conditionally.

Plan No. 3367, for one stable at No. 414 West Forty-fifth street, as amended.

Plan No. 3369, for two tenement-houses at south side of Thirty-seventh street, two hundred and twenty-five feet east of Eleventh avenue, as amended.

Plan No. 3370, for two tenement-houses at northwest corner of Ninth avenue and Thirty-eighth street, as amended.

Plan No. 3371, for two tenement-houses at south side of Eighty-sixth street, one hundred and seventy-five feet east of Second avenue, as amended.

Plan No. 3374, for four tenement-houses on and adjoining northeast corner of Avenue A and Eighty-fifth street.

Plan No. 3375, for one tenement-house at north side of Eighty-fifth street, seventy-two feet east of Avenue A.

Plan No. 3376, for one tenement-house at north side of Eighty-third street, eighty-five feet east of Ninth avenue.

Tabled for Amendment.

Resolved, That the following plans for the plumbing and drainage of new houses be and are hereby tabled for amendment :

Plan No. 3028, for one dwelling at north side of John street, sixty feet west of Prospect avenue.

Plan No. 3049, for an addition to No. 1257 Broadway.

Plan No. 3266, for one tenement-house on northwest corner of Fifty-ninth street and Madison avenue.

Plan No. 3344, for one tenement-house at No. 242 Mulberry street.

Plan No. 3346, for two tenement-houses at south side of Sixtieth street, two hundred and fifty-one feet west of First avenue.

Plan No. 3349, for one tenement-house at northeast corner of One Hundred and Fifth street and Second avenue.

Plan No. 3350, for fifteen tenement-houses at north side of Seventy-first street, seventy-five feet east of Second avenue.

Plan No. 3351, for one tenement-house at east side of Second avenue, seventy-five feet north of One Hundred and Fifth street.

Plan No. 3352, for one tenement-house at north side of One Hundred and Fifth street, seventy-five feet east of Second avenue.

Plan No. 3353, for four tenement-houses at east side of Second avenue, twenty-five feet north of One Hundred and Fifth street.

Plan No. 3357, for four dwellings on and adjoining northeast corner of Home street and Tinton avenue.

Plan No. 3360, for one tenement-house on northeast corner of Third avenue and Forty-third street.

Plan No. 3364, for one tenement-house at west side of North Third avenue, forty-eight feet north of One Hundred and Thirty-ninth street.

Resolved, That violations of law in the plumbing and drainage of the following houses be and are hereby tabled for amendment :

Violation No. 2230, for three houses at Nos. 325, 327 and 329 East Thirty-third street.

Violation No. 2313, for two houses at Nos. 520 and 522 East Eighteenth street.

Violation No. 2338, for one house at No. 130 East One Hundred and Twenty-ninth street.

Violation No. 2341, for one house at south side of One Hundred and Twenty-fifth street, one hundred and fifty feet east of Lexington avenue.

Sanitary Bureau.

The following is a record of the work performed in the Sanitary Bureau for the week ending March 14, 1885 :

The total number of inspections made by the Sanitary Inspectors was 7,485.

The number of complaints returned by the Sanitary Inspectors was 1,372.

During the past week 191 complaints were received from citizens and referred to the Sanitary Inspectors for investigation and report.

There were issued to the consignees of vessels to discharge cargoes on vouchers from the Health Officer of the Port, 34 permits.

There were issued to consignees to discharge rags (in bulk, under bonds), 4 permits.

There were issued, under the Sanitary Code, 9 miscellaneous permits.

There were issued to scavengers to empty, clean, and disinfect privy sinks, 93 permits.

At premises where contagious diseases were reported 38 visits were made, and 30 disinfections and 6 fumigations were performed.

The number of cases of contagious disease removed to Riverside Hospital was 4.

The number of vaccinations performed was 599, of which 4 were primary and 595 re-vaccinations.

There were seized and condemned 8,660 pounds of meat and 930 pounds of fish.

The number of specimens of milk examined was 64, the number of analyses of same made was 1, and the amount of fines imposed was \$5.

The certificates of 569 births, 49 still-births, 182 marriages, and 777 deaths, reported to have taken place in this city, were received by this Bureau during the week ending Saturday, March 14, 1885. This shows a decrease of 67 births, 19 still-births and 121 marriages, and an increase of 1 death, when compared with the number received during the preceding week, but when compared with the corresponding week of the year 1884, there was a decrease of 1 birth, and 19 still-births, and an increase of 6 marriages and 144 deaths. Compared with the mortality reported during the preceding week, the deaths from croup decreased 8; typhoid fever, 2; malarial fevers, 3; diarrhoeal diseases, 4; inanition, 1; cancer, 3; bronchitis, 17; marasmus, tabes mesenterica and scrofula, 2; meningitis and encephalitis, 13; all diseases of the brain and nervous system, 17; cirrhosis and hepatitis, 8; gastritis, enteritis, and peritonitis, 2; Bright's disease and nephritis, 4; premature and pretermatural births, 7; surgical operations, 1; suicide, 2; drowning, 1; while the deaths from measles increased 1; scarlatina, 8; diphtheria, 15; whooping cough, 4; cerebro-spinal fever, 8; puerperal diseases, 3; alcoholism, 2; rheumatism and gout, 3; phthisis pulmonalis, 28; pneumonia, 7; heart diseases, 20; hydrocephalus and tubercular meningitis, 1; convulsions, 5; apoplexy, 1. The number of deaths from erysipelas and aneurism, was the same in the two successive weeks.

Deaths from the principal Zymotic Diseases, Phthisis Pulmonalis, Pneumonia, Bronchitis, and Children under five years of age, reported during the week and compared with the three preceding weeks.

WEEK ENDING—	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Whooping Cough.	Typhus Fever.	Typhoid Fever.	Cerebro-Spinal Fever.	Remittent, Intermittent, Typho-Malarial, Congestive, and Simple Continued Fevers.	Diarrhoeal Diseases.	Phthisis Pulmonalis.	Pneumonia.	Bronchitis.	Diseases of the Nervous System.	Diseases of the Urinary System.	DEATHS OF CHILDREN.		
																	Under 1 year of age.	Under 2 years of age.	Under 5 years of age.
Feb. 21, 1885.....	..	30	16	32	21	7	1	4	6	9	11	105	130	42	67	47	171	244	302
" 28, "	29	14	22	25	6	..	2	3	9	14	130	140	47	71	48	188	256	333
Mar. 7, "	31	15	22	22	3	..	3	2	9	14	106	142	56	80	53	159	220	303
" 14, "	32	23	37	14	7	..	1	10	6	10	134	149	39	63	49	130	213	282
Total	122	68	113	82	23	1	10	21	33	49	475	561	184	281	197	648	933	1220

The ages of 130 of the persons who died during the week were reported to be under one year, 213 under two years, 282 under five years, and 64 seventy years and over, which shows that the number of deaths of children under five years of age was 21 less than the number reported during the preceding week, and represent 36.16 per cent. of the total weekly mortality.

Deaths reported from Small-pox, Measles, Scarlatina, Diphtheria, Membranous Croup, Whooping Cough, Typhus, Typhoid, Cerebro-Spinal, and Malarial Fevers, in Institutions, Tenement and other Dwellings, with Average Age, Floor, and Ward where the Death occurred, and the Hour of Death, for the week ending March 14, 1885.

DISEASE.	In Houses containing 3 Families and under.	In Houses containing over 3 Families.	Canal Boats.	Hotels and Boarding-houses.	Institutions.	FLOOR.										AVERAGE AGE.		
						Basement.	First. *	Second.	Third.	Fourth.	Fifth.	Sixth.	Top.	Not Stated.	Years.	Months.	Days.	
Small-pox.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles.....	7	23	..	..	2	1	6	8	6	4	3	..	2	..	1	3	12
Scarlatina.....	3	20	..	..	..	..	5	10	6	2	..	..	1	..	4	9	7
Diphtheria.....	10	25	..	..	1	..	7	9	11	3	4	..	1	..	4	10	10
Membranous Croup..	4	10	..	..	..	1	1	4	4	2	1	1	..	..	2	9	15
Whooping Cough....	1	4	..	..	2	..	2	1	1	1	..	..	..	..	..	11	28
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever.....	1	..	..	..	..	1	..	..	..	..	..	..	..	..	50	10	21
Cerebro-Spinal Fever	1	8	..	..	1	..	1	5	1	2	..	..	..	..	5	10	4
Malarial Fevers.....	3	3	..	..	..	1	2	2	..	..	1	..	..	..	39	7	1

DISEASE.	WARDS.																				TOTAL DEATHS.
	First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.	Eighth.	Ninth.	Tenth.	Eleventh.	Twelfth.	Thirteenth.	Fourteenth.	Fifteenth.	Sixteenth.	Seventeenth.	Eighteenth.	Nineteenth.	Twentieth.	
Small-pox.....
Measles.....	2	..	..	..	2	1	..	1	1	1	1	1	1	1	2	3	1	2	5	1	32
Scarlatina.....	1	..	..	..	..	2	3	2	..	1	..	..	..	5	1	6	1	..	23
Diphtheria.....	1	2	1	..	..	1	4	..	..	..	3	2	2	10	4	2	36
Membranous Croup..	1	2	..	2	..	..	1	2	2	2	2	1	14
Whooping Cough....	1	1	..	..	..	..	1	1	..	..	..	..	..	1	1	..	7
Typhus Fever.....
Typhoid Fever.....	1	..	..	..	..	..	..	1
Cerebro-Spinal Fever	2	2	..	..	..	..	2	1	2	1	10
Malarial Fevers.....	1	..	..	1	..	..	..	1	..	..	2	1	..	..	6

Hours at which Deaths Occurred.

DISEASE.	A. M.												P. M.												Total.	
	1 o'clock.	2 o'clock.	3 o'clock.	4 o'clock.	5 o'clock.	6 o'clock.	7 o'clock.	8 o'clock.	9 o'clock.	10 o'clock.	11 o'clock.	12 o'clock.	1 o'clock.	2 o'clock.	3 o'clock.	4 o'clock.	5 o'clock.	6 o'clock.	7 o'clock.	8 o'clock.	9 o'clock.	10 o'clock.	11 o'clock.	12 o'clock.		Not sent.
Small-pox.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles.....	3	2	..	3	1	..	2	3	2	..	1	1	..	1	1	..	3	1	..	..	1	..	6	1	..	32
Scarlatina.....	3	1	1	..	1	1	3	..	..	..	1	..	1	..	1	..	2	1	1	1	1	2	..	2	..	23
Diphtheria.....	3	1	2	2	1	2	3	2	2	..	2	..	..	..	1	1	1	4	3	2	2	2	..	2	..	36
Membranous Croup..	..	..	2	..	..	..	..	..	1	1	..	1	2	..	..	..	1	1	1	..	1	1	1	1	..	14
Whooping Cough....	..	..	..	1	..	..	..	1	1	1	1	1	..	..	..	..	1	..	..	..	..	..	..	..	..	7
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Cerebro-Spinal Fever	1	..	..	..	2	..	..	1	..	..	1	..	2	..	..	1	..	..	1	..	1	..	..	..	..	10
Malarial Fevers.....	..	3	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	..	..	1	..	6

Of the total number of deaths reported for the week, 147 were in institutions, 419 in tenement-houses, 197 in houses containing three families or less, 8 in hotels and boarding-houses, 5 in rivers, streets, boats, etc.; 12 were on the basement floor, 157 on the first, 198 on the second, 139 on the third, 88 on the fourth, 30 on the fifth, 0 on the sixth; 777 were stated to be residents of New York City, and 0 non-residents; 108 were stated to be single, 187 married, 112 widowed, and the condition of 370 was not stated; these were children who had not attained a marriageable age.

The total number of burial permits issued during the week are as follows, viz.: City deaths, 777; still-births, 49; bodies in transit, 18; of the total burial permits issued for city deaths and still-births, 51 were upon certificates received from the Coroners; 568 births, 182 marriages, 49 still-births, 777 deaths; 18 applications for transit permits were recorded, indexed and tabulated; 117 searches of the registers of births, marriages, and deaths were made, and 3 transcripts of the birth record, 16 of marriage, and 81 of death were issued during the week.

The mean temperature for the week ending March 14, 1885, was 25.5 degrees Fahr., the mean reading of the barometer was 29.949, the mean humidity was 83, saturation being 100, the number of miles traveled by the wind was 1,807, and the total amount of rain-fall was 0 inch depth of water, as reported by D. Draper, Ph. D., Director of the New York Meteorological Observatory, Central Park.

The disposition of 742 deaths and still-births, or 89.83 per cent. of the total number reported, was in the following 14 cemeteries: Bayside (Jewish), 24; Calvary (Roman Catholic), 284; City pauper burial-ground (undenominational), 108; Greenwood (undenominational), 60; Lutheran (undenominational), 114; Cypress Hills (undenominational), 25; Evergreen (undenominational), 46; Woodlawn (undenominational), 25; St. Michael's (Protestant Episcopal), 9; Union (Methodist Protestant), 7; Holy Cross (Roman Catholic), 14; Machpelah, L. I. (Jewish), 3; St. Raymond's (Roman Catholic), 7; Washington (undenominational), 16.

The distribution of deaths (actual mortality) for the week ending March 7, 1885, was in the following Wards, viz.: First, 12; Second, 1; Third, 8; Fourth, 8; Fifth, 3; Sixth, 15; Seventh, 26; Eighth, 19; Ninth, 34; Tenth, 23; Eleventh, 39; Twelfth, 106; Thirteenth, 17; Fourteenth, 14; Fifteenth, 5; Sixteenth, 24; Seventeenth, 65; Eighteenth, 39; Nineteenth, 139; Twentieth, 46; Twenty-first, 58; Twenty-second, 48; Twenty-third, 20; Twenty-fourth, 9.

The actual mortality for the week ending March 7, 1885, was 779; this is 118 more than the number that occurred during the corresponding week of the year 1884, and 89.4 more than the average of the corresponding weeks of the past five years, and represents an annual death-rate of 29.26 per 1,000 persons living, the population estimated at 1,384,637.

The annual death-rate per 1,000 persons living, of the estimated or enumerated population, according to the most recent weekly returns of Philadelphia was 24.26; Brooklyn, 24.30; Baltimore, 19.70; Boston, 25.72; New Orleans, 32.44; Richmond, 21.49; Charleston, 30.83; Lowell, 14.55; Worcester, 19.50; Cambridge, 15.34; Fall River, 13.26; Lawrence, 15.34; Lynn, 12.74; Springfield, 17.65; Pittsburg, 12.48. Monthly returns—Cincinnati, 20.49; Providence, 16.20; Mobile, 24.00; Nashville, 20.16; Norfolk, 38.49; St. Paul, 11.40; Oakland, 12.00; Auburn,

17.51; Salt Lake, 13.87; Chattanooga, 28.57. Foreign cities, weekly returns—London, 20.0; Liverpool, 25.7; Birmingham, 19.4; Manchester, 24.6; Glasgow, 29.0; Edinburgh, 16.0; Dundee, 26.2; Dublin, 30.3; Belfast, 32.3; Cork, 32.4; Brussels, 27.3; Antwerp, 20.6; Paris, 26.67; Rome, 33.3; Venice, 28.3; Berlin, 22.5; Munich, 32.0; Vienna, 29.7; Trieste, 38.43; Stockholm, 24.6; Christiania, 29.3; Amsterdam, 27.4; Rotterdam, 24.5; The Hague, 28.2; Calcutta, 34.9; Bombay, 53.6; Geneva with suburbs, 27.7; Basel, 20.4; Bern, 37.1; St. Petersburg, 37.2; Havre, 31.9; Salford, 26.8; Liege, 31.3; Palma, 28.8; Lisbon, 36.9; Amiens, 20.3. Monthly returns—Rheims, 28.91. Semi-monthly return—Saint-Etienne, 20.4.

By order of the Board.

EMMONS CLARK, Secretary.

DEPARTMENT OF DOCKS.

At a meeting of the Board of Docks held March 11, 1885.

Present—The full Board, and Henry J. Storrs, representing the Comptroller of the City.

The Board proceeded to open the bids advertised for to be opened this day at 12 o'clock.

Two estimates were received for dredging the half slip south of Pier, new 43, North river, as follows:
No. 1. From Union Dredging Company, with \$40 in check, per cubic yard..... 20
No. 2. From Morris & Cummings Dredging Company, with \$40 in money, per cubic yard..... 19½
Eight estimates were received for repairing the approach to Piers, new 46 and new 47, North river, and for repairing the Pier and its approach at the foot of West Twenty-first street, North river, as follows:

No.	BIDDERS.	CLASS No. 1.	CLASS No. 2.
		Approach Piers, new 46 and 47.	Pier and Approach at West 21st Street.
1	From Flaherty & O'Connell, with \$75 in money.....	\$2,375 00	\$2,475 00
2	" James D. Walsh, with \$75 in money.....	2,493 00	2,447 00
3	" James D. Leary, with \$75 in money.....	2,690 00	2,740 00
4	" Ryan & Cody, with \$40 in money.....	No bid.	2,483 00
5	" Joseph Walsh, with \$75 in money.....	2,790 00	2,990 00
6	" Earl & Rodman, with \$75 in money.....	2,663 00	2,663 00
7	" J. H. Staats, with \$75 in money.....	2,425 00	2,550 00
8	" Moses Engle, with \$40 in money.....	No bid.	2,590 00

On motion, the bids received were laid over for examination, and the Secretary directed to transmit to the Comptroller the security deposits made by the several bidders and accompanying their respective estimates.

The Board then proceeded with the regular order of business.

The minutes of the meeting held March 4th, instant, were read and approved.

The following communications were received, read and,

On motion, laid on the table to await action as stated, to wit:

From Counsel to the Corporation:

1st. In reference to the suit commenced against Morris Wasel, lessee, for rent of Pier at foot of East Thirty-seventh street, East river. Referred to Executive Session.

2d. In reference to lease for Pier at West Thirty-sixth street, North river. Referred to Executive Session.

From Engineer-in-Chief—Submitting estimates of dredging and repairs required to unleased premises on the North and East rivers, and also on those the existing leases of which expire in the spring of 1885.

From Simon Stevens, attorney for Frank Phelps and others, owners of one hundred feet of bulkhead, etc., on West street, north of Beach street, North river—Offering to sell the said wharf property for the sum of \$60,000.

The following communications were received, read and,

On motion, ordered to be placed on file, action being taken where necessary as stated, to wit:

From Counsel to the Corporation:

1st. Opinion as to the power and authority of the Board to collect rent from the property bounded by Twenty-seventh and Twenty-eighth streets and Eleventh and Thirteenth avenues, on North river.

Secretary to record in the Book of Opinions, and to request the Counsel to the Corporation to commence proceedings for the possession of the property in question, and for the recovery of the rent accruing therefor.

2d. In reference to the ownership of the Dry Dock located at Pier 62, East river.

Secretary directed to advise that for some time prior to June 14, 1882, when the opinion of the Counsel to the Corporation in respect to the ownership of the north half of Pier 62, East river, was received by the Department, the Dry Dock in question was located thereat, and as the Board have been informed Mr. John Petrie, of No. 95 South Third street, Brooklyn, E. D., was the owner thereof at that time, and subsequently until some time about July, 1884, when James Shewan is reported as having purchased the said Dry Dock. As there is no recorded transfer of property of this nature that the Commissioners are aware of, the information as to the exact time when the transfer was made has not been obtained, for the reason that the parties declined to give that information to the messenger from this Department who made the inquiry, and that all the information the Department has been able to obtain was transmitted to him in letter of January 31, 1885.

From Comptroller of the City—Returning certain vouchers and requesting that the certificate of the Commissioners on the same be amended so as to conform to the subdivision of the section cited as the law governing this Department. The Secretary stating that by direction of the Commissioners the said vouchers had been amended as requested and returned to the Comptroller, his action was approved.

From Pennsylvania Railroad Company—Requesting permission to place fender piles along the front of the bulkhead at foot of Thirty-fifth street, North river. The Secretary stating that by direction of the Commissioners he had issued a permit therefor, the said work to be done under the supervision and direction of the Engineer-in-Chief of this Department, his action was approved.

From Van Sickler & Co., lessees—Requesting a reduction in the rent of the bulkhead foot of Franklin street, North river. Secretary directed to acknowledge receipt of the communication and to advise that the Board cannot change the terms and conditions of the lease now existing for the said premises.

From Louis de Bebian, agent, Compagnie Générale Transatlantique—In reference to dredging needed in the slip south of Pier, new 42, North river. Engineer-in-Chief to be directed to examine and report as to the dredging required thereat. Secretary directed to advise Mr. De Bebian of the action of the Board.

From S. A. Frost—Requesting permission to repair Pier 17, East river. Secretary stating that by direction of the Commissioners a permit had been issued therefor, the said work to be done under the supervision and direction of the Engineer-in-Chief, his action was approved.

From John J. Nolan—Requesting the use of a portion of the bulkhead foot of Fourteenth street, East river.

From I. J. Geery—In reference to the dredging ordered at the bulkhead on north side of Pier foot of Thirty-eighth street, East river, and informing the Board that he has sold the said premises to F. M. Orton & Co. Secretary directed to notify F. M. Orton & Co. to dredge thereat to a depth of fifteen feet at mean low water, under the supervision and direction of the Engineer-in-Chief, or the penalty for violation of Rule 9, which is \$50 per day for each and every day that shall elapse before said notice is complied with, will be imposed by this Department.

From Engineer-in-Chief:

1st. Reporting assignment of employees to special duty other than that to which they were appointed. Secretary directed to notify the Bookkeeper.

2d. Reporting that the Pier foot of Bogar street, North river, is in a dangerous condition and should be fenced off until thorough repairs can be made. Engineer-in-Chief to be directed to fence off the said pier.

3d. Reporting the amount of work done during the week ending March 7, 1885.

4th. Report on Secretary's Order No. 4111, that he had repaired the Pier at foot of West Fifty-fifth street, North river.

5th. Report on Secretary's Order No. 4148, that the repairs to Pier 15, East river, had been made under his supervision.

6th. Report on Secretary's Order No. 4150, that he repaired the bulkhead between Piers 18 and 19, East river.

7th. Report on Secretary's Order No. 4155, that he had superintended the repairing of Pier 38, East river.

8th. Report on Secretary's Order No. 4163, that he had repaired the north side of Pier foot of West Eighteenth street, North river.

9th. Report on Secretary's Order No. 4199, as to the dredging required at the dumping-board foot of East Thirty-eighth street, East river. Engineer-in-Chief to be directed to make requisition for dredging thereat to a depth of fifteen feet at mean low water.

10th. Report on Secretary's Order No. 3759, that the shed on Pier, new 27, North river, had been erected under his supervision.

11th. Report on Secretary's Order No. 4201, that he had refastened spring pile at outer end of Pier, new 46, North river.

From Edward Gilon, Dock Master:

1st. Reporting that on February, 28th ultimo, he had notified A. Seaman & Son to remove brick encumbering Pier, new 60, North river, on or before March 2d, instant; said brick not removed on March 7th, instant. Penalty of \$250 imposed upon A. Seaman & Son, of Horatio street and Thirteenth avenue, for violation of Rule 4, in not removing the brick when notified by the Dock Master, and the Secretary directed to notify them to call and pay the said amount to the Treasurer of this Department within five days, or the claim will be sent to the Counsel to the Corporation for collection.

2d. Reporting that the scow sunk at Pier foot of West Fortieth street, North river, had been removed on March 3d, instant, by the owners, Ellen and Peter Donnelly.

From Bernard Kenney, Dock Master:

1st. Reporting that the sheathing on the south side of Pier 57, East river, is in a dangerous condition. Engineer-in-Chief to be directed to repair.

2d. Reporting that on the 9th instant James Lyons, of No. 437 East Sixteenth street, used a horse for hoisting purposes on Pier foot of Twenty-third street, East river, and Bernard Duffy, of No. 331 East Thirty-third street, used a horse on the Pier foot of Thirty-second street, East river, on the same date, without having a platform for the use of the said horses. Penalty of \$5 imposed upon each of the said parties for violation of Rule 7, and the Secretary directed to notify them to call and pay the said amounts to the Treasurer of this Department within five days, or the claims will be sent to the Counsel to the Corporation for collection.

From Abram Duryee, Dock Master:

1st. Reporting that the new bulkhead at One Hundred and Thirtieth street, North river, has settled considerably and is in need of grading. Engineer-in-Chief to be directed to examine and grade the same if necessary.

2d. Reporting that dredging is needed at Pier foot of West Seventy-ninth street, North river. Engineer-in-Chief to be directed to examine and report as to the dredging required at the said pier.

3d. In reference to rate of wharfage for use of Pier at foot of West Fifty-fifth street, North river, and inclosing communication from the New York, Lake Erie & Western R. R. Co. in respect thereto. The Dock Master to be directed to ascertain the legal rate of wharfage and to collect the same.

From John M. Smith, Dock Master.—Recommending that the wearing pieces be replaced where gone on the Piers foot of West Seventeenth and West Eighteenth streets, North river, and requesting that a fender pile be replaced on the north side of the Pier foot of West Eighteenth street, North river. Engineer-in-Chief to be directed to repair.

The application of the People's Ferry Company for permission to erect a ferry-house, etc., on the south side of the Pier at Twenty-third street, East river, in accordance with the plans submitted therefor, and the report from the Engineer-in-Chief on Secretary's Order, No. 4185, in relation thereto, were taken from the table and ordered to be placed on file, and the following resolution, offered by Commissioner Voorhis, in relation thereto, unanimously adopted:

Resolved, That permission be and hereby is granted to the People's Ferry Company, as lessees of the ferry premises on the southerly side of the Pier at foot of East Twenty-third street, East river, to erect thereat a new ferry-house and appurtenances requisite for the safe conduct and management of the said ferry.

The said ferry-house and appurtenances to be constructed in accordance with the laws of the State of New York, and as per elevation and plans submitted therefor by the said company, and which are hereby approved by this Board; the said structure to be erected upon the platform on piles heretofore authorized to be constructed on the south side of the Pier at East Twenty-third street, East river.

The dimensions of the said ferry-house to be one hundred feet and five inches in front and rear, and extending eighty-five feet in depth along the southerly side of said pier; the front of the same to be located at a point on the southerly side of the Pier at East Twenty-third street, distant two hundred and twenty feet from the existing bulkhead line, and to extend southerly therefrom at right angles with the said pier; provided that the said People's Ferry Company, lessees, shall file in this office within ten days after notice hereof an agreement in writing, that the said ferry-house, platform, bridges and ferry-racks, shall not be used or permitted to be used for any other purposes than as and for ferry purposes; and that when the said premises or any portion thereof shall be required for the prosecution of the work of the permanent improvement of the water front in accordance with the plan which may be hereafter adopted therefor, that the said People's Ferry Company will vacate and surrender the whole or such portion of the said premises as may be required therefor, within thirty days after service of notice to that effect; and also, within said time, that they will take down and remove any structures thereon erected belonging to them which they shall be notified so to do; and the said ferry company is also hereby required to keep in good and sufficient repair all the structures hereby authorized during the continuance of this permit, or until the expiration or sooner termination of the existing lease for the said ferry premises and franchise, and also to cause the land under water in and about and under the said ferry-house, platform, bridges, ferry-racks, etc., to be dredged and to be maintained to the depth of fifteen feet at mean low water, all of the herein mentioned and described work to be done under the supervision and direction of the Engineer-in-Chief of this Department.

A communication from William P. Kelly, requesting an extension of time in which to complete his contracts for repairing the Pier at One Hundred and Twenty-ninth street, North river, and the Pier at Sixteenth street, North river, was received, read, and ordered to be placed on file; and the following resolution in relation thereto, offered by Commissioner Laimbeer, was adopted:

Resolved, That the time for the completion of the work of repairing the Piers at the foot of West Sixteenth street and West One Hundred and Twenty-ninth street, North river, under contracts No. 220 B and No. 219, awarded to Wm. P. Kelly, be and hereby is extended until April 14 and April 20, 1885, respectively.

On motion of Commissioner Voorhis, the time fixed for the sale of the leases of wharf property was postponed from March 16 to March 30, 1885.

The Secretary stating that the pay-rolls for the month of February, 1885, amounting in the aggregate to the sum of \$7,319.48, and the pay-rolls for the General Repairs and Construction force for the half month ending February 28, 1885, amounting in the aggregate to the sum of \$3,286.87, had been approved and audited, and that he had forwarded the same together with proper requisitions for the amounts to the Finance Department for payment, his action was approved.

The Auditing Committee presented an audit of 17 bills or claims, amounting in the aggregate to the sum of \$13,526.79, which was accepted and adopted, and the Secretary directed to enter the same in full on the minutes, as follows:

Audit No.	Bills or Claims.	Amount.
8873.	James D. Leary, Estimate No. 6, under Contract No. 216.	\$635 49
8874.	Alfred J. Murray, white oak.	273 77
8875.	F. W. Devoe & Co., oil, etc.	68 71
8876.	S. A. Suydam, stovepipe, etc.	41 60
8877.	Decker & Rapp, yellow pine.	23 74
8878.	V. Vierow, services of tug.	22 50
On Construction Account.		\$1,065 81
8879.	James D. Leary, Estimate No. 5, under Contract No. 216.	\$7,132 52
8880.	William P. Kelly, Estimate No. 1, under Contract No. 220 "B".	2,873 70
8881.	John W. Flaherty and Thos. O'Connell, Estimate No. 1, under Contract No. 220 "A".	2,025 08
8882.	Bell Bros., spruce.	199 84
8883.	Isaac J. Oliver, printing proposals, etc.	74 00
8884.	Decker & Rapp, yellow pine.	63 34
8885.	A. J. Murray, white oak.	28 00
8886.	Guy C. Hotchkiss, Field & Co., grating covers, etc.	13 60
On General Repairs Account.		\$12,410 08
8887.	Consolidated Gas Co., supply of gas for February, 1885.	\$25 65
8888.	The "New York Commercial Advertiser," advertising notices, etc.	14 00
8889.	John J. Bloomfield, stylographic pens.	11 25
On Annual Expense Account.		\$50 90
RECAPITULATION.		
6	Bills or Claims on Construction Account.	\$1,065 81
8	" " " General Repairs Account.	12,410 08
3	" " " Annual Expense Account.	50 90
17	" " " Amounting to.	\$13,526 79

Respectfully submitted,
JOHN R. VOORHIS, } Auditing Committee.
WM. LAIMBEER, }

On motion, the Secretary was directed to forward the said bills, together with proper requisitions for the amounts, to the Finance Department for payment.

Commissioner Voorhis, the Treasurer of the Board, presented his report of receipts for the two weeks ending March 10, 1885, which was received, read, and ordered to be placed on file and the Secretary directed to enter the same in full on the minutes, as follows:

DATE.	FROM WHOM.	FOR WHAT.	AMOUNT.	TOTAL.	DATE DEPOSITED.
1885.					1885.
Feb. 25	J. McCarthy.	100 filling-in tickets, at 20 cents.	\$20 00		
" 26	John Kerrigan.	20 " " "	4 00		
" 26	Charles Ledwith.	20 " " "	4 00		
" 26	Edward Kelly.	100 " " "	20 00		
" 26	John Purdy.	110 " " "	22 00		
" 26	Andrew Dittinger.	1 qrs. rent Pier at 51st street.	800 00		
				\$870 00	Feb. 26
" 27	Vandervoort & Tucker.	1 mos. rent float at 116th street.	\$10 00		
" 27	John Rheinfrank.	Penalty for violating Dept. rules.	5 00		
" 27	Ridgewood Ice Co.	" " " "	5 00		
" 27	John Kehoe.	300 filling-in tickets, at 20 cents.	60 00		
" 27	John J. Bowes.	20 " " "	4 00		
" 28	John Purdy.	140 " " "	28 00		
" 28	The Frank Bros. Co.	Repairs to shed Pier, new 43, N. R.	74 42		
Mar. 2	Twenty-third Street R. W. Co.	1 mos. rent pfm. n. of 23d st. Ferry.	100 00		
" 2	Neidlinger, Schmidt & Co.	1 qrs. rent pfm. at 63d street, E. R.	62 50		
" 2	John H. Starin.	1 qrs. rent Pier, new 41, N. R.	7,500 00		
" 2	John Graham.	70 filling-in tickets, at 20 cents.	14 00		
" 2	L. Curren.	50 " " "	10 00		
" 2	Robert Daley.	50 " " "	10 00		
" 2	James Casey.	50 " " "	10 00		
" 2	J. McCarthy.	500 " " "	100 00		
" 2	J. Campbell & Son.	240 " " "	48 00		
" 2	Chas. H. Thompson.	Whfg. Dis. No. 1, to 24 Feb. incl.	638 77		
" 2	Geo. W. Wanmaker.	" 2, " " "	304 26		
" 2	Edward Abeel.	" 3, " " "	113 03		
" 2	John M. Smith.	" 4, " " "	682 55		
" 2	Bernard Kenney.	" 5, " " "	180 70		
" 2	Edward Gilon.	" 6, " " "	375 12		
" 2	Bernard Kenney.	Whfg. Dis. No. 7, to 28 Feb. incl.	92 80		
" 2	Abram Duryee.	" 8, " " "	93 19		
" 2	John Callan.	" 9, " " "	67 60		
" 2	E. & P. Marrin.	50 filling-in tickets, at 20 cents.	10 00		
" 2	T. E. Crimmins.	70 " " "	14 00		
				10,612 94	Mar. 2
" 3	Turt's Iron Works.	10 " " "	\$2 00		
" 3	Bogart & Morgan.	1 qrs. rent pfm. s. Pier, old 36, N. R.	62 50		
" 3	Inman Steamship Co.	1 " " Pier, new 43, N. R.	7,500 00		
" 3	Pacific Mail Steamship Co.	1 " " 34, etc., N. R.	11,375 00		
" 3	Greenpoint Ferry Co.	1 " bhd. s. of 24th st., E. R.	1,025 00		
" 5	N. Y., N. H. & H. R. R. Co.	1 " pfm. at bhd. s. pier 50, E. R.	1,000 00		
" 6	John Kehoe.	300 filling-in tickets, at 20 cents.	60 00		
" 6	Benjamin Fox.	20 " " "	4 00		
				21,028 50	Mar. 6
" 7	T. E. Crimmins.	500 " " "	\$100 00		
" 7	P. Garvey.	50 " " "	10 00		
" 9	T. McCarthy.	80 " " "	16 00		
" 9	John Ward.	30 " " "	6 00		
" 9	Thomas Lord.	10 " " "	2 00		
" 9	P. Garvey.	140 " " "	28 00		
" 9	J. McCarthy.	320 " " "	64 00		
" 9	T. E. Crimmins.	300 " " "	60 00		
" 9	B. Farrell.	100 " " "	20 00		
" 9	P. M. T. Larkin.	300 " " "	60 00		
" 9	Wm. S. Tompkins.	67 days' rent bhd. n. Franklin st.	403 84		
" 9	Charles H. Thompson.	Whfg. Dis. No. 1, to 7th inst. incl.	269 36		
" 9	Geo. W. Wanmaker.	" 2, " " "	112 70		
" 9	Edward Abeel.	" 3, " " "	1,116 17		
" 9	John M. Smith.	" 4, " " "	688 09		
" 9	Bernard Kenney.	" 5, " " "	124 32		
" 9	Edward Gilon.	" 6, " " "	191 80		
" 9	Bernard Kenney.	" 7, " " "	122 90		
" 9	Abram Duryee.	" 8, " " "	164 58		
" 9	John Callan.	" 9, " " "	14 35		
				3,574 11	Mar. 9
" 10	Williams & Guion.	1 qrs. rent Pier, new 38, N. R.	\$7,500 00		
" 10	John Kehoe.	400 filling-in tickets, at 20 cents.	80 00		
" 10	L. Curren.	30 " " "	6 00		
" 10	E. McDonald.	10 " " "	2 00		
" 10	P. Canfield.	10 " " "	2 00		
" 10	Thomas Sexton.	20 " " "	4 00		
				7,594 00	Mar. 10
			\$43,679 55	\$43,679 55	

Respectfully submitted,
JOHN R. VOORHIS, Treasurer.

The following requisitions were read and,
On motion, approved :

Register No.		Estimated cost,	
5136.	For labors, etc., drive 25 piles.....	\$325	00
5137.	For about 100 spruce piles.....	"	275 00
5138.	For 20 pounds ice daily, from April 1, 1885, to March 31, 1886. . .	"	
5139.	For Surveyors' supplies.....	"	36 50

The Board then went into Executive Session, and the following appointments were made :
On motion of President Stark—Thomas Moran, Patrick Geoghegan, James Clark and Charles Dimse, as Dockbuilders ; and Dennis Meehan, as laborer, in place of Patrick Campbell, discharged.
On motion of Commissioner Voorhis—James Fitzsimmons, Luke A. Gallagher, Peter Nolan, Peter McArdle and Edward Brady, as Dockbuilders.

On motion of Commissioner Laimbeer—George Archbold, as stonemason, in place of Joseph Jaques, resigned ; David W. Fulton, Patrick H. Murray and Thomas McMahon, as Dockbuilders.

On motion, the Board adjourned.

JOHN T. CUMING, Secretary.

At a special meeting of the Board of Docks held March 13, 1885.

Present—The full Board.

A report from the Engineer-in-Chief on Secretary's Order No. 4169, in reference to locating a dumping-board on the Pier foot of East One Hundred and Tenth street, Harlem river, and also submitting an estimate of the cost of repairing the existing structure thereat, to make the same suitable for the erection of a dumping-board, was received, read and, together with the communication from the Department of Street Cleaning in respect thereto, which was taken from the table, was ordered to be placed on file, and the Engineer-in-Chief was directed to prepare plans and specifications for repairing the existing structure at the foot of East One Hundred and Tenth street, Harlem river, and also to prepare a proper foundation for and to put the same in suitable condition for use by the Department of Street Cleaning.

The Secretary presented a list prepared by the Commissioners of thirty-three lots of Corporation wharf property, leases for which are to be offered at public sale :

ON NORTH RIVER.

For and during the Term of Five Years from May 1, 1885.

- Lot 1. Pier, old 12, north half and half bulkhead northerly.
- Lot 2. Pier, old 13, and half bulkhead south.

For and during the Term of Three Years from May 1, 1885.

- Lot 3. Bulkhead north of Pier, new 1.
- Lot 4. Pier at Gansevoort street.
- Lot 5. Pier at Little West Twelfth street.
- Lot 6. Pier at West Sixteenth street.
- Lot 7. Pier at West Eighteenth street.
- Lot 8. Pier, new 59.
- Lot 9. Pier at West Forty-fourth street, with the privilege of erecting a dump on the approach.
- Lot 10. Pier at West Fifty-first street, with reservation for public bath on the north side of pier.
- Lot 11. Pier at West One Hundred and Twenty-ninth street.
- Lot 12. Pier at West One Hundred and Thirty-eighth street.
- Lot 13. Pier at West One Hundred and Fifty-second street.
- Lot 14. Pier at West One Hundred and Fifty-fifth street.

For and during the Term of One Year from May 1, 1885.

- Lot 15. Pier, old 20.
- Lot 16. Pier, old 21, and the bulkhead between Piers, old 20 and 21.

ON EAST RIVER.

For and during the Term of Three Years from May 1, 1885, except as to Lot No. 20.

- Lot 17. East half of Pier 18.
- Lot 18. Bulkhead platform between Piers 20 and 21.
- Lot 19. Outer half of the east side of Pier 22.
- Lot 20. Outer two hundred and eleven feet of the west side of Pier 23. (This lot to be sold for the term of two years and eleven months from June 1, 1885.)
- Lot 21. Pier 44, and forty-five feet of bulkhead westerly.
- Lot 22. Pier 46.
- Lot 23. Easterly half of Pier 51 and westerly half of Pier 52, and bulkhead and small pier between, except reservation at outer end of easterly side of Pier 51 for berth for public bath during summer season.
- Lot 24. Southerly half of Pier 57 and the bulkhead between Piers 56 and 57.
- Lot 25. Pier at Third street.
- Lot 26. Bulkhead at Fifteenth street.
- Lot 27. Bulkhead at Sixteenth street.
- Lot 28. Bulkhead at Twentieth street.
- Lot 29. Bulkhead at Twenty-ninth street. (Privilege will be granted for the erection of a dumping-board thereat.)
- Lot 30. Bulkhead on the southerly side and extending along Thirty-ninth street, with the privilege of a dump.
- Lot 31. Bulkhead at Forty-first street.
- Lot 32. Bulkhead at Forty-third street.
- Lot 33. Bulkhead at Fifty-third street.

Commissioner Voorhis offered the following resolutions, which were adopted :

Resolved, That Van Tassell & Kearney be and hereby are selected as auctioneers for the purpose of selling on Monday, March 30, 1885, at 12 o'clock M., to the highest bidder, the right to collect and retain all wharfage accruing at the above-mentioned bulkhead and wharf property, subject to the terms and conditions as set forth in the form of advertisement as approved by the Commissioners.

Resolved, That the Secretary be directed to cause the notice of the sale to be published for ten days in the CITY RECORD, and other newspapers designated by law for Corporation notices.

The Secretary was directed to notify the owner or owners of Pier 14, East river, to dredge the slip on either side of the said pier to a depth of twenty feet at mean low water ; also to notify the owner or owners of Pier 15, East river, to dredge the half slip on the westerly side of the said pier, and the Union Ferry Company to dredge the slip east of Pier 15, East river, to a depth of twenty feet at mean low water, within thirty days after the receipt of notice, under the supervision and direction of the Engineer-in-Chief, or the penalty for violation of Rule 9 will be imposed.

On motion, the Board adjourned.

JOHN T. CUMING, Secretary.

LAW DEPARTMENT.

The following schedules form a report of the transactions of the office of the Counsel to the Corporation, for the week ending March 21, 1885 :

The Mayor, Aldermen and Commonalty of the City of New York are defendants, unless otherwise mentioned.

SCHEDULE "A."

SUITS AND SPECIAL PROCEEDINGS INSTITUTED.

SUPREME COURT.

- In re petition of Alfred E. Beach, to vacate an assessment for Seventy-fifth street regulating, etc., from Tenth avenue to Riverside Drive.
- In re petition of Alfred E. Beach, to vacate an assessment for Seventy-fifth street sewer, West End avenue and Boulevard.
- In re John Barry—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street, between Tenth avenue and Kingsbridge road.

- In re Patrick Barry—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge road.
- In re Thomas Bradburn—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge road.
- In re Richard Conway—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge road.
- In re Johanna Foley—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge road.
- In re Michael Foley—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge Road.
- In re William McDonald—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge road.
- In re William E. McDonald—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge road.
- In re Isaac P. Martin—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge road.
- In re Patrick Meehan—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge road.
- In re Mary Russell—To vacate an assessment for regulating, grading, etc., One hundred and Seventy-fifth street between Tenth avenue and Kingsbridge road.

SUPERIOR COURT.

- People ex rel. James J. Jones vs. Edward V. Loew, as Comptroller of the City of New York—Application for a writ of mandamus to compel payment of \$3,150 to relator, amount due upon contract for constructing an administration building on North Brother island.
- The Mayor, etc., of the City of New York vs. P. F. Maginn, Michael Groh and Michael Treacy—Suit on bond of P. F. Maginn on the contract for regulating and paving Twenty-first street, from Tenth to Thirteenth avenues, \$253.84.

BEFORE THE ASSESSMENT COMMISSION APPOINTED UNDER CHAPTER 550 OF THE LAWS OF 1880.

- In re petition of Mary R. Lundy, as administratrix, etc., for repayment of assessment for regulating, etc., St. Nicholas avenue, between One Hundred and Tenth and One Hundred and Fifty-fifth streets.
- In re petition of Alfred E. Beach, to vacate an assessment for regulating, grading, etc., Boulevard, between Fifty-ninth and One Hundred and Fifty-fifth streets.

SCHEDULE "B."

JUDGMENTS ENTERED AND ORDERS OF THE GENERAL AND SPECIAL TERMS.

- People ex rel. New York Equitable Ins. Co. agst. Tax Commissioners—Entered order of discontinuance without costs.
- People ex rel. John M. Pinckney agst. Tax Commissioners—Entered order of discontinuance without costs.
- Wm. H. Jackson—Judgment entered in favor of plaintiff for \$634.12 by consent.
- Solomon Mehrbach—Judgment entered in favor of plaintiff for \$1,322.20 by consent.
- In re H. L. G. Asmari, sale for First avenue regulating—Order entered to vacate sale.
- In re Richard T. Auchmuty, Boulevard tree planting—Order entered reducing assessment.
- In re August Belmont, Boulevard tree planting—Order entered reducing assessment.
- In re Marie L. Combes, Boulevard tree planting—Order entered reducing assessment.
- In re Martha J. Deraismes, Boulevard tree planting—Order entered reducing assessment.
- In re Francis J. Deraismes, Boulevard tree planting—Order entered reducing assessment.
- In re Fannie M. Kellogg, Boulevard tree planting—Order entered reducing assessment.
- In re Fannie A. Lawrence, Boulevard tree planting—Order entered reducing assessment.
- In re Catharine C. Schofield, Boulevard tree planting—Order entered reducing assessment.
- In re Emily A. Smith, Boulevard tree planting—Order entered reducing assessment.
- In re Emma J. Storey, Boulevard tree planting—Order entered reducing assessment.
- In re Jacob Rudolph, Eighth avenue regulating, etc., One Hundred and Twenty-eighth street and Harlem river—Order entered reducing assessment.
- In re William Reid, Jr., Eighth avenue regulating, etc., One Hundred and Twenty-eighth street and Harlem river—Order entered reducing assessment.
- In re Susan A. King, Eighth avenue regulating, etc., One Hundred and Twenty-eighth street and Harlem river—Order entered reducing assessment.
- In re William A. Caldwell, Eighth avenue regulating, etc., One Hundred and Twenty-eighth street and Harlem river—Order entered reducing assessment.
- In re Daniel B. Alger, Eighth avenue regulating, etc., One Hundred and Twenty-eighth street and Harlem river—Order entered reducing assessment.
- In re Christian Brand, Eighth avenue regulating, etc., One Hundred and Twenty-eighth street and Harlem river—Order entered reducing assessment.
- In re H. L. G. Asmari, First avenue paving, Thirty-sixth to Sixty-first streets—Order entered reducing assessment.
- In re Henry P. McGown, One Hundred and Seventh street regulating, etc., Sixth and Seventh avenues—Order entered reducing assessment.
- In re Thomas W. Pearsall, One Hundred and Seventh street regulating, etc., Sixth and Seventh avenues—Order entered reducing assessment.
- In re Nellie Sanger, and others, One Hundred and Sixteenth street curbing, etc., Sixth and Seventh avenues—Order entered reducing assessment.
- In re Estate of Bernard Mayer, deceased, Ninety-ninth street regulating, etc., Eighth to Eleventh avenue—Order entered reducing assessment.
- In re Victor W. Macfarlane, Thirteenth avenue regulating, etc., Eleventh to Sixteenth street—Order entered reducing assessment.
- In re Thomas N. Lawrence, Forty-fifth street paving, etc.—Order entered reducing assessment.
- In re Fannie A. Lawrence, Ninety-fourth street regulating, etc.—Order entered to reduce assessment.
- In re Josiah Jex, One Hundred and Twenty-sixth street regulating, etc.—Order entered to reduce assessment.
- In re Emil S. Heineman, Eighty-fifth street regulating, etc.—Order entered to reduce assessment.
- In re Jabez N. Hazard, trustee, etc., Seventy-eighth street regulating, etc.—Order entered to reduce assessment.
- In re Geo. G. De Witt and others, Seventy-fifth street paving, etc.—Order entered to reduce assessment.
- In re Willett Bronson, One Hundred and Third street regulating, etc.—Order entered to reduce assessment.
- Wm. Butler Duncan—Entered order discontinuing action as to the city upon payment by the city of \$1,972, the amount of the award, into court and discharging it from all liability except that the prevailing party recover of the city the interest from the date of the filing of the demand in the Comptroller's office.
- New York Cement Company vs. A. D. Campbell and The Mayor, etc., et al.—Order of discontinuance entered.
- People ex rel. The Thompson and Bedford Co. (limited), vs. Tax Commissioners—Entered order of discontinuance without costs.
- Siegmund Harris—Order entered discontinuing action without costs.
- Alma Hoffman—Entered judgment in favor of the city on the verdict and for \$106.92 costs, etc.
- Goldsmith D. Johns, ex'r, etc.—Judgment entered reforming and correcting deed.

SCHEDULE "C."

SUITS AND SPECIAL PROCEEDINGS TRIED OR ARGUED.

- Emily D. Jex, et al.—Argued before Andrews, J. ; decision reserved.
- John Murphy vs. J. R. Rand, et al.—Tried before Van Vorst, J. ; decision reserved.
- Matter Sarah C. Curry, One Hundred and Thirty-eighth street award—Motion to send back the report for further findings ; motion denied.
- Graham McAdam—Case agreed upon submitted at General Term ; decision reserved.
- People ex rel. John Horan vs. Board of Police—Argued at General Term ; decision reserved.
- Edwin O. Perrin—Demurrer submitted to Andrews, J. ; decision reserved.
- M. T. McMahon, Receiver of Taxes, etc., vs. Lehman Samuels—Tried before Ingraham, J., and jury ; verdict directed for full amount.
- People ex rel. John McQuade vs. Edward V. Loew, Comptroller—Motion for mandamus argued before Truax, J. ; papers submitted.
- Chas. Jones and another—Reference proceeded and closed, briefs to be submitted in two weeks.
- People ex rel. Adon Smith vs. Tax Commissioners—Argued at General Term ; decision reserved.

E. HENRY LACOMBE, Counsel to the Corporation.

OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING WHICH all the Public Offices in the City are open for business, and at which each Court regularly opens and adjourns, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts.

EXECUTIVE DEPARTMENT.

Mayor's Office.

No. 6 City Hall, 9 A. M. to 3 P. M.
WILLIAM R. GRACE, Mayor; RICHARD J. MORRISON, Secretary; WILLIAM L. TURNER, Chief Clerk.

Mayor's Marshal's Office.

No. 1 City Hall, 9 A. M. to 4 P. M.
THOMAS W. BYRNES, First Marshal.
GEORGE W. BROWN, Jr., Second Marshal.

Permit Bureau Office.

No. 13 City Hall, 9 A. M. to 4 P. M.
HENRY WOOD, Registrar.

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115 Stewart Building, 9 A. M. to 4 P. M.
WM. PITT SHEARMAN, J. B. ADAMSON.

AQUEDUCT COMMISSIONERS.

Room 78, Tribune Building, 9 A. M. to 5 P. M.
THE MAYOR, President; JAMES W. McCULLOH, Secretary; BENJAMIN S. CHURCH, Chief Engineer.

LEGISLATIVE DEPARTMENT.

Office of Clerk of Common Council.

No. 8 City Hall, 10 A. M. to 4 P. M.
ADOLPH L. SANGER, President Board of Aldermen.
FRANCIS J. TWOMEY, Clerk Common Council.

City Library.

No. 12 City Hall, 10 A. M. to 4 P. M.

DEPARTMENT OF PUBLIC WORKS.

Commissioner's Office.

No. 31 Chambers street, 9 A. M. to 4 P. M.
ROLLIN M. SQUIRE, Commissioner; DAVID LOWBER SMITH, Deputy Commissioner.

Bureau of Chief Engineer.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE W. BIRDSALL, Chief Engineer.

Bureau of Water Register.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOHN H. CHAMBERS, Register.

Bureau of Street Improvements.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEORGE A. JEREMIAH, Superintendent.

Engineer-in-Charge of Sewers.

No. 31 Chambers street, 9 A. M. to 4 P. M.
STEVENSON TOWLE, Engineer-in-Charge.

Bureau of Repairs and Supplies.

No. 31 Chambers street, 9 A. M. to 4 P. M.
THOMAS H. McAVOY, Superintendent.

Bureau of Water Purveyor.

No. 31 Chambers street, 9 A. M. to 4 P. M.
ALSTON CULVER, Water Purveyor.

Bureau of Lamps and Gas.

No. 31 Chambers street, 9 A. M. to 4 P. M.
STEPHEN MCCORMICK, Superintendent.

Bureau of Streets.

No. 31 Chambers street, 9 A. M. to 4 P. M.
GEO. E. BARCOCK, Superintendent.

Bureau of Incumbrances.

No. 31 Chambers street, 9 A. M. to 4 P. M.
JOSEPH BLUMENTHAL, Superintendent.

Keeper of Buildings in City Hall Park.

MARTIN J. KEESSE, City Hall.

FINANCE DEPARTMENT.

Comptroller's Office.

No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
EDWARD V. LOEW, Comptroller; RICHARD A. STORRS, Deputy Comptroller.

Auditing Bureau.

Nos. 19, 21, 23 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
WM. J. LYON, Auditor of Accounts.
DAVID E. AUSTEN, Deputy Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.

Nos. 31, 33, 35, 37, 39 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
ARTHUR S. CADY, Collector of Assessments and Clerk of Arrears.

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
FRANCIS TOMES, Collector of the City Revenue and Superintendent of Markets.

Bureau for the Collection of Taxes.

First floor, Brown-stone Building, City Hall Park.
MARTIN T. McMAHON, Receiver of Taxes; ALFRED VREDENBURG, Deputy Receiver of Taxes.

Bureau of the City Chamberlain.

Nos. 25, 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
HENRY B. LAIDLAW, City Chamberlain.

Office of the City Paymaster.

Room 1, New County Court-house, 9 A. M. to 4 P. M.
MOOR FALLS, City Paymaster.

LAW DEPARTMENT.

Office of the Counsel to the Corporation.

Staats Zeitung Building, third floor, 9 A. M. to 5 P. M.
E. HENRY LACOMBE, Counsel to the Corporation.
ANDREW T. CAMPBELL, Chief Clerk.

Office of the Public Administrator.

No. 49 Beekman street, 9 A. M. to 4 P. M.
ALGERNON S. SULLIVAN, Public Administrator.

Office of the Corporation Attorney.

No. 49 Beekman street, 9 A. M. to 4 P. M.
WILLIAM A. BOYD, Corporation Attorney.

POLICE DEPARTMENT.

Central Office.

No. 100 Mulberry street, 9 A. M. to 4 P. M.
STEPHEN B. FRENCH, President; WILLIAM H. KIPP, Chief Clerk; JOHN J. O'BRIEN, Chief Bureau of Elections.

DEPARTMENT OF CHARITIES AND CORRECTION.

Central Office.

No. 66 Third avenue, corner Eleventh street, 8.30 A. M. to 5.30 P. M.
JACOB HESS, President; GEORGE F. BRITTON, Secretary.

FIRE DEPARTMENT.

Office hours for all except where otherwise noted from 9 A. M. to 4 P. M. Saturdays, to 3 P. M.

Headquarters.

Nos. 155 and 157 Mercer street.
CORNELIUS VAN COTT, President; CARL JUSSEN, Secretary.

Bureau of Chief of Department.

CHARLES O. SHAY, Chief of Department.

Bureau of Inspector of Combustibles.

PETER SEERY, Inspector of Combustibles.

Bureau of Fire Marshal.

GEORGE H. SHELTON, Fire Marshal.

Bureau of Inspection of Buildings.

ALBERT F. D'ONCH, Inspector of Buildings.

Attorney to Department.

WM. L. FINDLEY, Nos. 155 and 157 Mercer street.

Fire Alarm Telegraph.

J. ELLIOT SMITH, Superintendent of Telegraph, Nos. 155 and 157 Mercer street.

Central Office Fire Alarm Telegraph open at all hours.

Repair Shops.

Nos. 128 and 130 West Third street.

JOHN CASTLES, Foreman-in-Charge, 8 A. M. to 5 P. M.

Hospital Stables.

Ninety-ninth street, between Ninth and Tenth avenues.
JOSEPH SHEA, Foreman-in-Charge.
Open at all hours.

HEALTH DEPARTMENT.

No. 301 Mott street, 9 A. M. to 4 P. M.

ALEXANDER SHALER, President; EMMONS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.

No. 36 Union Square, 9 A. M. to 4 P. M.

JOHN D. CRIMMINS, President; EDWARD P. BARKER, Secretary.

Civil and Topographical Office.

Arsenal, Sixty-fourth street and Fifth avenue, 9 A. M. to 5 P. M.

Office of Superintendent of 23d and 24th Wards.

One Hundred and Forty-sixth street and Third avenue, 9 A. M. to 5 P. M.

DEPARTMENT OF DOCKS.

Nos. 117 and 119 Duane street, 9 A. M. to 4 P. M.

LUCIUS J. N. STARK, President; JOHN T. CUMING, Secretary.

Office hours from 9 A. M. to 4 P. M. daily, except Saturdays; on Saturdays as follows: from September 15 to June 15, from 9 A. M. to 3 P. M.; from June 15 to September 15, from 9 A. M. to 12 M.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Staats Zeitung Building, Tryon Row, 9 A. M. to 4 P. M. Saturdays, 3 P. M.

THOMAS B. ASTEN, President; FLOYD T. SMITH, Secretary.

Office Bureau Collection of Arrears of Personal Taxes.

Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.
CHARLES S. BEARDSLEY, Attorney; WILLIAM COMBERFORD, Clerk.

DEPARTMENT OF STREET CLEANING.

Nos. 31 and 32 Park Row, "World" Building, Rooms 8 and 9, 9 A. M. to 4 P. M.

JAMES S. COLEMAN, Commissioner; JACOB SEABOLD, Deputy Commissioner; M. J. MORRISON, Chief Clerk.

CIVIL SERVICE ADVISORY AND EXAMINING BOARDS.

No. 23 East Twentieth street.

EVERETT P. WHEELER, Chairman of the Advisory Board; CHARLES H. WOODMAN, Secretary and Executive Officer.

BOARD OF ESTIMATE AND APPORTIONMENT.

Office of Clerk, Staats Zeitung Building, Room 5.

The Mayor, Chairman; CHARLES V. ADEE, Clerk.

BOARD OF ASSESSORS.

Office, City Hall, Room No. 11½, 9 A. M. to 4 P. M.

JOHN R. LYDECKER, Chairman; WM. H. JASPER, Secretary.

BOARD OF EXCISE.

Corner Bond street and Bowery, 9 A. M. to 4 P. M.

NICHOLAS HAUGHTON, President; JOHN K. PERLEY, Secretary and Chief Clerk.

SHERIFF'S OFFICE.

Nos. 3 and 4 New County Court-house, 9 A. M. to 4 P. M.

ALEXANDER V. DAVIDSON, Sheriff; JOEL O. STEVENS, Under Sheriff; DAVID MCGONIGAL, Order Arrest Clerk.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.

JOHN REILLY, Register; J. FAIRFAX McLAUGHLIN, Deputy Register.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

GEORGE CAULFIELD, Commissioner; JAMES E. CONNER, Deputy Commissioner.

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.

PATRICK KEENAN, County Clerk; H. S. BEATTIE, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.

Second floor, Brown-stone Building, City Hall Park, 9 A. M. to 4 P. M.

RANDOLPH B. MARTINE, District Attorney; JOHN M. COMAN, Chief Clerk.

THE CITY RECORD OFFICE.

And Bureau of Printing, Stationery, and Blank Books.

No. 2 City Hall, 8 A. M. to 5 P. M., except Saturdays, on which days 8 A. M. to 3 P. M.

THOMAS COSTIGAN, Supervisor; R. P. H. ABELL, Book-keeper.

CORONERS' OFFICE.

Nos. 13 and 15 Chatham street, 8 A. M. to 5 P. M. Sundays and holidays, 8 A. M. to 12.30 P. M.

PHILIP MERKLE, FERDINAND LEVY, BERNARD F. MARTIN and WILLIAM H. KENNEDY, Coroners; JOHN T. TOAL, Clerk of the Board of Coroners.

SUPREME COURT.

Second floor, New County Court-house, 10½ A. M. to 3 P. M.

General Term, Room No. 9.

Special Term, Room No. 10.

Chambers, Room No. 11.

Circuit, Part I., Room No. 12.

Circuit, Part II., Room No. 13.

Circuit, Part III., Room No. 14.

Judges' Private Chambers, Room No. 15.

NOAH DAVIS, Chief Justice; PATRICK KEENAN, Clerk.

SUPERIOR COURT.

Third floor, New County Court-house, 11 A. M.

General Term, Room No. 35.

Special Term, Room No. 33.

Chambers, Room No. 33, 10 A. M.

Part I., Room No. 34.

Part II., Room No. 35.

Part III., Room No. 36.

Judges' Private Chambers, Room No. 30.

Naturalization Bureau, Room No. 32.

Clerk's Office, Room No. 31, 9 A. M. to 4 P. M.

JOHN SEDGWICK, Chief Judge; THOMAS BOESE, Chief Clerk.

COURT OF COMMON PLEAS.

Third floor, New County Court-house, 11 A. M.

Assignment Bureau, Room No. 23, 9 A. M. to 4 P. M.

Clerk's Office, Room No. 22, 9 A. M. to 4 P. M.

General Term, Room No. 24, 11 o'clock A. M. to adjournment.

Special Term, Room No. 21, 11 o'clock A. M. to adjournment.

Chambers, Room No. 21, 10.30 o'clock A. M. to adjournment.

DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS,
STAATS ZEITUNG BUILDING,
NEW YORK.

IN COMPLIANCE WITH SECTION 817 OF THE City Consolidation Act of 1882, it is hereby advertised that the books of "The Annual Record of the Assessed Valuations of Real and Personal Estate" of the City and County of New York, for the year 1885, will be open for examination and correction from the second Monday of January, 1885, until the first day of May, 1885.

All persons believing themselves aggrieved must make application to the Commissioners of Taxes and Assessments, at this office, during the period said books are open, in order to obtain the relief provided by law.

Applications for correction of assessed valuations on person's estate must be made by the person assessed, to the said Commissioners, between the hours of 10 A. M. and 2 P. M. at this office during the same period.

THOMAS B. ASTEN,

EDWARD C. DONNELLY,

Commissioners of Taxes and Assessments.

JURORS.

NOTICE

IN RELATION TO JURORS FOR STATE COURTS.

OFFICE OF THE COMMISSIONER OF JURORS,
ROOM 127, STEWART BUILDING,
CHAMBERS STREET AND BROADWAY,
NEW YORK, JUNE 1, 1885.

APPLICATIONS FOR EXEMPTIONS WILL BE heard here, from 10 to 3 daily, from all persons hitherto liable or recently serving who have become exempt, and all needed information will be given.

Those who have not answered as to their liability, or proved permanent exemption, will receive a "jury enrollment notice," requiring them to appear before me this year. Whether liable or not, such notices must be answered (in person, if possible, and at this office only) under severe penalties. If exempt, the party must bring proof of exemption, if liable, he must also answer in person, giving full and correct name, residence, etc., etc. No attention paid to letters.

Persons "enrolled" as liable must serve when called or pay their fines. No more excuse will be allowed or interference permitted. The fines if unpaid will be entered as judgments upon the property of the delinquents.

All good citizens will aid the cause of justice, and secure reliable and respectable juries, and equalize their duty by serving promptly when summoned, allowing their clerks or subordinates to serve, reporting to me any attempt at bribery or evasion, and suggesting names for enrollment. Persons between sixty and seventy years of age, summer absentees, persons temporarily ill, and United States and District Court jurors are not exempt.

Every man must attend to his own notice. It is a misdemeanor to give any jury paper to another to answer. It is also punishable by fine or imprisonment to give or receive any present or bribe, directly or indirectly, in relation to jury service, or to withhold any paper or make any false statement, and every case will be fully prosecuted.

GEORGE CAULFIELD,
Commissioner of Jurors.

AQUEDUCT COMMISSION.

COMMISSIONERS OF APPRAISAL OF REAL ESTATE
TO BE TAKEN FOR THE NEW
AQUEDUCT WITHIN THE COUNTY OF NEW YORK.

EVERY OWNER OR PERSON IN ANY WAY interested in any real estate between the Harlem river and the northern boundary of the City and County of New York, intended to be taken or entered upon and used and occupied for the purposes of the new Aqueduct; also any owner or person interested in any real estate contiguous thereto, and which may be affected by the construction and maintenance of said aqueduct, or of any of the works connected therewith, is hereby required to present his claim to the Commissioners of Appraisal appraised for the purpose of appraising such lands and easements, or ascertaining such damages, at the offices of said Commissioners, Room 803, in the Mutual Life Insurance Building, No. 32 Nassau street, in the City of New York.

All said claims may be filed on and after the first day of October, 1884. The maps showing the location of the Aqueduct, and the lands and interests to be acquired will be on file at the said office on and after that date.

E. ELLERY ANDERSON,
HENRY F. SPAULDING,
ROBERT MURRAY,

DEPARTMENT OF PUBLIC PARKS.

DEPARTMENT OF PUBLIC PARKS,
36 UNION SQUARE,
NEW YORK, March 18, 1885.

BIDS OR ESTIMATES FOR EACH OF THE following works, to wit:

No. 1. For furnishing and delivering, where required, Broken Trap-rock Stone and Trap-rock Screenings, along certain roads, avenues and streets in the Twenty-third and Twenty-fourth Wards, in the City of New York.

No. 2. For furnishing and delivering Screened Road Hook Gravel where required on the Central Park and Riverside avenue, in the City of New York.

No. 3. For the Erection of a Wall on the easterly side of Eighth avenue, between Seventy-seventh and Eighty-first streets, City of New York.

—will be received by the Department of Public Parks until 10 o'clock A. M. on Wednesday, the first day of April, 1885.

Special notice is given that the works must be bid for separately, that is, two or more works must not be included in the same estimate or envelope.

The nature and extent of each of the several works, as near as it is possible to state them in advance, is as stated in the form of contract and specification.

As the above-mentioned quantities, though stated with as much accuracy as is possible in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become part of every estimate received:

1. Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the accuracy of the foregoing statement, and shall not at any time after the submission of an estimate dispute or complain of such statement nor assert that there was any misunderstanding in regard to the depth of the excavation to be made or the nature or amount of the work to be done.

2. Bidders will be required to complete the entire work to the satisfaction of the Department of Public Parks, and in substantial accordance with the specifications for the work and the plans therein referred to. No extra compensation beyond the amount payable for the several classes of work before enumerated, which shall be actually performed at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The person making any bid or estimate must furnish the same enclosed in a sealed envelope, to the head of said Department, at his office, on or before the day and hour above mentioned.

The envelope must be indorsed with the name or names of the person presenting the same, the date of its presentation, and a statement of the work to which it relates.

The estimates received will be publicly opened by the head of the said Department at the place and hour last above mentioned and read.

Each bid or

No bid or estimate will be considered unless accompanied by either a certified check upon one of the National Banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the BOND required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the lowest formal estimate be accepted by the Board of Public Charities and Correction, due notice of this fact will be given forthwith upon the receipt of the Comptroller's approval of the sureties, presented by the bidder as consenting to be bound for the faithful execution of this contract if awarded. Thereupon, if the Board shall not deem it for the best interests to reject all the proposals the contract for this aforesaid work shall be awarded to this lowest bidder, who shall execute the contract and bond of even date therewith in due form, to the satisfaction of said Board, within five days after the award aforesaid. If the party or parties to whom said contract is awarded neglect or refuse to execute the same as aforesaid, the said contract shall be regarded as having been abandoned, the party or parties notified as in default to the Corporation of the City of New York, and the work will be re-advertised as provided in section 64, chapter 410, Laws of 1882.

Bidders will write out the amount of their estimate in addition to inserting the same in figures. Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, as the Commissioners may determine.

Bidders are informed that no deviation from the specifications will be allowed, unless under the written instructions of the Commissioners of Public Charities and Correction, AND ARE PARTICULARLY CAUTIONED TO EXAMINE WITH CARE THE PROVISIONS OF ARTICLE 5 OF THE PRINTED CONTRACT FORM.

The form of the agreement, including specifications, and showing the manner of payment, can be obtained at the office of the Department.

Dated, New York, March 11, 1885.

THOMAS S. BRENNAN, President,
HENRY H. PORTER, Commissioner,
JACOB HESS, Commissioner,
Public Charities and Correction.

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK,
OFFICE OF THE PROPERTY CLERK, ROOM NO. 39,
NO. 300 MULBERRY STREET,
NEW YORK, 1884.

OWNERS WANTED BY THE PROPERTY
Clerk of the Police Department of the City of New York, No. 300 Mulberry street, Room No. 39, for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by patrolmen of this Department.

JOHN F. HARRIOT,
Property Clerk.

DEPARTMENT OF PUBLICWORKS.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
ROOM 6, NO. 31 CHAMBERS STREET,
NEW YORK, March 14, 1885.

PROPOSALS FOR COMPOSITION TAPPING-COCKS, PLUGS AND CAST-IRON TAPPING-COCK BOXES.

BIDS OR ESTIMATES, INCLOSED IN A SEALED
envelope, with the title of the work and the name of the bidder endorsed thereon, will be received at this office until Friday, March 27, 1885, at 12 o'clock M., at which place and hour they will be publicly opened by the head of the Department and read for the following:

FOR FURNISHING AND DELIVERING COMPOSITION TAPPING-COCKS, PLUGS AND CAST-IRON TAPPING-COCK BOXES.

Bidders for the above contracts must be regularly engaged in the business and well prepared for furnishing the materials they propose for; and no contract will be made with any bidder who is not prepared to furnish satisfactory evidence to that effect.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for his faithful performance; and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting; the amount to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

No estimate will be considered unless accompanied by either a certified check upon one of the national banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be enclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the Estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall neglect or refuse, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and be retained by the City of New York, as liquidated damages

for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at the office of the Chief Engineer of the Croton Aqueduct, Room 10, No. 31 Chambers street.

ROLLIN M. SQUIRE,
Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS,
COMMISSIONER'S OFFICE,
NO. 31 CHAMBERS STREET,
NEW YORK, Nov. 1, 1884.

PUBLIC NOTICE IS HEREBY GIVEN TO
property-owners of the City of New York that, by the New York City Consolidated Act of 1882, among other matters relating to Croton water rates and affecting all properties liable for Croton water charges, is embraced the following, in "Title 2, Duties and Powers of the Department of Public Works as to Procuring and Distributing Water":

§ 350. The Commissioner of Public Works shall, from time to time, establish scales of rents. * * * * *

Such rents shall be collected from the owners or occupants of all such buildings, respectively, which shall be situated upon lots adjoining any street or avenue in said city in which the distributing water-pipes are or may be laid, and from which they can be supplied with water, said rents shall become a charge and lien upon such houses and lots, respectively, as provided by law.

It becomes my duty to state that on and after the first day of April, 1885, all extra charges, such as steam-engines, bakeries, barbers, bathing-tubs, boarding-houses, boarding-schools, building purposes, horses, horse-troughs, hotels, porter-houses, taverns, etc., printing offices, stone cutting or dressing, slaughter-houses, dyeing, water-closets and urinals, laundries, restaurants, soda fountains, extra families, oyster and coffee saloons, water by meter measurement, meters and meter setting, and all other purposes for which the use of Croton water is chargeable according to law, are liens, and unless paid on or before the 30th day of April next must be returned to the Clerk of Arrears, with the amount due on each lot.

HUBERT O. THOMPSON,
Commissioner of Public Works.

CORPORATION NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN TO THE
owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 1809, No. 1. Paving Lexington avenue, from One Hundred and Fourth to One Hundred and Thirty-first street, with granite-block pavement.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—
No. 1. Both sides of Lexington avenue, from One Hundred and Fourth to One Hundred and Thirty-first street, and to the extent of half the block at the intersecting streets.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 20th day of April ensuing.

JOHN R. LYDECKER,
JOHN W. JACOBUS,
JOHN MULLALLY,
HENRY A. GUMBLETON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
NO. 11½ CITY HALL,
NEW YORK, March 17, 1885.

PUBLIC NOTICE IS HEREBY GIVEN TO THE
owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 1877, No. 1. Regulating, grading, setting curb-stones and flagging sidewalks four feet wide, in Ninth avenue, from the centre line of Eighty-first street to the south curb-line of One Hundred and Tenth street.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Ninth avenue, from Eighty-first to One Hundred and Tenth street, and to the extent of half the block at the intersecting streets.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 16th day of April ensuing.

JOHN R. LYDECKER,
JOHN W. JACOBUS,
JOHN MULLALLY,
HENRY A. GUMBLETON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
NO. 11½ CITY HALL,
NEW YORK, March 14, 1885.

PUBLIC NOTICE IS HEREBY GIVEN TO THE
owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 1793, No. 1. Sewer in Fourth avenue (east side), between Eighty-second and Eighty-third streets.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. East side of Fourth avenue, between Eighty-second and Eighty-third streets.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 13th day of April ensuing.

JOHN R. LYDECKER,
JOHN W. JACOBUS,
JOHN MULLALLY,
HENRY A. GUMBLETON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
NO. 11½ CITY HALL,
NEW YORK, March 11, 1885.

PUBLIC NOTICE IS HEREBY GIVEN TO THE
owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 1344, No. 1. Regulating, grading, setting curb, gutter stones and flagging on Lexington avenue, from One Hundred and Second street to Harlem river.

List 1629, No. 2. Drains for the lands bounded on the north by Fordham and Pelham avenues, on the south by the Kingsbridge road, on the east by the Southern Boulevard, and on the west by Arthur street, in the Twenty-fourth Ward.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Lexington avenue, from One Hundred and Second street to Harlem river, and to the extent of one-half the block at the intersecting streets.

No. 2. Quarry and Kingsbridge road on the south, College street, Fordham and Pelham avenues on the north, both sides of the Southern Boulevard on the east, and both sides of Arthur street on the west, in the Twenty-fourth Ward.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 13th day of April ensuing.

JOHN R. LYDECKER,
JOHN W. JACOBUS,
JOHN MULLALLY,
HENRY A. GUMBLETON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
NO. 11½ CITY HALL,
NEW YORK, March 10, 1885.

PUBLIC NOTICE IS HEREBY GIVEN TO THE
owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 1467, No. 1. Regulating, grading, curb and gutter stones, and flagging Tenth avenue, from One Hundred and Tenth to Manhattan street.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Tenth avenue, from One Hundred and Tenth to Manhattan street, and to the extent of one-half the block at the intersecting streets.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 9th day of April ensuing.

JOHN R. LYDECKER,
JOHN W. JACOBUS,
JOHN MULLALLY,
HENRY A. GUMBLETON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
NO. 11½ CITY HALL,
NEW YORK, March 7, 1885.

PUBLIC NOTICE IS HEREBY GIVEN TO THE
owner or owners, occupant or occupants of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors, for examination by all persons interested, viz.:

List 1987, No. 1. Regulating and paving with granite block pavement Fourth avenue, on the west side from One Hundred and Twenty-fourth to One Hundred and Thirty-third street and on the east side from One Hundred and Twenty-fourth to One Hundred and Thirty-second street.

List 2027, No. 2. Paving Fourth avenue, from One Hundred and Sixteenth to One Hundred and Twenty-fourth street with granite block pavement.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Fourth avenue, from One Hundred and Twenty-fourth to One Hundred and Thirty-third street and to the extent of half the block at the intersecting streets.

No. 2. Both sides of Fourth avenue, from One Hundred and Sixteenth to One Hundred and Twenty-fourth street and to the extent of half the block at the intersecting streets.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections in writing to the Board of Assessors, at their office, No. 11½ City Hall, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation, on the 30th day of March ensuing.

JOHN R. LYDECKER,
JOHN W. JACOBUS,
JOHN MULLALLY,
HENRY A. GUMBLETON,
Board of Assessors.

OFFICE OF THE BOARD OF ASSESSORS,
NO. 11½ CITY HALL,
NEW YORK, February 26, 1885.

THE CITY RECORD.

COPIES OF THE CITY RECORD CAN BE
obtained at No. 2 City Hall (northwest corner basement). Price three cents each.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED AT
the Hall of the Board of Education, corner of Grand and Elm streets, by the School Trustees of the Fourteenth Ward, until 4 o'clock P. M. on Monday, the 30th day of March, 1885, for Erecting Two Iron Stairways at Grammar School-house No. 30, on Baxter street, near Grand street.

Plans and specifications may be seen, and blanks for proposals and all necessary information may be obtained, at the office of the Superintendent of School Buildings, No. 146 Grand, corner of Elm street, third floor.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name, place of residence and place of business on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character or antecedent dealings with the Board of Education render their responsibility doubtful.

The Trustees reserve the right to reject any or all of the proposals submitted.

JOHN D. KINNER,
FRANKLIN SMITH, M. D.
HENRY IDEN, JR.,
JOHN O'NEILL,
Board of School Trustees, Fourteenth Ward.

Dated New York, March 16, 1885.

FINANCE DEPARTMENT.

INTEREST ON CITY STOCKS.

THE INTEREST ON THE BONDS AND STOCKS
of the City and County of New York, due May 1, 1885, will be paid on that day by the Comptroller, at his office in the Stewart Building, corner of Broadway and Chambers street.

The Transfer Books will be closed from March 28 to May 1, 1885.

EDWARD V. LOEW,
Comptroller.

FINANCE DEPARTMENT—COMPTROLLER'S OFFICE,
NEW YORK, March 23, 1885.

CITY OF NEW YORK,
FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE,
March 16, 1885.

NOTICE TO PROPERTY-OWNERS.

IN PURSUANCE OF SECTION 916 OF THE
"New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property affected by the following assessment lists, viz.:

Chatham street sewer, between New York and Brooklyn Bridge and Frankfort street, with alteration and improvement to sewer in Frankfort street, between Chatham and William streets.

Twentieth street sewer, between Fourth avenue and Irving place, from end of present sewer in Twentieth street, east of Irving place.

Eighty-second street sewer, between Eighth and Tenth avenues.

One Hundred and Fourth street sewer, between Eighth and Ninth avenues.

Fourth avenue paving, from One Hundred and Second to One Hundred and Sixteenth street, with granite-block pavement.

One Hundred and Thirty-sixth street regulating, grading, setting curb-stones and flagging, from Fifth to Eighth avenue.

One Hundred and Seventy-fifth street regulating and grading, between Tenth avenue and the Kingsbridge road.

Lincoln avenue crosswalks, from Southern Boulevard to One Hundred and Thirty-seventh street.

One Hundred and Fifty-eighth street crosswalks, at the intersections of Melrose, Courland, College and Railroad avenues.

—which were confirmed by the Board of Revision and Correction of Assessments, March 11, 1885, and entered on the same date in the Record of Titles of Assessments, kept in the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," that unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon as provided in section 917 of said "New York City Consolidation Act of 1882."

Section 917 of the said act provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect, and receive interest thereon at the rate of seven per centum per annum, to be calculated from the date of such entry to the date of payment."

The above assessment is payable to the Collector of Assessments and Clerk of Arrears, at the "Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents," between the hours of 9 A. M. and 2 P. M., and all payments made thereon, on or before May 20, 1885, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

EDWARD V. LOEW,
Comptroller.

NOTICE OF POSTPONEMENT OF SALE OF LANDS AND TENEMENTS FOR UNPAID TAXES AND CROTON WATER RENTS IN THE CITY OF NEW YORK.

PURSUANT TO SECTION 928 OF THE NEW
York City Consolidation Act of 1882, the Comptroller of the City of New York hereby gives PUBLIC NOTICE that the sale at public auction of lands and tenements in said City for unpaid taxes levied in the year 1880, and Croton Water Rents laid for the year 1879, and now remaining due and unpaid, which sale is advertised to be held at the County Court-house, in the City Hall Park, in the City of New York, on Monday, December 22, 1884, at 12 o'clock noon, has been and is hereby postponed by him until Monday, May 11, 1885, to be held on that day at the same hour and place.

A pamphlet containing a detailed statement of the property advertised for sale may be obtained at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.

EDWARD V. LOEW,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, Dec. 20, 1884.

NOTICE OF POSTPONEMENT OF SALE OF LANDS AND TENEMENTS FOR UNPAID ASSESSMENTS FOR LOCAL IMPROVEMENTS IN THE CITY OF NEW YORK.

PURSUANT TO SECTION 928 OF THE NEW
York City Consolidation Act of 1882, the Comptroller of the City of New York hereby gives PUBLIC NOTICE that the sale at public auction of lands and tenements in said City for unpaid assessments laid and confirmed during the year 1879 and prior thereto, for local improvements, which sale is advertised to be held at the County Court-house, in the City Hall Park, in the City of New York, on Monday, November 24, 1884, at 12 o'clock noon, has been and is hereby postponed by him until Monday, May 25, 1885, to be held on that day at the same hour and place.

A pamphlet containing a detailed statement of the property advertised for sale may be obtained at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.

S. HASTINGS GRANT,
Comptroller.

CITY OF NEW YORK—FINANCE DEPARTMENT,
COMPTROLLER'S OFFICE, Nov. 15, 1884.

REAL ESTATE RECORDS.

THE ATTENTION OF LAWYERS, REAL
Estate Owners, Monetary Institutions engaged in making loans upon real estate, and all who are interested in providing themselves with facilities for reducing the cost of examinations and searches, is invited to these Official Indices of Records, containing all recorded transfers of real estate in the City of New York from 1653 to 1887, prepared under the direction of the Commissioners of Records.

Grantors, grantees, suits in equity, insolvents' and Sheriff's sales, in 61 volumes, full bound, price, \$100 00
The same in 25 volumes, half bound, 50 00
Complete sets, folded, ready for binding, 15 00
Records of Judgments, 25 volumes, bound, 10 00
Orders should be addressed to "Mr. Stephen Angell Comptroller's Office, New County Court-house."

EDWARD V. LOEW,
Comptroller.