

of the care and strength by which the Allis-Chalmers Co. organization (which, it will be remembered, now also controls the Bullock Electric Manufacturing Company) is being wrought together.

The directors inform us that the Metallurgical Company of America has been incorporated under the laws of the State of New Jersey, with a capital of one million dollars. The company intend doing a general metallurgical business.

At the St. Louis Exposition, Machinery Hall, unlike the other buildings, is not closed in the evening, being open until 11 p.m., and visitors in the evening will find at work there, among other objects of interest, the big 5,000-H.P. Allis-Chalmers-Bullock engine and generator producing the electric current to keep aglow the 120,000 or more decorative lights which glitter all over the buildings and grounds.

The Jenckes Machine Co. (Sherbrooke, Quebec) have issued a new catalogue described as Series F, Bulletin 616, dealing with Standard Crushing Rolls. They introduce the subject as follows "Crushing rolls, originally brought out in Cornwall, England, have been in use many years as necessary adjuncts to the crusher or breaker. They are generally simple in construction, may be run at comparatively high speed, as their motion is rotary, not reciprocal, and they give a very uniform product. Owing to the nature of their motion, less expensive foundations are needed for a set of rolls than for a crusher of the same weight." The catalogue illustrates the standard types and sizes of crushing rolls now built by the Jenckes Machine Co.

We direct attention to an advertisement appearing in this issue of a new rock drill, known as the Little Wonder Air Hammer Rock Drill, which has, we learn, already won a high place in the esteem of miners and quarrymen in the United States. The machine weighs but 17 pounds and can be operated successfully with 14 cubic feet of air per minute at a pressure of from 80 to 100 pounds. It is moreover fully guaranteed by the manufacturer and inventor, Mr. Martin Harbsoeg, who states that if the drill does not give absolute satisfaction, proving all he claims for it he will refund the price thereof to the purchaser. The drills are now in use in following States in the United States: California Colorado, Arizona, South Dakota, New Mexico, Missouri, Kentucky, New York, Ohio, Utah, etc., and even in Alaska, South Africa and Japan, the little drilling machine has been sold on its merits. The Alaska-Treadwell Gold Mining Co., of Douglas Island, Alaska, has accepted the agency for this drilling machine. In a recent issue an Alaskan contemporary published the following in reference to the work of the drill: "A number of mining men visited the Ebner mine yesterday to witness a practical exhibition of the Little Wonder Air Hammer Rock Drill. An average of one inch a minute was made on the hardest rock and the test proved the machine to be one of the best inventions towards the reduction of the cost of breaking down rock. The Treadwell company are using the machines with the most satisfactory results."

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