

exported during the past year. Messrs. Tenthorey, Mermond & Co. are also extensively engaged in their manufacture.

YEAST POWDERS.—The consumption of this article by miners and other persons in the interior and at a distance from large towns has always been very large. In the early days of gold digging yeast powder was in almost universal use, and immense quantities were imported from the Atlantic States to supply the demand. Efforts were made, for a long time, to produce a domestic article to meet the requirements of trade, Donnelly & Co. of this city being the successful parties; their manufacture now brings higher prices than the best brands imported. This firm during the last year manufactured 3,000 gross of yeast powders, and packed 50,000 pounds of saleratus and the same quantity of bicarbonate of soda with 400 cases cream tartar, containing about three hundred pounds to the case, the latter being imported in crystals.

MUSTARD.—The manufacture of ground mustard has been carried on to a considerable extent in San Francisco since 1852. At first the seed was imported, but in a very few years, the supply of golden mustard for domestic consumption was grown in the State and proved to be of superior quality. Later it was discovered that the native black or California mustard, which was indigenous in various portions of the State, possessed extraordinary strength and pungency, making an article, when ground, that was considered by physicians unequaled for medicinal uses and preferable to the yellow or golden variety. A demand was thus created which made it profitable for farmers whose grain lands were overrun with mustard to collect the seed for sale, it bringing from two to four cents per pound, for exportation. The native mustard also grew into favor for table use, and its manufacture for that purpose is now of an extensive nature. California mustard is now known favorably in most of the prominent markets of the Eastern States, many thousands of sacks being shipped to New York annually.

GOLD AND SILVER WARE AND JEWELRY.—The manufacture of the precious metals into ornaments and articles for family use commenced early in this city. At first the demand was mainly confined to the making of ornaments of the various gold specimens found of peculiar shapes, and heavy rings, and cane heads. With the increase of families, new branches of manufactures were required, until at the present time every article desired in the line of gold and silver ware and jewelry can be made in this city, in elegance of style and workmanship equal to any other city of the same population. The cosmopolitan character of our people has caused large quantities of California made jewelry and gold and silver ware to be sent as presents abroad, so that the invention and skill of our artisans have been largely drawn on to meet the requirements of the demand. From this cause our manufactures are known in almost all the cities of the civilized world, and enjoy a deservedly high reputation. 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. A great variety of sets silver ware have been manufactured at various times by Messrs. J. W. Tucker & Co., Shreve & Co., Braverman & Levy, and Barrett & Sherwood, of this city, which for intrinsic value of material, beauty of design and workmanship have no superiors elsewhere. The extensive manufactories of R. B. Gray & Co., Vanderslice & Co., and F. R. Reichel produce a large amount of silver ware annually and afford employment in the aggregate

to about 75 men. A considerable amount of diamond setting is also done by the San Francisco jewelers and lapidaries, the latter having also made California famous by their manufacture of gold and silver quartz jewelry, which is original, and a specialty of this State.

STOVES, JAPANNED AND TINWARE.—The manufacture of stoves in this State is confined to the firms of Messrs. Tay, Brooks & Backus, and J. G. Iis, both of this city. The first named make the Monitor Cooking Stove, which is in considerable use and favorably regarded. They are also the only manufacturers of copper circulating boilers, in which they have been so successful as to seriously affect importations. They are also the sole manufacturers of crystalized and japanned ware on the Pacific coast, their establishment being reported as the third in extent in the United States. Other branches of metal manufactures are also conducted by them, such as stamping of pans, kettle ears, machinists' washers, etc., some of which they tin for use. A new branch of business lately undertaken by them is the manufacture of all kinds of plumbers' brass work, and when the manufacture of copper is successfully undertaken, the firm contemplate the manufacture of copper kettle bottoms, and rivets, and washers. In the manufacture of tin ware, the numerous tinsmiths in the city supply not only the entire trade of the city, but a large portion of the demand from the interior. During the last ten years the local tinsmiths have completely driven all importations of manufactured goods from this market, all furniture sold with Eastern stoves being made by workmen in the State.

BROOMS AND WOODEN WARE.—There are ten broom manufactories in San Francisco, the sales of the most of the number being made through two business houses, who are also largely engaged in the manufacture of wooden ware. The material used in broom making, with the exception of twine and wire, are produced in the State. In the article of broom corn the domestic production is said to be unsurpassed in any portion of the Union, considerable quantities on different occasions having been shipped to New York, where it was highly spoken of, and brought a profitable return to the shipper. During the year 1866 two firms in this city, who sold the great majority of the brooms made, report sales of 10,080 dozen and 7,500 dozen brooms, or 17,580 dozen in all, which was probably fully three-fourths of the local manufacture. The manufacture of wooden ware is confined to the two firms of Elam & Howes and Armes & Dallam, of this city, who make almost every variety of article in the line used. The domestic made articles are of excellent quality, and at the present time, from their competition in price, have entirely monopolized the market to the exclusion of Eastern shippers. The aggregate manufactures of the firms above mentioned during the year 1866 were 6,057 doz. pails, 7,634 nests (four each) tubs, 3,582 dozen zinc washboards, 459 dozen barrel covers, 412 dozen peach baskets, 161 dozen sieves, and 60,000 powder kegs, besides a great variety of other articles, too numerous to mention, the whole giving steady employment to 86 men.

BOX MANUFACTORIES.—The manufacture of boxes for various purposes, owing to the scarcity of suitable woods for making barrels, kegs, etc., has attained to a very great extent. The comparatively small use of baskets to contain fruit and vegetables, etc., as compared with other cities, and the great amount of wine, etc., cased, give a demand for boxes not equaled in any other city in the Union of the same population. The larger portion of the lumber used in ordinary boxes comes from Humboldt Bay, although red wood and Puget Sound lumber is used to a considerable extent. The great increase in the manufacture of cigars in this city has also stimulated