

street near Davis. Number of men employed, 10 to 15.

Sutter Iron Works.—These works were established on the corner of Polson and Beale streets, January, 1850, by George K. Ghayas, in connection with the International Navigation Company known as the Aspinwall Company. The buildings were not fully completed until September, of the same year, when the works were in full operation and did a very large business. Prior to September, the work that was transacted by this establishment, was, to a great extent, performed in the open air. These works have recently been removed to E s First, bet. Market and Mission. Number of hands employed, 30.

In addition to the foundries above enumerated, there are numerous smaller establishments engaged in the working of iron, affording employment to a large number of persons.

BOILER WORKS.

The Boiler Works of Messrs. Coffey & Risdon are engaged in an extensive and increasing business, employing a large number of hands, involving a heavy outlay for labor and materials; amount the past year, \$100,000. The number of men employed, about 40.

San Francisco Steam Engine and Machine Works.—Devoc & Co. proprietors; south-west corner Market and Fremont. A large number of steam engines are annually manufactured at these works; also, light machinery of every description. Number of men employed, from 10 to 20.

Eureka Works.—William McKibbin, proprietor; Pine between Sansome and Montgomery. This establishment manufactures iron stairs, shutters, railings and house-work of every description. The celebrated Eureka Key and Clamp Bridge is also manufactured by Mr. McKibbin. Number of men employed, 10.

Phoenix Works.—Kittredge & Fraser, proprietors; Battery near Pacific. These works annually manufacture large quantities of fire-proof doors, shutters, gratings and house-work generally. Number of men employed, from 15 to 20.

Pracy's Machine Works.—Market near Second. Employed in the manufacture of steam engines, quartz and grist mill machinery, printing presses, and machinery in general. Number of men employed, from 10 to 20.

There are numerous other establishments engaged in the working of metals, viz: blacksmith

shops, 50; brass foundries, 6; carriage and wagon smiths, 25; tinsmiths, 65; coppersmiths, 12—exclusive of those employed in the precious metals.

CALIFORNIA METALLURGICAL WORKS.

The California Metallurgical Works are located at the corner of Harris and Brannan. They are both extensive and admirably adapted for the assaying of different descriptions of ore, and especially for the extraction of gold from the tailings of quartz mills. During the first fifteen months that these works were in operation, but one furnace was used; during the succeeding three months, two were employed. The aggregate amount of gold extracted from quartz tailings and ores, during this period, is \$150,000. The whole of this sum may be considered clear gain, and, as two-thirds, or \$100,000, were paid to the owners of quartz leads, who have invested their money, as a general thing, in this State, the item becomes of considerable importance. About \$50,000 have been taken from sweepings, polishings, cinders, from assay offices, etc.; and of this amount two-thirds, or \$33,333, have been paid to the parties from whom the material was obtained. The entire cost of these works is \$150,000, and they furnish employment to 16 persons. The agents are Messrs. Uzuay & Co.

In addition to the Eureka Refinery and the Metallurgical Works, there are six other establishments for the refining and assaying of gold, silver, etc. The offices of Alsop & Co. and Duncan, Sherman & Co., S. Mollitor & Co., G. W. Bell, Henry Hentsch, and Kellogg, Hewston & Co., are very extensive, and capable of transacting a large amount of business.

REFINING OF GOLD AND SILVER.

The Gold and Silver Refinery is located on Brannan near Harris. The refinery, a substantial brick structure, is one story in height, and 60 feet in width by 130 in length, together with the various implements in use, represent a permanently invested capital of about \$60,000. Employment is furnished to an average of from 25 to 30 persons. Operations were commenced at the refinery on the 14th of March, 1858; Duncan, Sherman & Co. and Alsop & Co., proprietors.

OPHIR METALLURGICAL WORKS.

Among the many industrial enterprises which have been inaugurated in our midst during the past year, there are none which promise more important result