Associations-Protective, Literary, Etc.

For a description of the different associations, the For a description of the different associations, the reader is referred to the Appendix, pages S71-881, in which will be found the officers and operations of each during the past year. The progress made by many of these associations reflects credit upon the members thereof, and is worthy of the liberality so generously extended in their support.

Manufactures.

The earth supplies and man uses, and as he uses the products a bounteous nature offers, does he rank the products a bounteous nature offers, does he rank above his fellows in comfort, wealth and enlightenment. Agriculture and mining are the first occupations of mankind advancing from barbarism, and manufactures and commerce lead to the highest civilization. The unparalleled wealth with which the soil and rocks of California abound, assures a manufacturing supremacy of the same degree. The products of a limited and but partly developed section of our State now demand the energies of our merchants and the full capacity of our inland transportation to market, while a continuous stream of mammoth ships bear them away to the consumers in a foreign land. The chief exports are in raw material, grain, wool. bear them away to the consumers in a toreign land. The chief exports are in raw material, grain, wool, metal, lumber, while manufactured goods constitute the imports. That such should be the cass is because of the youth of our State, and her abounding wealth in soil, forest and mines. The great success of estabin son, torest and mines. The great saccess of escap-lished manufactures leads to the establishing of others, and the grand opportunities offered, give as-surance that at no distant day the manufactures of California will exceed those of other sections, as now do her products of raw material. The coal and iron do her products of raw material. The coal and iron of England, in the hands of intelligent enterprise, have made that little kingdom the richest of the nave made that fittle kingdom the renest of the earth, and the same forees are building at Philadel-phia the second city in America. The manufactures of San Francisco will not want for these essential minerals, for the country of the Pacific Coast can sup-ply them in abundance. Cotton and sijk will soon be added to our staple products, giving them the material for the most extended system of manufactures. The precipitous mountain ranges three delivers

rial for the most extended system of manufactures. The precipitous mountain ranges, threaded with streams from the overlasting snows, furnish the finest water-power mill sites in the world, and to an extent and capacity exceeding any State in the Union. But these are not of San Francisco, to which the present notice chiefly relates. The power to drive machinery must be derived from steam, and for this the coal from the many mines of our northern coast is available, and, though rather costly at present, it is probable that in a short time it will be furnished as cheaply as the coal supplied to the manufactories of the East. With this grand desideratum accomplished, the manufactures of this city will advance of the East. With this grand desideratum accom-plished, the manufactures of this city will advance without obstacle to the full rank of their capacity. The cheapness of food, the mild climate, the advant-ages of commerce, and the abundant and varied sup-ply of material, all peculiarly favor the industrious artisan and invite the investment of capital. With enlightened enterprise this city and State may take the load in manufactures, and, instead of seeking.

Already this branch of industry has attained high rank and is progressing rapidly in importance. The simple works of the shop, as the shoemaker, tailor, blacksmith, etc., were the first to be established, but these do not resound in the world as the great found-

blacksmith, etc., were the his to be excludingled, but these do not resound in the sworld as the great foundate, woolen milk, actories and the like dustrial interests of San Francisco. The destructive operations of the miner have created a demand for ion fabrics, and called into existence the extensive system of foundries, the principal of which are the Union, Miners', Fulton, Valean, Etna, Pacific, Golden State, Pheenix, Pioneer, Portland, California, Euroka, Occidental, Columbia, Risdon Boiler Works and the Pacific Rolling Mill Company.

These establishments are large and complete, possessing all the requisite appliances for the production and the production of the control of the production of the production of the control of the production of the producti

have been added to the list of our customers in this line of trade, and although their demands as yet are comparatively small, there is reason to hope that they will achieve signal proportions at no distant date. The onward strides recently made by Japan necessitates the use of improved machinery and agricultural implements, while the geographical posi-tion and superior facilities possessed by San Francisco, point to her as being the natural market of supplies.

It has become proverbial that machinery of nearly all kinds—especially for mining purposes, agricultu-ral implements and mechanics' tools—are made in San Francisco of a better quality and more service-able character than anywhere else in the Union. A able character than anywhere else in the Union. A knowledge of this important fact, as ascertained by actual use and comparison, is driving foreign and Eastern fabrics of this kind from all our domestic markets, as well as those of distant interior points such as Utah, Idaho, Montana, Arizona and even New Mexico. Fanning machines, corn shellers, and off san Francisco manufacture, are now frequently seen among the Pimo, Maricopa and Papago Indians, to whom they prove invaluable assistants.

Of notable impertance are the Selby Silver and

Of notable importance are the Selby Silver and Lead Smelting and Reduction Works, covering a vast expanse and fitted with every appliance for conducting these operations on a grand scale. They are the expanse and meta with every appliance for condec-ing these operations on a grand scale. They are the most extensive and complete in the Union, and are susceptible of being greatly enlarged. This estab-lishment is most advantageously located at the very lishment is most advantageously located at the very edge of deep water, where the heaviest ships can load with facility and dispatch. The works are now capable of consuming one thousand two hundred tons of lead and silver ore per month, for refining, and one thousand tons per month for smelting and reduction. On several occasions one thousand tons of pie lead per month have been landed in New York, and a vertical constant of the several occasions one thousand tons of pie lead per month have been landed in New York, and a vertical constant of the several constant of the several constant of the land of the several constant o or and domestic consumption. The superiority of our lead is now universally admitted, while the quality of the sheet lead, lead pipe and shet turned out at the Shot Tower-which is an auxiliary to the Smelting and Refining Works—is not equaled by the like fabrics of other places. Two sets of hands are employed, night and day, and number collectively over one hundred and thirty men, many of them having families which are comfortably and independentity, and addition to the lead obtained from the ores by these works, large quantities of gold and silver ore are also extracted.

Our wooden fabrics are diversified and important.

ur wooden fabrics are diversified and important, Our wooden tabries are diversined and important, although for some of the materials employed we are dependent upon Eastern supplies. This is especially the case in the manufacture of wazons, buggies, carriages, and other articles requiring the use of hick-ory, white oak and walnut. We are fairly furnished with saw-mills; such, door and blind factories; cooperages furnishes manufacturers; billigad table conerages; furniture manufacturers; billiard-table coneriges; furniture manufacturers, binder-table estructors; pinno makers; wooden ware and broom manufacturers; boat builders and other similar concerns, numbering one hundred and twenty-two, turnout an aggregate annual value of millions of

dollars of perfected articles.

A. S. Hallidie is proprietor of the only wire and rope works on the coast. The establishment went A. S. Hallidie is proprietor of the only wire and rope works on the coast. The establishment went into operation in 1857, and has met with a large measure of success, the demand being somewhat ungent and steady. This gentleman has recently invented a cheap and ready mode for the conveyance of ores to mill, by means of buckets or cars suspended on wire ropes, which traverse mountainous ridges inaccessible to ordinary modes of transportation. The works are capable of supplying from twelve hundred to forteen hundred toos of wire rope per an-

The works are capable of supplying from twelve fluided to fourteen hundred to so there rope per annum, besides manufacturing largely in the way of sereens, sieves, wire cloth, cables for suspension bridges, and other like articles. The Woolen Mils of San Francisco have carned a world-wide celebrity for the admitted specifority of which they would be supplyed to the world-wide celebrity for the admitted specifority of which they operations have reached. In 1858 to Pioner Woolen Mils were creeted at Black Point, but did not zo into active operation until the very but did not go into active operation until the year subsequent. Its productive power admits of the annual consumption of three million pounds of wool,