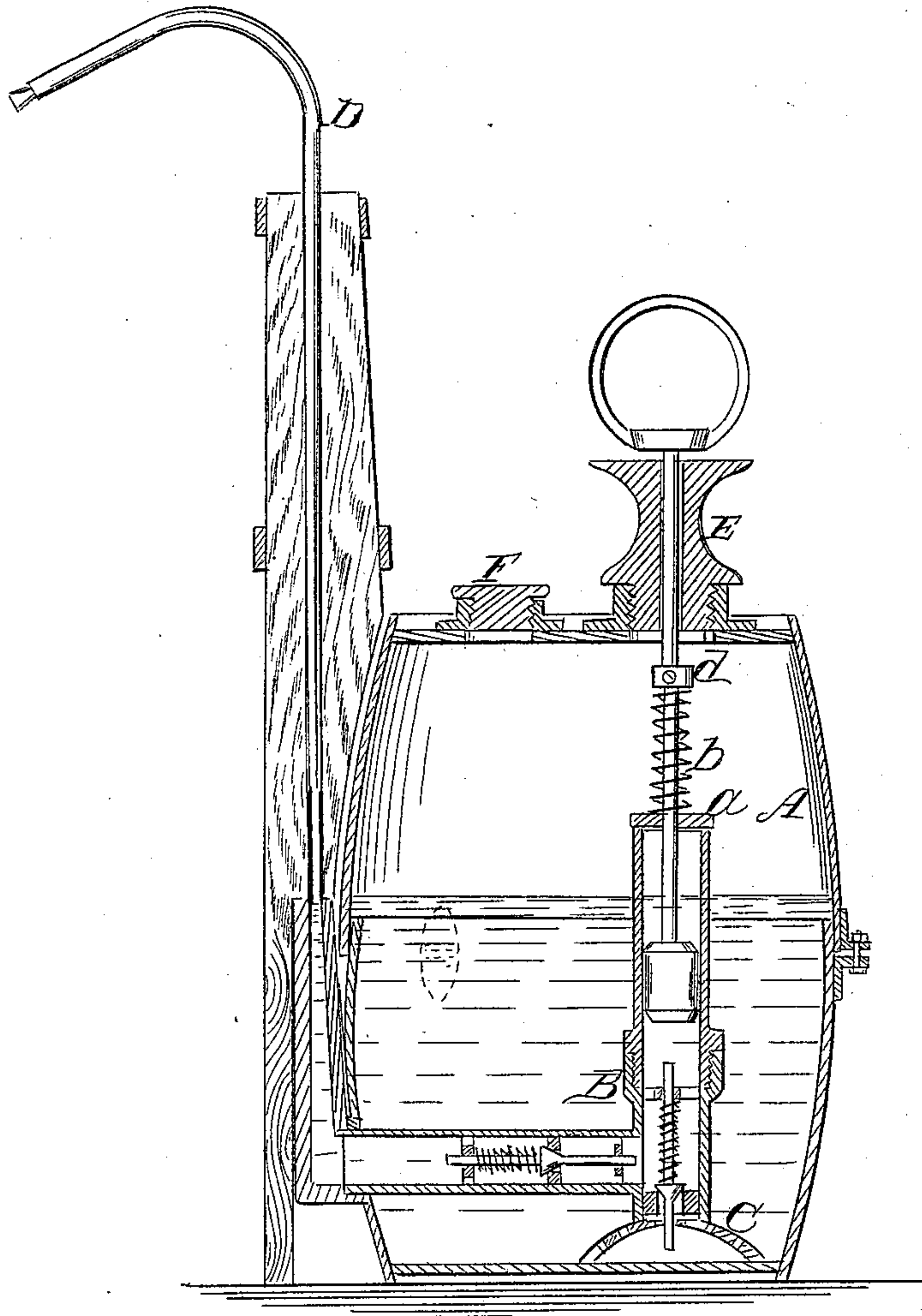


C. A. Morton,

Oil Can.

Nº 92,872

Patented Jul. 20. 1869.



Witnesses:

Wm. A. Morgan
G. C. Cotton

Inventor:

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per Murray &
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United States Patent Office.

CHARLES A. MORTON, OF BIDDEFORD, MAINE.

Letters Patent No. 92,872, dated July 20, 1869.

IMPROVEMENT IN OILERS FOR MACHINERY.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, CHARLES A. MORTON, of Biddeford, in the county of York, and State of Maine, have invented a new and useful Improvement in Apparatus for Oiling Machinery; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

The figure is a sectional elevation of my improved apparatus.

The object of this invention is to provide an improved portable oiling-apparatus for machinery, whereby the oil may be supplied, in measured quantities, and thrown in jets in such places as it is difficult to reach readily, and which may be also used with equal facility for ordinary purposes.

It consists of an oil-vessel, provided with a pump, and a directing-tube, and so constructed that it may be held, and the pump worked by one hand, while the tube may be guided by the other, as will be more fully described on reference to the accompanying drawings, wherein—

A represents a suitable oil-vessel, which is provided with a pump, B, having a convex perforated disk secured to the bottom thereof, and by which it is secured, by soldering or otherwise, to the bottom of the vessel.

The discharging-tube of the pump projects through the side of the vessel, and is suitably connected to a curved directing-tube, D, rising above the vessel on the side, and which is encased in a protecting pole, of wood or other suitable material, secured vertically to the side of the vessel, or the tube may rise out of the top, if preferred.

The barrel of the pump is made detachable from the other part, and provided with suitable means for applying a screw-driver or wrench for unscrewing it, when it may be desirable to do so for reaming it in case it becomes worn, and for which an opening of sufficient

size is made through the top of the vessel and stopped by the perforated plug E, through which the stem of the plunger works.

This cap *a*, of the pump, is placed loosely thereon, and maintained in its position vertically by the spring *b*, interposed between it and the adjustable collar *d* on the stem of the pump-piston, whereby it is maintained in an elevated position, ready to effect a discharge of oil by being forced down.

The amount of the throw of the piston, and thereby the quantity of oil yielded, is governed by the position of the said ring on the stem.

F represents an opening for supplying oil to the vessel.

To operate my improved oiling-apparatus, it is suspended by the head of the plug E, between the fingers, with the thumb in the ring on the top of the piston-stem, while the tube D may be directed by the other hand towards the point to be lubricated, when, by forcing the plunger down by the thumb, the jet will be thrown out with considerable force, sufficient to deliver the oil at places not easy of access, and at considerable distance.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The portable hand-oiler, consisting of the vessel A, pump B, and the vertical-discharge and directing tubes, the pump being arranged within the vessel upon the perforated convex disk C, with its piston-rod extending through the screw-plug E in the top of the vessel, and with its lateral pipe communicating with the discharge tube upon the side of the vessel, all as herein described, whereby the oiler is adapted to be held and the pump operated by one hand, while the directing-tube D is guided by the other, as herein set forth and shown for the purpose specified.

Witnesses:

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GEO. S. WEST,

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