

in all required sizes and styles, and adapted to every possible use where iron, steel, brass, copper and other metals require to be annealed. Messrs. Rockwell & Co. will be pleased at all times to answer questions and quote prices on anything in the furnace line, and to advise their patrons as to the best style and size of furnace for any class of work, as well as the fuel best suited for such work.

ELECTRIC VENTILATING FANS IN THE BOSTON SUBWAY.

In the very thorough consideration given by the Transit Commissioners to all points of the design of the Boston subway the matter of ventilation was by no means neglected. This was intended to serve the double purpose of providing fresh air and of securing such circulation of that air as to

prevent any accession of dampness. From the latter trouble the subway has been remarkably free, but nevertheless, the original design, which contemplated the introduction of electrically driven fans at suitable points along the route, has been adhered to. Four of these have already been constructed and installed by the B. F. Sturtevant Co., of Boston. The space coming under the control of the fans is about 2,000,000 cubic feet.

The fans were, in each case, designed to have a capacity equivalent to an air change in each section once in about 15 minutes. The air is drawn from the subway and forced through the exit chamber to a point above the surface of the ground.

The fans are all of the Sturtevant cone type, each consisting of a cast iron conical centre with annular back-plate of steel attached thereto, and a series of reverse curved steel plate blades or floats, tapering from inlet to periphery, attached to the annular back plate containing the inlet opening.

The building of the new factory of the Colonial Bleaching and Printing Company at St. Henri, near Montreal, will be begun in a few days, and it is expected the works will be in operation by January next. The company will do a general printing, dyeing and finishing business, principally in cotton goods. The factory is to be of the most modern type. The main building will be 400 feet in length, and 60 feet wide, having two wings, each 150 by 60 feet. The main structure and the additions will be two stories high, of solid brick, and equipped with all the necessary appliances to ensure perfect sanitary conditions, and protection against fire.

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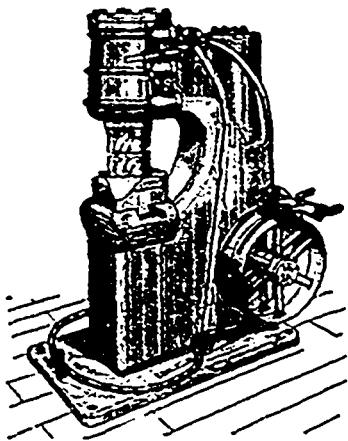
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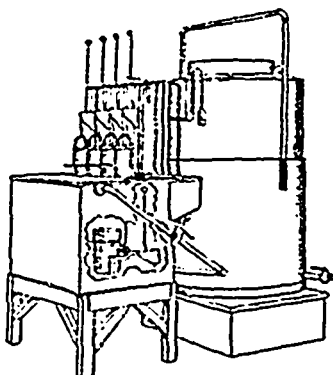
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