

## NEWS OF THE WORKS.

### Iron and Steel.

The Portland Iron & Steel Company denies that its mills at Portland, Maine, have been closed for an indefinite period. The company expects to resume operations within the next week or two.

The receiver of the Passaic Steel Company, Paterson, N. J., will sell the plant at auction April 9.

No. 1 furnace of the Alabama Consolidated Coal & Iron Company at Gadsden, Ala., has been put in operation after having been banked March 1.

One of the Sloss-Sheffield Steel & Iron Company's furnaces at Sheffield, Ala., was banked February 22.

Extensive improvements are being made in the plant of the American Rolling Mill Company, Middletown, Ohio, calculated to enlarge the facilities of the galvanizing department. An electric crane will be installed.

### General Machinery.

The Wyoming Machine & Foundry Company, Cheyenne, Wyo., is starting a small machine shop business and foundry in the old foundry plant at 2112 Bent street.

The American Steel Dredge Company has been incorporated at Ft. Wayne, Ind., with \$200,000 capital stock, to manufacture dredging machinery. The incorporators are John D. Rauch, John C. F. Sprankle, Perry G. Randall and others.

The machine shops of the Stevenson Iron Mining Company, near Hibbing, Minn., were recently destroyed by fire, the loss aggregating \$25,000. In addition to the loss of shop equipment, one 65-ton standard gauge locomotive was seriously damaged. What new machines will be required is not yet definitely known.

J. Alan Middleton, proprietor of the Frankford Machine Works, Frankford, Philadelphia, Pa., has taken over the Frankford foundry and hereafter the business will be conducted under the name of the Frankford Foundry & Machine Works. In addition to the manufacture of heavy and light shears, forge and punch presses, shovel machinery, edge tool machinery and all kinds of special machinery, the firm is now in a position to do a general jobbing foundry business. Louis T. Turner is manager.

The Brummett Coal Company, Tulsa, Okla., is in the market for mining machinery, including a 100 hp. engine, air compressor to drive four or five drills, &c.

The W. P. Taylor Company, Buffalo, N. Y., is building a two-story brick machine shop addition to its foundry and iron works at Howard, Louis and Holt streets. Not much additional machinery will be required, as machinery will be moved from the present machine shop to afford space required for chipping and finishing room.

The Puget Sound Iron & Steel Works, Tacoma, Wash., has sold the property on which its plant is located to the Northern Pacific Railroad, for which it received \$20,000 and 11 acres of ground at tidewater, between Eleventh street and the Wheeling-Osgood waterway. The cash received is to be used for moving the plant to the new location. Within six months the company expects to erect a new plant on the site, where in addition to its machine shops it will build a dry dock, and in addition to the manufacture of hoisting and logging engines it will be equipped for marine repairs and the building of new vessels. The Northern Pacific Railroad will use the present site of the Puget Sound Iron & Steel Works as part of its new Tacoma terminal yards.

The J. D. Maltby Company, Corning, N. Y., will soon start construction on an ice manufacturing plant at West Tiooga avenue. The building is to be of brick and steel, 40 x 70 ft., and will have a daily capacity of 30 tons. The equipment will consist of one 25-ton ice machine, one 80-hp. gas engine, 400 sheet metal ice cans, capacity 300 lb. of ice each; ice conveying machinery, &c.

### Power Plant Equipment.

The town of Inglewood, Colo., a suburb of Denver, has let a contract to the Consolidated Engineering Company, Denver, for the installation of a water works system. American spiral riveted pipe 10 in. in diameter and No. 12 gauge will be used for the mains, which will be buried at least 4 ft. below the grade line. The distribution system will also be composed of spiral pipe and controlled by a 4-in. valve at every corner. A 100,000-gal. tank 80 ft. high will supply the water storage capacity. The pumping plant will include two units, one a triplex geared three-phase 440-volt 60-cycle motor, the second, a horizontal centrifugal pump direct connected to a motor similar to that of the triplex pump. These pumps, which will have a capacity of 250 gal. per minute operating against a maximum head of 350 ft., will be automatically controlled by Sundh Electric Company's regulators.

Muralt & Co., New York, have been awarded the contract for remodeling and enlarging the water power plant on the Peconic River at Tower Mills, L. I. New turbines of the vertical shaft type will replace the old water wheels now in use, and an additional unit of the same general design will be installed.

The Conron Brothers Company, New York, is having plans prepared for a three-story cold storage building to be erected at

Brook avenue and 153d street. The building will have a frontage of 206 ft., and will have direct connection with the New York Central Railroad tracks.

Wm. Thorn of Warsaw, Ind., and others have asked for a franchise to supply the city with arc and incandescent lighting. The company proposes to erect a plant on the Tippecanoe River, at Monoquet, a few miles from Warsaw, where for years several mills were operated by water power. Engineers report that 300 hp. can be developed and 700 hp. if the river is dredged.

Recent orders secured by the Crocker-Wheeler Company, Amherst, N. J., include: Emerson Mfg. Company, Rockford, Ill., an 800-kw. and a 75-kw. generator; Oakville Company, Oakville, Conn., 300-kw. generator; High Standard Steel Company, Rockaway, N. J., two 125 k. v. a. alternators of the coupled type; De Laval Steam Turbine Company, Trenton, N. J., two 50-kw. turbo generators; Franklin Square House, Boston, Mass., 75-kw. engine type generator; Enterprise Building Company, Fall River, Mass., 50-kw. engine type generator; Clark & Cox, Denver, Colo., eight motors; Ogden Iron & Steel Company, New York, three 10-hp. motors; Stiles & Hart Brick Company, Wler Branch, Mass., 40-hp. induction motor. The company reports an increase in the demand for small direct current motors.

T. E. McGarr, secretary of the State Commission in Lunacy, Capitol Building, Albany, N. Y., will receive sealed bids until March 24 for the construction of a power house, 160 x 200 ft., of brick, steel and concrete, also of a laundry building, two stories, 100 x 200 ft., of brick and steel construction, to be erected at the Kings Park State Hospital, Kings Park, N. Y. Bids will also be received until March 24 for the following equipment to be installed in the central power and heating plant building at Central Islip, N. Y., for the Central Islip State Hospital: two 16 x 60 ft. horizontal tubular boilers, one 190-hp. automatic cut-off engine, one 100-kw. three-phase alternating current generator and switchboard. Plans and specifications can be obtained by addressing State Architect Franklin B. Ware, Capitol Building, Albany.

### Foundries.

George L. Fischer, Fred F. Fischer, Albert Fischer and George L. Fischer, Jr., of Pittsburgh have applied for a Delaware charter, the capital stock being \$8000 and the name the Fischer Foundry Company of Pittsburgh. The company owns property on Sixteenth and Muriel streets, S. S., Pittsburgh, on which a building about 36 x 60 ft. stands. This is being remodeled for a machine shop and office. Its equipment will include a gas engine and miscellaneous tools, while in the rear a new steel structure, 26 x 60 ft., is being erected. This will contain a 10-ton cupola, already purchased and erected, core oven and charging floor, 10-ton crane, &c. It is the intention to manufacture gray iron castings and conduct a general machine shop, making small tools later on.

The Chicago Hardware Foundry Company, North Chicago, Ill., has under construction a new foundry building, which when completed will add materially to the output of the plant. The new foundry will be equipped with four cupolas and other modern appliances for the economical handling of the castings.

The Dimmick Pipe Company, Birmingham, Ala., is making about 200 tons of water and gas pipe daily and has orders booked that will keep the works fully engaged for four months.

### Bridges and Buildings.

The Worden-Allen Company, Milwaukee, Wis., is bringing to successful completion its large contract for steel bridges on the Pacific Coast extension of the Chicago, Milwaukee & St. Paul Railroad, which were built and erected in remarkably quick time, which is partly due to the fact that the company keeps an unusually large number of skilled men on field work continuously.

The Wisconsin Bridge & Iron Company, Milwaukee, Wis., has prepared plans for a 128-ft. steel bridge across the right of way of the Green Bay & Mississippi Canal Company at South Kaukauna, Wis.

The Board of Freeholders of Passaic County, whose office is at Paterson, N. J., will receive bids until March 17 for the construction of a steel bridge across the Wanaque River at Wanaque, N. J.

### Fires.

The plant of the Burrill-Johnson Iron Company, Yarmouth, N. S., was damaged \$30,000 by fire March 4.

The tippie and shaft building of the Smith Mills Coal & Mining Company at Smith Mills, near Henderson, Ky., were damaged \$10,000 by fire March 4.

The Central Foundry Company's plant at Anniston, Ala., was partly destroyed by fire March 8, the loss being about \$40,000.

The brass foundry of the Leland & Faulconer Mfg. Company, Detroit, Mich., was burned March 1. The loss is placed at \$3000.

### Hardware.

The Wooster Brush Works, Wooster, Ohio, has let the contract for a new factory. The main building will be 70 ft. wide, 200 ft. long, of brick and cement, three stories, slow burning construction, with heating and power plant at the rear, 25 x 70 ft., one story. The contract calls for the completion of the factory by the first of June. The present facilities of the works do not permit them to keep abreast of their orders.