

designed as the Western Division of the Pacific Railroad. Considerable work has been done on the line between San José and Stockton, and the surveys between the latter point and Sacramento have been completed, preparatory to the resumption of operations.

In addition to the above, the following are in successful operation, viz: The Placerville and Sacramento Valley, extends from Folsom to Shingle Springs, a distance of twenty-six miles; the California Central, from Folsom to Lincoln, twenty-one miles; the Yuba, from Lincoln to Marysville (sixteen miles completed); the Northern Californian, from Marysville to Oroville, twenty-six miles; the Copperopolis, from Stockton to Copperopolis, thirty-five miles; the San Francisco and Alameda, from the Encinal to Haywood, fourteen miles; the Napa Valley, from Suscol to Napa, four miles; the Oakland, from Oakland Point to Clinton, four miles; the Petaluma, from Kinsell's Landing to Petaluma, three miles.

**THE SOUTHERN PACIFIC RAILROAD.**—That sooner or later a railroad will be completed over the route indicated by nature through the southern portion of California, through some of the favorable passes devoid of snows in that region, to some point on the Atlantic side, is a foregone conclusion. A company was organized in this city more than a year since for the purpose of constructing a railroad from San José to a point on the Colorado River, to connect with the Southern Railroad from Missouri, through New Mexico and Arizona. From the efforts made by parties on the other side of the continent, aided by the Government, to co-operate with this movement, its commencement will not be long delayed.

**OTHER RAILROAD ENTERPRISES.**—From recent indications, the long talked of railroad connecting Northern California with Portland, Oregon, will soon prove a reality. The General Government having donated six thousand four hundred acres of the public lands for each mile of the road, and the Legislature of Oregon having passed an act giving interest on the company's bonds, amounting to \$1,000,000, at the rate of seven per cent. per annum, is a sufficient encouragement to enter upon the work at once. There is also a strong prospect of the work being resumed on the railroad between Vallejo and Marysville. A similar enterprise being also in contemplation between Benicia and Sacramento.

#### TELEGRAPHS.

The State Telegraph ramifies throughout every portion of the limits of California, and connects with the most important points in the adjoining States and Territories, and forms a portion of the overland communication between the Atlantic and Pacific sections. The Russo-American Telegraph, now in the progress of construction, will form another important link in the great telegraphic chain that will soon encircle the world. An association was organized in New York in April, 1866, under the title of the National Telegraph Company, for the purpose of constructing an additional line of telegraph across the continent, which, considering the high tariff of charges existing at present, would prove of great public benefit. A bill has been passed by Congress to aid in the construction of telegraph lines, and to secure to the Government the use of the same for postal, military, and other purposes. It grants to this company the right to construct and maintain telegraph lines throughout the States and Territories, with the privilege of using timber and materials required found on the public domain. A published notice of this company signifies the intention of immediately entering upon the work. There are 5,500 miles of telegraph in operation in the States of California, Oregon, Nevada, the territories of Washington and Idaho, and the colony of British Columbia.

#### SHIP BUILDING.

The facilities afforded at the Port of San Francisco for conducting this important branch of business being ample, there is a large amount of ship building done at various points around the Bay, from the Potrero to Black Point. During the year 1866, owing to the demands made for vessels in fitting out the fleet engaged in the Cod Fishery in the Ochotsk Sea and other northern waters, an unusual degree of activity prevailed in this department. The following list of the various kinds of craft built here during that time will give some idea of the extent and character of the business: Passenger Steamers, from 300 to 1600 tons, three; Stern-wheel Steamboats, five; Steam Propellers and Tugs, three; Schooners, fifteen; Sloops, three; Barges, four.

The extensive Government Dry-Docks, belonging to the Navy Yard at Mars Island, have hitherto been used in repairing vessels of the largest size, many first-class ships of foreign nations having been allowed their use for this purpose. There is in the course of erection at Hunter's Point a Dry Dock, with a capacity sufficient to accommodate vessels of 4,000 tons, which will be completed in the course of the present year; and arrangements are being made for constructing a floating dock of similar extent at a point on the Bay bounded by Beale, First, Bryant and Brannan streets.

#### MINERAL SPRINGS.

There are a large number of Mineral Springs of varied character and of diversified medical efficiency to be found interspersed throughout different portions of the State, both in the valleys and mountains. The water from the Napa Soda Springs is of so superior a character as to have almost entirely monopolized the market. Soda Springs also exist at New Almaden, on Russian River, and various other localities. The different varieties of the sulphur and chalybeate springs also abound; and hot springs, some of which impregnated with sulphur are specifics in chronic rheumatism and other diseases of a kindred character. The Geysers, situated at the head of Napa Valley, sixty miles from Napa City, are among the greatest natural curiosities of the State, and are quite a resort for invalids. Callistoga Springs, located in Napa Valley, upon which a large sum has been expended, is one of the most fashionable summer resorts in the State. The white Sulphur Springs, in Napa Valley, are also one of the most popular watering places of this region. The Warm Springs, situated in a beautiful locality between the Mission and Town of San José, owing to their medicinal virtues and eligible location, are much frequented by invalids and pleasure seekers. The Hot Springs of San Luis Obispo are said to possess remarkable virtues, but owing to their distance are difficult of access.

#### UNION BUSINESS COLLEGE.

A new and important institution with the above name has been recently established at 408 California street, San Francisco, under the charge of Mr. James Vinsonhaler. Extensive and commodious accommodations have been provided, and every effort will be made by its conductors to insure its success. For the purposes and objects of the College, see page cixxxvii.