

CALEDONIAN IRON WORKS

JOHN McDOUGALL, - MONTREAL, OUE.

BOILERS

TANKS AND
WROUGHT IRON
WORK

HYDRAULIC AND MILL MACHINERY

GEARS, PULLEYS, HANGERS

IRON CASTINGS OF EVERY DESCRIPTION

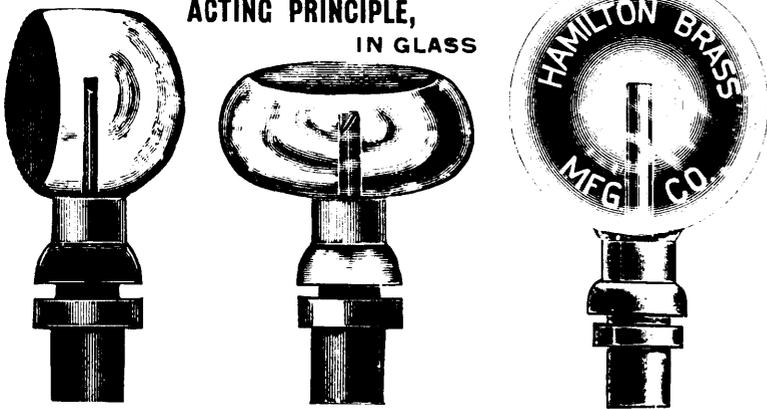
GENERAL AGENTS
IN CANADA FOR

WORTHINGTON PUMPS

Meters, Etc., Rife Hydraulic Engines and The New York
Filter Manufacturing Company

IMPROVED NEEDLE LUBRICATORS.

On a PATENT PNEUMATIC and SELF-
ACTING PRINCIPLE,
IN GLASS



INSTRUCTIONS for FITTING and ADVANTAGES

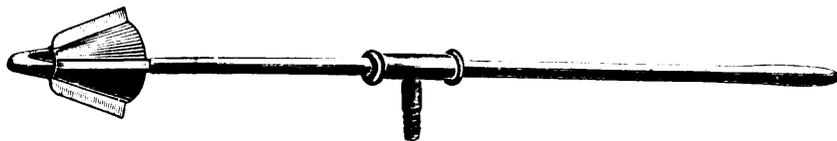
The Lubricators being carefully fitted by enlarging the oil hole to fit the plug part of stopper, or otherwise by reducing the plugs to fit existing oil holes, the needle must be perfectly round, smooth and clean, so as to work freely in the tube, the flattened end reaching about half-way up the inside of Lubricator, while the other end rests on the shaft or axle, will produce the following results, viz. : -

- 1st.—Free working of the machinery by perfect lubrication.
- 2nd.—A saving of more than 75 per cent. in oil.
- 3rd.—Corresponding economy in steam-power and coals.
- 4th.—Cleanliness, and consequent saving in labor, engineers' stores, etc.

ALL OUR LUBRICATORS ARE FITTED WITH BRASS TUBES.

IMPROVED STEAM TUBE CLEANER.

WRITE FOR PRICES TO



THE CLEANER THAT CLEANS CLEAN.

THE HAMILTON BRASS MFG. CO., Limited.

No Moisture. No Scale. Saves Cost Quickly.

HAMILTON, ONT.