

4. **HEAVY LUBRICATING OILS**; for which, when mixed with a certain proportion of other fatty materials, there is a great demand for machinery purposes throughout the world. The qualities required in oil for machinery use are that it should be free from acid reaction, not volatile, capable of withstanding both cold and heat, and able to lubricate without "gumming." These qualities are all possessed by the **CANADIAN NATIVE OIL**, after distillation and refinement from the crude state. The Canadian Lubricating Oil stands both heat and cold without changing its consistency, and is in all respects equal to the best sperm which fetches 90¢ a ton. This Canadian Lubricating Oil is equally superior for manufactures, steam engines, and manufacturing purposes generally, as it is for railroad purposes.

5. **NAPHTHALINE.**

6. **TAR.** The source of Mauve, Magenta, Rosaline, Azurine, etc., which when mixed with a certain proportion of crude oil is used for the manufacture of gas, or when mixed with saw-dust, as stated hereafter, for fuel.

7. **REFUSE CARBON** suitable also for fuel.

GAS FROM CANADIAN NATIVE OIL.

"This is an established fact already," says the *Cornhill Magazine*, "the inhabitants of Montreal, and perhaps by this time other Canadian towns, are illuminated on their way home from the tavern, or playhouse, by Petroleum gas." An advertisement appeared, on December 12, in the Toronto papers, to the following effect:—

GAS FROM PETROLEUM.

I WOULD inform the Public that I have completed my experiment in making Gas from Crude Petroleum, and am now prepared to offer one of the most brilliant and economical Gas lights yet invented.

GAS CAN BE MADE

ONE DOLLAR PER ONE THOUSAND FEET,
AT
 And can be seen burning on my premises.

I Am Manufacturing Portable Gas Works

To supply the Gas to Private and Public Buildings for \$250 and upwards, and am now prepared to supply with promptness any demands made on me for them.

JAMES E. THOMSON,

109, King-street West, Toronto.
 3648 B.

Toronto, Dec. 12.

On April 4, appeared the following—

CIRCULAR.

109, KING STREET WEST, TORONTO, April 3, 1862.

SIR,—We beg to inform you that we have secured a patent in Canada for the manufacture of Illuminating Gas from Crude Petroleum.

Our Process is susceptible of being applied on any scale—from the lighting of a Dwelling House to that of the largest City.