

*31—SW cor Sanson and Halleck.
 *32—SW cor California and Drumm.
 *34—SW cor Mission and Steuart.
 *35—SE cor Montgomery and Pino.
 *36—NW cor Folsom and Steuart.
 *37—NW cor Battery and Bush.
 *38—SE cor Market and Second.
 39—NW cor Howard and Spear.
 *41—NW cor Sutter and Jones.
 42—SE cor Geary and Mason.
 *43—H. and L. No. 1, O'Farrell nr Dupont.
 *45—SW cor O'Farrell and Jones.
 *46—SE cor Kearny and Sutter.
 *47—SW cor Market and Powell.
 *48—NE cor Market and Kearny.
 *49—NW cor Stockton and Sutter.
 *51—SW cor Folsom and Beale.
 *52—NW cor Mission and Fremont.
 53—NW cor Townsend and Third.
 *54—Engine No. 4, Second nr Howard.
 56—N s Bryant west of First.
 57—SW cor Brannan and Second.
 *58—NW cor Folsom and First.
 59—P. M. S. S. Co.'s Wharf, foot of First.
 61—SW cor Howard and Third.
 62—SE cor Mission and Fourth.
 63—NE cor Harrison and Fourth.
 64—SW cor Howard and Fifth.
 65—SE cor Mission and Sixth.
 67—NW cor Harrison and Hawthorne.
 68—NE cor Brannan and Fourth.
 69—SW cor Bryant and Third.
 71—NE cor Mission and Eleventh.
 72—SE cor Mission and Thirteenth.
 73—SE cor Howard and Eighth.
 74—Engine No. 7, Sixteenth nr Valencia.
 75—Market opposite Seventh.
 76—SW cor Market and Hayes.
 78—SW cor Folsom and Ninth.
 79—NE cor Folsom and Twelfth.
 81—SE cor Franklin and Hayes.
 82—NE cor Fulton and Gough.
 83—NE cor Octavia and Oak.
 84—Valencia and Market.
 85—NW cor Laguna and Hayes.
 *91—NE cor Hyde and Turk.
 92—NE cor Franklin and Turk.
 *93—NE cor Jones and Turk.
 94—SE cor Polk and Ellis.
 *95—Cor Taylor and Market.
 123—SE cor Hyde and Union.
 124—Pioneer Woolen Mills, Black Point.
 125—NW cor Filbert and Jones.
 126—SE cor Hyde and Washington.
 127—SE cor Broadway and Polk.
 128—SE cor Sacramento and Leavenworth.
 129—SE cor Pacific and Leavenworth.
 *132—SW cor Pine and Mason.
 134—NE cor Bush and Hyde.
 135—SW cor Bush and Polk.
 136—NE cor Post and Van Ness Avenue.
 137—NW cor Post and Larkin.
 138—NW cor California and Larkin.
 *139—SW cor O'Farrell and Hyde.
 142—NE cor Valencia and Twentieth.
 143—NE cor Mission and Twenty-second.
 145—NW cor Folsom and Twenty-second.
 146—SW cor Folsom and Sixteenth.
 147—NE cor Howard and Twentieth.
 148—NW cor Mission and Sixteenth.
 149—SW cor Folsom and Eighteenth.
 152—SW cor Brannan and Eighth.
 153—NW cor Harrison and Seventh.
 154—NW cor Bryant and Sixth.
 156—NE cor Fourth and Berry.
 157—S side Folsom, east of Fourth.
 158—S side Folsom, east of Fifth.
 159—Engine No. 6, Sixth nr Folsom.
 162—SE cor Pacific and Franklin.
 163—SE cor Sacramento and Franklin.
 164—SE cor Clay and Polk.
 172—NE cor McAllister and Buchanan.
 173—NW cor Ellis and Buchanan.
 174—NE cor Turk and Fillmore.
 192—NW cor California and Front.
 213—NE cor Bush and Buchanan.
 214—NE cor Bush and Steiner.
 215—cor Washington and Webster.
 216—cor Sacramento and Fillmore.
 217—SE cor Devisadero and Bush.

218—NW cor Post and Fillmore.

231—NE cor Howard and Twenty-fourth.

234—NW cor Harrison and Twenty-fourth.

235—City and County Hospital.

236—cor Mission and Twenty-sixth.

*Automatic boxes.

Directions for Key-holders.—Upon the discovery of a fire near your signal-box, turn the crank slowly and steadily about twenty-five or thirty times. Then wait a few moments, and if you hear no alarm on the large bells, turn as before. If you still hear no alarm, go to the next box and give the alarm from that. Never open the box or touch the crank except in case of fire. Never signal for a fire seen at a distance. Do not give an alarm for a burning chimney. Be sure your box is locked before leaving it. Upon a second alarm being struck for the same fire it will be considered a general alarm. Second alarms will be turned in only by order of the Chief Engineer or his Assistants.

Keys of the signal boxes are deposited in the vicinity of each box, at such places as are indicated upon cards placed thereon.

Boxes designated with a star are Automatic ones. An alarm from these is given by pulling down the hook once and letting go, unerring mechanism doing the rest.

Complaints concerning the working of the Fire Alarm Telegraph, irregular striking of the bells and gongs, broken wires, etc., should in all cases be made at the Fire Alarm office, Brenham Place.

In case of tumult or riot, whereby the services of the Police force are required, an alarm will be given consisting of ten strokes upon the bells and gongs, repeated five times, which will be a signal for the Police to assemble at the City Hall. This alarm will be given only by order of the Mayor or Chief of Police.

The telegraph apparatus consists of about one hundred and twenty miles of wire, divided into fourteen circuits, of which nine are signal circuits, or circuits running to the signal boxes. Alarm gongs are located in the different engine, hook and ladder, and hose houses, each connected with the central office by the five alarm circuits; and seven alarm bells for striking the number of the alarm box, located as follows: One on the Hall of the Exempt Fire Co., one on the engine house on Sixth Street, one on the engine house on Stockton Street, one on the engine house on Second Street, one on the engine house on California Street, one on the engine house on Sixteenth Street, and one on the engine house on Pacific Street. The bells and gongs are each struck at the same time by electrical machinery. The police and health apparatus consists of thirteen stations, each communicating with the central office, Brenham Place, where a constant watchfulness is exercised by the attending operator.

Fire Department.*

The Paid Fire Department of the City and County of San Francisco was organized December 3, 1853.

The present force consists of two hundred and seven officers and men (including the Board of Engineers, the Clerk of the Board, and six employees at the Corporation Yard), ten steamers, to each of which is attached a hose reel, five hose carriages, and two hook and ladder trucks. Each steamer and hook and ladder truck is drawn by two horses, and the hose carriages by one each. Number of horses in the department, forty-five. Amount of hose in use, twenty-six thousand feet, all of which is carbolized, recently purchased for the Department. Number of hydrants, eight hundred and eighty-one; number of cisterns, fifty-nine; total capacity, two million five hundred and three thousand six hundred and ninety-seven gallons.

Annual Expenses.—Salaries, \$127,417. Hose, pipe, etc., \$24,708.31. Running expenses, \$24,394.06. Office rent and stationery, \$12,847.31. Cisterns and hydrants, \$13,514. Total, \$201,555.18.

Officers.—William Ford (Pres.); Gordon E. Sloss, C. B. Edwards, Edward Flaherty, and J. L. King, Commissioners; John P. Shine, Clerk; David Scan-

* For Act of the Legislature organizing a Paid Fire Department for San Francisco, and salaries of the officers and men attached thereto, see pages 841-847.

AETNA INSURANCE COMPANY, OF HARTFORD, was established in 1819, and is the largest Fire Insurance Company in the country.