

# MARSH INDEPENDENT STEAM PUMP

FOR STATIONARY, PORTABLE AND MARINE BOILERS.

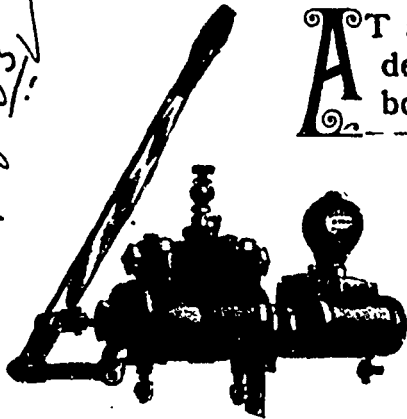
OVER 2,000 MARSH PUMPS SOLD IN THE UNITED STATES DURING 1890

**A**T a recent test by Prof Cooley, of Michigan University, 48 degrees of temperature was added between condenser and boiler in passing through pump.

*Absolute Actuation and Regulation without the use of Tappets, Levers, or other Mechanical Construction.*

As the exhaust mingles with feed water and returns to boiler, there is no loss of heat, hence it is the most economical pump in use. For hot or cold water or liquids, with or without Hand Pumping Attachment, NO PUMP EVER MADE THE RECORD OR BECAME SO POPULAR AS THE "MARSH."

Patented in Canada 7th February, 1889.

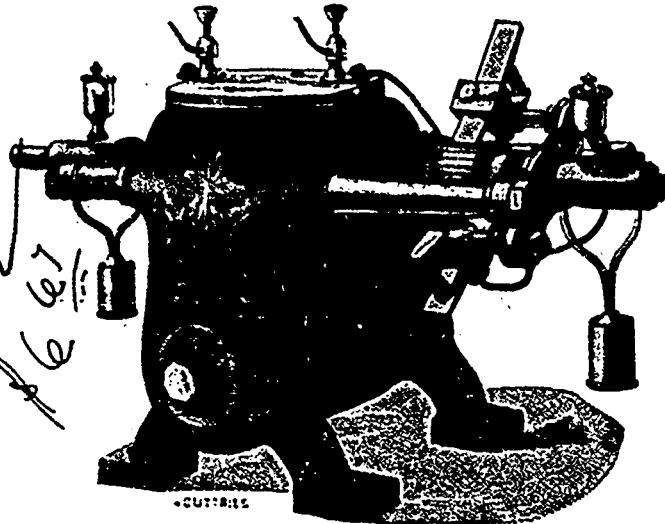


THIS CUT SHOWS SMALLEST SIZE MARSH PUMP, WITH HAND LEVER.

MANUFACTURED ONLY BY

**JOHN GILLIES & CO.,**

**CARLETON PLACE, ONT.**



## KAY ELECTRIC WORKS

NO. 263 JAMES ST. N. - HAMILTON, ONT.

MANUFACTURERS OF

## DYNAMOS

For Arc and Incandescent Lighting.

## MOTORS

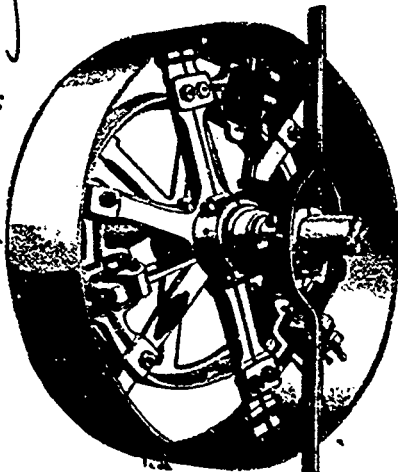
From 1-8 H. P. to 50 H. P.

ELECTRO PLATING MACHINES AND GENERAL ELECTRICAL APPLIANCES. SPECIAL ATTENTION TO MILL AND FACTORY LIGHTING.

WRITE FOR CIRCULARS.

# DO YOU STOP YOUR MACHINE

By lifting a tightner, throwing off the heavy belt, or stopping the engine? All of these are objectionable.



We have patented a Friction Grip Pulley, —compact, simple, durable, large frictional area, ample clearance when out of engagement, powerful gripping mechanism.

We guarantee this pulley to work satisfactorily and to be thoroughly reliable.

Made split when required, and with 2, 3, 4, 6 grips for any class of work. Also a Cut-off

Coupling of the same design.

Send for circulars and prices.

**THE WATEROUS ENGINE WORKS CO., BRANTFORD, CANADA.**