

pressure immediately alters the speed of the fan, and consequently the intensity of the draft, and instantly brings the pressure back to normal. As a result the steam pressure remains almost absolutely constant.

#### IRON IN NOVA SCOTIA.

Nova Scotia is to have a generous share in the industrial expansion of the day, as a project is fairly launched for the development of one of the richest iron deposits in Cape Breton, if not on the continent. The new iron plant is to involve an expenditure of from three to six million dollars, and to establish iron production on a scale that will make competition possible with the gigantic smelters of Europe and the United States. In Cape Breton, where immense deposits of iron and coal are side by side, the natural conditions exist for a great iron industry, and the situation is further improved by the proximity of shipping facilities for the largest ocean vessels. The offer of Mr. H. M. Whitney to establish smelting works for a total outlay of not less than \$3,000,000 has a satisfactory business aspect, as he asked only the exemption of his coal from the Provincial royalty for five years. After considering the proposition the Government decided to remit half the royalty on the coal consumed, and to extend the period of exemption to eight years, that policy being found more in accord with the needs of Provincial revenues. The amended proposition has been accepted, and work will soon be under way.

The Province now obtains a revenue of \$278,000 from coal royalties, a substantial share of a total revenue of \$856,000. Mr. H. M. Whitney, who has entered into this agreement, is head of the Dominion Coal Company, which secured control of extensive coal deposits in the island. Under his management the output of coal rapidly increased, and the Provincial royalties swelled from \$70,000 to \$278,000. Mr. Whitney provided a large market for this output by organizing a coke and gas company in Boston, which involved an expenditure of \$5,000,000. The proposed smelting works will be another opening for the coal output. In the agree-

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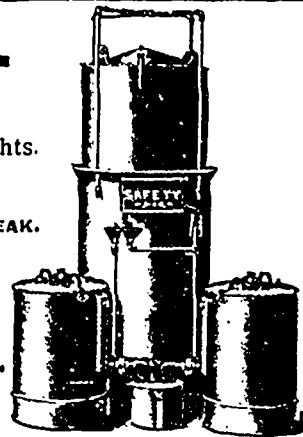
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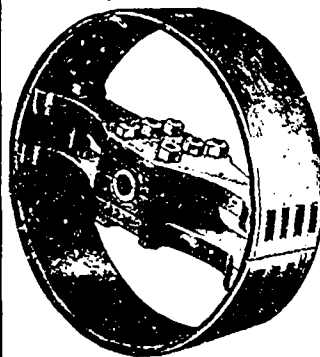
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