

engines, hoisting engines and boilers, vertical engines and boilers, gas engines, 1 to 10 horse-power. Marine boilers of every description; stationary boilers, locomotive boilers, propeller wheels, iron and brass; iron and brass castings of every description; steam pumps, air and circulating pumps; surface condensers; National feed water heaters; iron and steel passenger and cargo steamboats complete.

The Standard Oil Fuel Burner Company, Fort Plain, N. Y., are offering our readers a hydro-carbon burner for burning crude petroleum under low pressure, and adapted for all kinds of iron and steel forging, tempering and welding, annealing, etc.; and for burning sewer pipe, heating asphalt, oxydizing lead, generating steam, etc. Crude petroleum has come very largely into use in manufacturing establishments in the United States, and to some extent in Canada, the prospect being that, when the Canadian duty upon crude oil is considerably lowered, as it undoubtedly will be at the present session of the Dominion Parliament, the use of that article as fuel for industrial purposes will become quite as general in this country as in the United States.

The Northey Manufacturing Company, Toronto, have sent to us their new general catalogue, having reference to the pumping machinery manufactured by them. In presenting this catalogue attention is called to the substantial advances made by the company in the number, quality and general get up of their machines since their last catalogue was issued; special attention being called to the simple, positive, noiseless, adjustable, and reliable valve gear. The pumping machines made by this concern include about everything in that line to be desired for any purpose. They speak of having the largest and best equipped steam pump works in Canada, simply provided with tools specially designed for their business. The extensive works of the Northey Company are near the King Street subway.

Stop The Leaks!

YOU CAN SAVE YOUR VALVES.

You can Save the loss of Steam, and thereby Save Fuel.

You can avoid the Annoyance and Expense of Disconnecting the Valves from the Pipe by using the Morse Valve Reseating Machine.

Can you afford to be without one?

DARLING BROTHERS, RELIANCE WORKS, MONTREAL.

Mr. R. H. CUSHING, Moncton, N.B., is interested in a new nut lock recently invented by Mr. Angus Fougere, and which consists of an ordinary bolt and nut, the lock being a secondary nut, about the size of a thick washer, in which a thread is cut in such a way that when lightly screwed in the plane of the washer is inclined from three to ten degrees to the plane of the nut. The washer, which is made of mild steel, is screwed up tight against the nut, which forces its threads from their natural position and thus causes the washer

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Our portable drilling machine can be applied to the frame of a machine, or anywhere a hole is required. It bores at any angle. Nothing like it for repairs.

EVERY MANUFACTURER NEEDS ONE.

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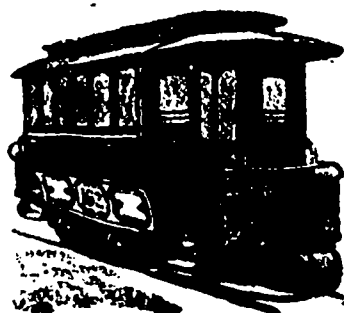
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