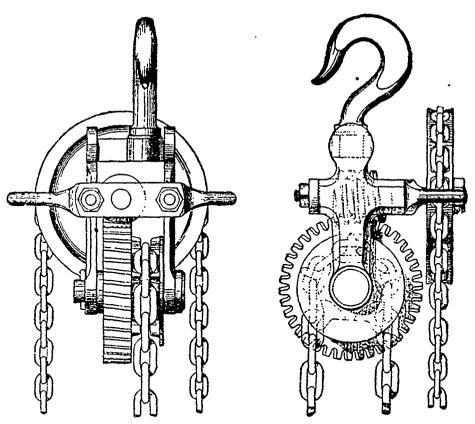


NEW PETROLEUM MOTOR.



F1G. 1.

F16. 2.

IMPROVED SCREW BLOCKS.

The retroleum is introduced into the cylinder simply by atmospheric pressure, and in consequence of the vacuum which the piston makes in advancing. The impulsion of the flywheel brings the piston back again. The air is constantly renewed in the bellows E by a tube K.

To cool the cylinder, a current of cold water is made to circulate between the envelopes; being pumped from the receiver L by the pump J.

Above the cylinder is fitted a governor which regulates the

supply of petroleum, by a combination of levers. The smoke produced by combustion of the petroleum escapes by the orifice of the third valve, and goes off by a chimney. The movement of the valve is determined by an eccentric on the shaft.

The whole machine rests on a metal plate fixed on a stand of wood or masonry. All that is necessary to set it going is to open a cock and to light the lamp C.

The petroleum motor is constructed with forces of from 1