M. W. COLLINS & C. F. BOUGHTON.

Implement for Holding and Operating Oil-Can.

No. 202,791. Patented April 23, 1878.

Fig. 1.

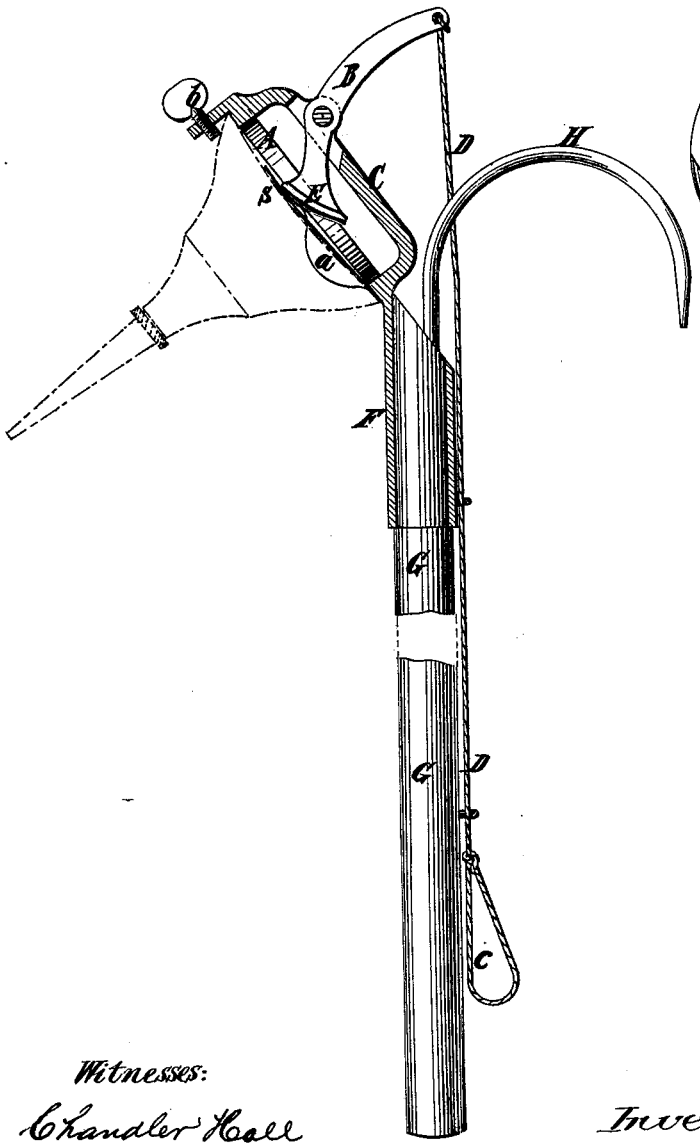
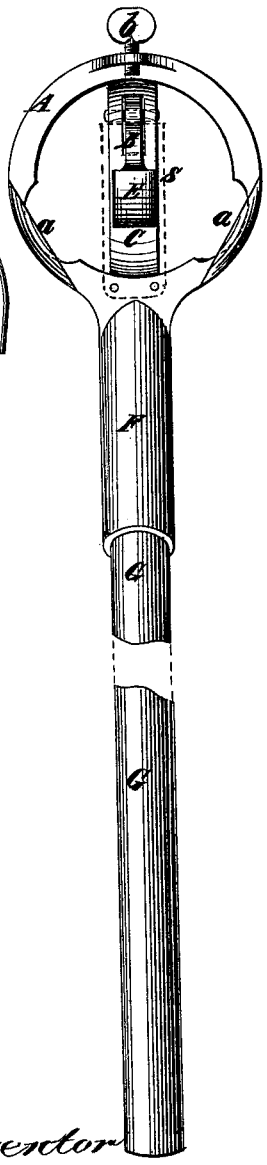


Fig. 2.



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UNITED STATES PATENT OFFICE.

MICHAEL W. COLLINS AND C. FRANK BOUGHTON, OF BROOKLYN, N. Y.

IMPROVEMENT IN IMPLEMENTS FOR HOLDING AND OPERATING OIL-CANS.

Specification forming part of Letters Patent No. **202,791**, dated April 23, 1878; application filed September 6, 1877.

To all whom it may concern:

Be it known that we, MICHAEL W. COLLINS and C. FRANK BOUGHTON, both of Brooklyn, in Kings county, and State of New York, have invented a new and Improved Implement for Holding and Operating Oil-Cans, of which the following is a description:

The object of this invention is to provide for conveniently oiling elevated shafting and parts of machinery without using a ladder, which is always inconvenient, is laborious, consumes much time, and is attended with danger.

The invention consists in a holder for an oil-can provided with a suitable supporting-rod, and with certain novel and simple means for operating the spring-bottom of an oil-can to effect the ejection of the oil.

It also consists in details of construction to be hereinafter explained.

In the accompanying drawing, Figure 1 is a partly-sectional side view of an implement for holding and operating an oil-can, and embodying the invention, its supporting-rod being broken away, so as not to occupy too much space; and Fig. 2 is a front view thereof.

Similar letters of reference designate corresponding parts in both figures.

A designates a ring-shaped holder, shown as provided on its front with inwardly-extending claws, fingers, or gripers *a*, and an adjustable catch, consisting of a screw, *b*, for securing in place an oil-can of ordinary or any other suitable construction.

B designates the means for operating an oil-can, arranged in the holder A, so as to effect the ejection of oil therefrom. It consists of a lever pivoted to a bridge-piece, C, at the back of the holder A in such manner that its inner end may impinge with a wedge-like action against the spring-bottom of an oil-can arranged in the said holder, or a push-piece, as hereinafter explained; and its outer end may be pulled downward by a cord, D, chain, or other device, provided with a hand-piece, such as a loop, *c*, to effect its operation.

At the inner end of the lever (see particularly Fig. 1) there is preferably a toe, E, the face of which is eccentric to the pivot of the lever, receding from the forward toward the rear end, and may be advantageously curved laterally, so that its edges will not wear or cut away the oil-can. When provided with such a toe the lever B will need no spring to throw it back, because the force exerted by the spring-bottom of the oil-can will suffice to do this. A spring, however, may be applied to the lever, if desirable, and it may consist of a straight strip of steel, S, which will also serve to protect the can from being injured or worn by the toe, and serve as a push-piece.

The holder A is provided with a socket, F, for fitting on the rod G, or other device, whereby the holder is supported.

The holder, its fingers, claws, or griping-pieces, bridge-piece, and socket may all be made in one casting.

H designates a device consisting of a wire hook, preferably pointed, extending beyond the holder, and constituting a cleaner or picker, to clear or free the oil holes or openings before using the oil-can.

To oil machinery, the nozzle of the oil-can is inserted in the oil cup or opening, and the lever is alternately pulled down and released, so as to force in the bottom of the can and allow it to spring out again to eject the oil.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. A ring-shaped oil-can holder having a long support provided with claws, fingers, or griping-pieces, extending from its face, and a catch adapted to be adjusted toward and from said claws, substantially as described, whereby an oil-can may be inserted from the front.

2. The combination, with an oil-can holder, of a bridge-piece extending across the back thereof, and a lever pivoted thereto, so that one end may be made to impinge with a wedge-like action against the bottom of the oil-can, the other extending over the top of the support for said holder, so that the lever may be operated by a direct pull on a cord, chain, or wire attached thereto, substantially as specified.

3. The combination, with an oil-can holder provided at the back with a bridge-piece, of a lever pivoted to said bridge-piece, and having

at the inner end a toe whose face is eccentric to its line of motion, adapted to impinge against the bottom of an oil-can arranged in the holder, substantially as and for the purpose specified.

4. The combination, with a holder for an oil-can and a lever adapted to operate an oil-can therein, of a push-piece for receiving the impact of the lever and transmitting it to the can.

5. The combination of the holder A, socket F, and support G, claws, fingers, or griping-pieces *a*, screw *b*, bridge-piece C, lever B E, cord D, and cleaner H, substantially as and for the purpose specified.

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