

attained large proportions in this city. The great mineral wealth of California in its early stages of development caused a demand for specimen rings and other common varieties of jewelry, which demand increasing, from the continued prosperity of our people and their State pride, soon stimulated manufacturing to a degree of perfection not surpassed in any city in the Union. Among other articles manufactured was a gold service made by J. W. Tucker, in 1854, which was presented to Cornelius K. Garrison on the occasion of his retirement from the mayoralty of this city. The set consisted of fifty pieces in all, and cost over \$50,000 to manufacture, it being the most beautiful and costly set of plate ever manufactured in the United States. The principal manufacturing jewelers in this city are Messrs. J. W. Tucker & Co., Shreve & Co., Braverman & Levy and Barrett & Sherwood, who also have at various times manufactured considerable quantities of silver ware of unexceptional beauty of design, intrinsic value and perfect workmanship. The most extensive manufactories of silver ware in this city are those of Messrs. R. B. Gray & Co., Vanderslice & Co., and F. R. Reichel, who produce largely; their manufactures being highly esteemed, and from their increasing volume gradually driving out importations from this market. Messrs. Vanderslice & Co. made a very large, beautiful and valuable display of their manufactures at the late Mechanics' Fair, which for merit was awarded the gold medal in its class or department.

**TYPE.**—There are two foundries engaged in the manufacture of type in this city—Messrs. Faulkner & Son and J. B. Painter & Co. Though in operation but little more than a year, the foundry of Messrs. Faulkner & Son has already made almost all varieties of type used in general book and newspaper printing. Foreman's patent improved type machine, invented by A. Foreman of this city, is used at this establishment, for which is claimed many advantages over other machines now in use in the Atlantic States and Europe. Mr. Foreman for this invention was awarded a silver medal at the Mechanics' Fair. The foundry of Messrs. Painter & Co. has been in operation but a few months, but in that short time has given the best evidence of its capacity to compete successfully with the most celebrated establishments at the East.

**STOVES, JAPANNED AND TINWARE.**—The manufactories of stoves and grates in this city are those of Messrs. Tay, Brooks & Backus, John G. IIs and A. C. Taylor. The stoves made by these firms are of good workmanship and are fitted for the peculiar wants of our people. Messrs. Tay, Brooks & Backus make what is known as the monitor stove, which is suited for restaurant and steamboat purposes, while the other parties mentioned manufacture stoves for family use. The exhibit of stoves made by A. C. Taylor at the Mechanics' Fair in this city was most excellent and attracted great attention. Messrs. Tay, Brooks & Backus are the only manufacturers of Japanned and planish ware in this city, their establishment being very large and complete, and is claimed by them to be the third largest of its kind in the Union.

**BROOMS AND WOODEN WARE.**—The broom manufactories in San Francisco not only supply the local demand but also considerable quantities for export to the Islands of the Pacific and contiguous foreign countries. The broom-corn raised in California is considered the best in the United States, and at times large quantities of it have been shipped to the New York market, where it is held in high favor; about 25,000 dozen brooms are made yearly in this city, of which large amounts are shipped to the interior. Among the principal manufactories is that of Messrs. Palmer, Gillespie & Co., on Davis Street, near California. The only manufactories of wooden ware on

the Pacific Coast are those located in San Francisco, and owned respectively by Messrs. Elam & Howes and Armes & Dallam, who supply the whole domestic demand as well as furnishing considerable quantities to foreign countries. These firms also manufacture syrup and powder kegs in vast quantities, the powder works in the State being supplied by them. During June 1868 the manufactory of Armes & Dallam was destroyed by fire, but have since been rebuilt. Messrs. Elam & Howes made a very fine exhibit of all kinds of wooden ware at the Mechanics' and State Fairs this year. This firm was awarded the gold medal at the former for the merit of their manufactures, which were considered the most valuable in their particular class.

**BOX MANUFACTORIES.**—The manufacture of boxes of all kinds required for packing purposes in this city has attained vast dimensions. This branch of trade gives employment to several hundred men, and fully half the lumber re-sawn in this city is used in box making. The largest box manufactory is that of Hobbs, Gilmore & Co., who supply fully three-fourths of the local demand. L. Racouillat and John S. Gibbs also manufacture largely, while F. Korbel and Abraham Waldstein are manufacturers of cigar boxes.

**PETROLEUM REFINERIES.**—There are two petroleum refineries in this city, viz : Hayward, Coleman & Co's, at Steamboat Point and Stanford Bros' at North Point. Both of these establishments are of large manufacturing capacity but have been unemployed during the entire year past, importations of refined oil from the Atlantic States having glutted the market at low prices.

**LINSEED AND CASTOR OILS AND PAINTS.**—The only mills for the manufacture of linseed and castor oils and paints are those of the Pacific Linseed Oil and Lead Co., located on King Street near Third. These mills are of very large manufacturing capacity and the oils produced enjoy a high reputation in this market. When constantly employed the works will be able to meet the entire wants of the Coast for oils and also furnish a large supply of lead and zinc paints. The great difficulty heretofore has been the difficulty of procuring stock, the larger part of the linseed and castor beans having to be imported. During the last year, however, the domestic product has largely increased and it now looks probable that in three or four years time enough linseed and castor beans will be raised in the State to meet the wants of the trade. The oils exhibited by this Company were awarded the gold medal in their class at the late Mechanics' Fair.

**BILLIARD TABLES.**—There are only two billiard table manufactories in this city, both of them producing work which enjoys high reputation. With exceptions of the cushions and stone beds all portions of billiard tables are made at our manufactories. The tables of Messrs. Strable & Hughes are supplied with Phelan's patent cushions, while those of P. Liesenfeld are of Kavanagh & Decker's invention. During the past few years large quantities of Oregon maple and California laurel have been used in the manufacture of billiard tables to the exclusion of imported woods. The exhibit at the late Mechanics' Fair by both the above named firms were highly meritorious, the tables of P. Liesenfeld being awarded a silver medal.

**SOAP AND CANDLES.**—The local manufactories of soap have now almost entirely driven importations from our market. The soap made in this city enjoys a very high reputation and supplies in large part the demand from the interior of this State and Nevada. The principal works are those of J. H. C. Portmann, Lucy & Hynes, J. J. Bergin, Eureka Soap Co., Challenge Soap Co., Standard Soap Co., J. P. Dyer, John Fay, C. Peterson, and Smith, Lucy & Co.,