

THE
NEW PRINCIPLE

IDEAL ACETYLENE GAS GENERATOR.

Acknowledged by Experts and Insurance Inspectors as the only perfect and safe system for Generating Acetylene Gas.

ADVANTAGES

Of New Style . . .
Carbide Submerging
Machine

No Generator to Open to Recharge.

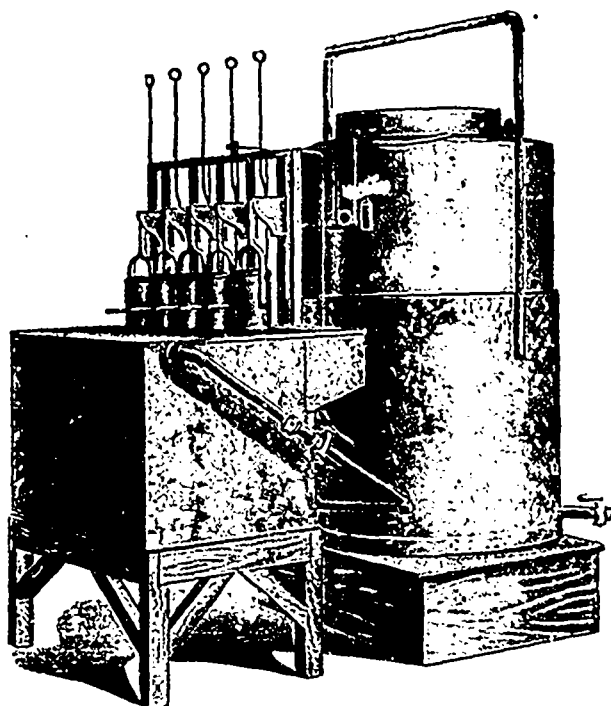
Gas is Generated under Water and is Cool and Pure.

200 Degrees less Heat in Generator than in Old Style.

Absolutely no Over Generation or Loss of Gas.

Can tell at a Glance exactly how much Carbide is Used, and how much Unused.

Separate Ideal Generators supplied for attachment to present Gas Holders where Sprinkling Generators are now in use.



DEFECTS

In Old Style
Sprinkling Machines.

Generator must be Opened to Recharge, with Loss of Gas and Bad Odour.

Gas Generated by Sprinkling is Hot and Impure.

More or Less Over-Generation and Waste of Gas.

Cannot tell how much Carbide is or is not used without opening Generator.

J. WALLACE & SON,
MANUFACTURERS — OF — **Acetylene Gas Apparatus,** 156 KING STREET EAST, HAMILTON, ONT.

WE MAKE IT. *The Reeves*

A High Grade Wood Split Pulley.

Made of the Best Materials and so Constructed, by Expert Workmen, that it stands the most severe and heavy work.

Stronger than Iron.

Lighter than Steel.

ASK YOUR MACHINERY OR HARDWARE DEALER FOR IT.

REEVES PULLEY CO., Toronto, Ont., Also Columbus, Ind.

THE CANADIAN RAND DRILL CO. have moved their General Sales Office, controlling Canadian Territory, to 18 Victoria Square, Montreal, in order to facilitate their business, which has been rapidly increasing during the last two years. They have established an office at 88 York St., Toronto, one in Halifax, one in Rat Portage in charge of Mr. George J. Ross, and one in Rossland in charge of Mr. Mendenhall. They are as usual manufacturing largely along the lines of duplex construction which they have advocated from the first. A duplex compressor costs a little more in the first place than a straight line machine, but the difference in economy of the two offsets the difference in price. Their Toronto office has lately contracted with the Canadian Copper Co., the largest nickel producers of Canada, for a very large mining plant. The Canadian Gold Fields of Marmora, they have also just equipped with a large Corliss Compressor.

Through the Halifax office the Intercolonial Coal Mining Co., of Westville, are also installing one of their high class machines for pumping. Duplex construction permits of an economical arrangement of cylinders in proper ratio to the steam pressure at hand, and to the air pressure required.

The Rat Portage office last year installed from start to finish a large plant at the Sultana mine, a large plant at the Foley mine, and also a large plant at the Mikado. They are now putting in machinery at the Cameron Islands mine, and also a large plant for the Boulder Gold Mining Co., which is controlled by Mr. Leclair and other American capitalists.

The Rossland branch has rather the advantage of the others in that it has a large warehouse at its back and is able to fill orders from stock. They have lately contracted with the Knob Hill mine for a large power plant and two mining plants, the object being for the second mining plant being supplied with power from the one Compressor located at Knob Hill.