(No Model.)

A. D. COOK.

PUMP HANDLE.

No. 318,235. Patented May 19, 1885.

Fig. 1.

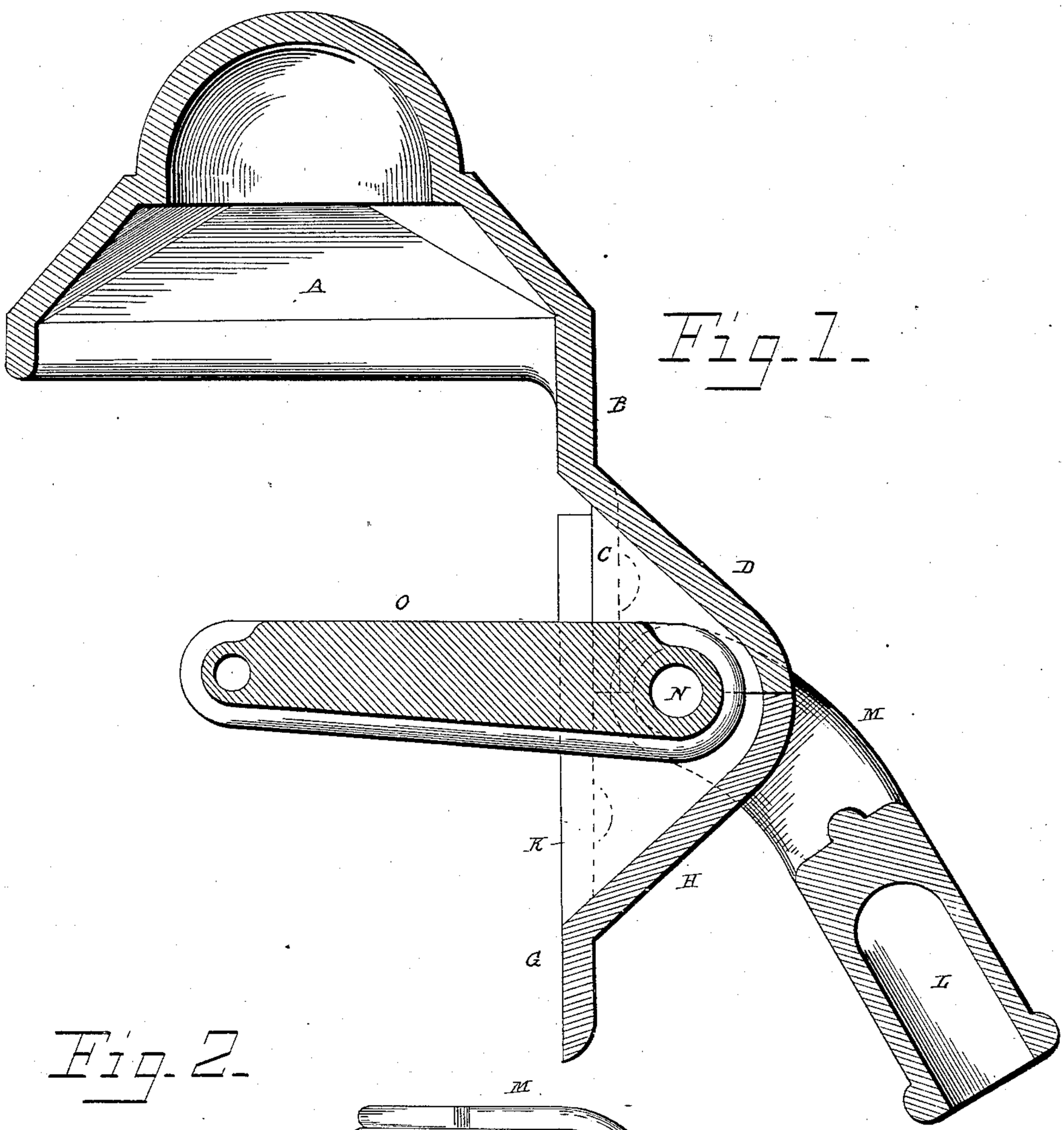
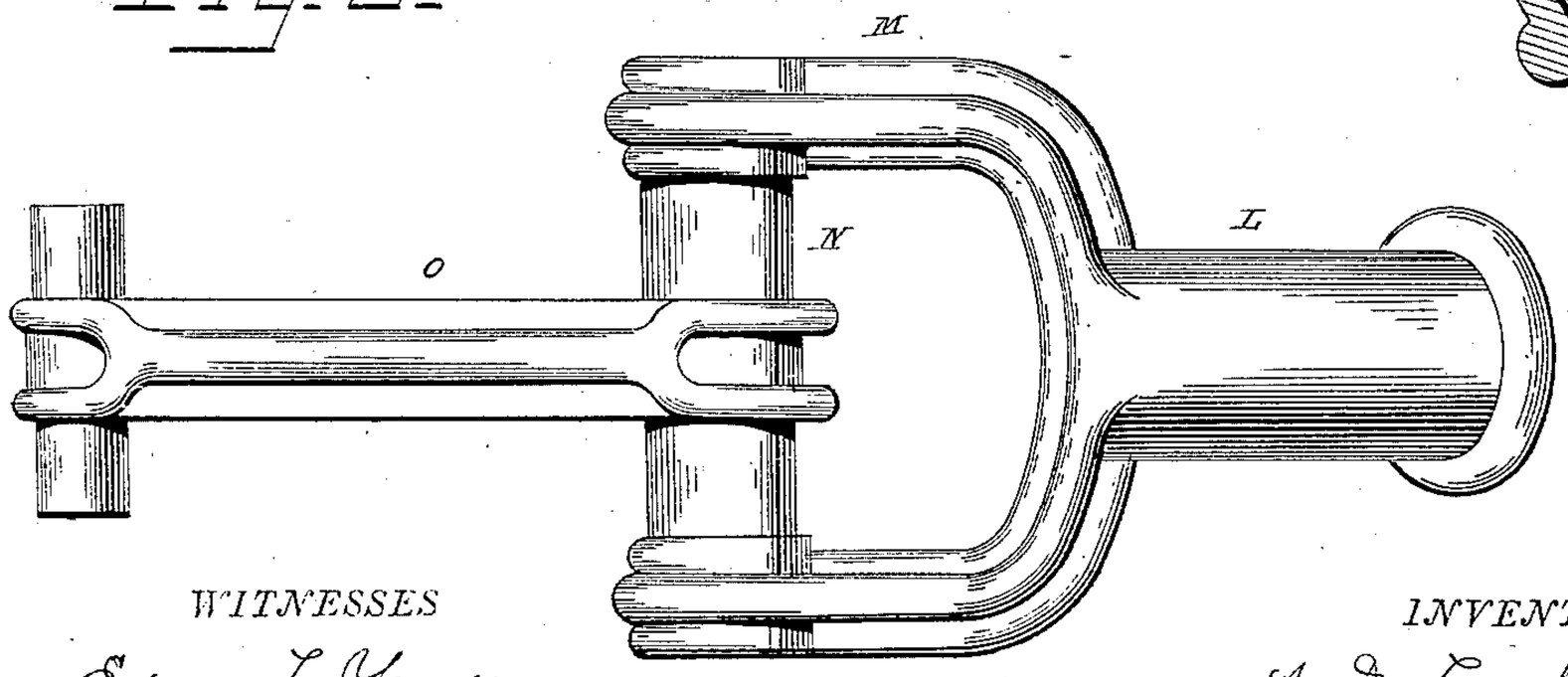


Fig. 2.



WITNESSES

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AUGUST D. COOK, OF LAWRENCEBURG, INDIANA.

PUMP-HANDLE.

SPECIFICATION forming part of Letters Patent No. 318,235, dated May 19, 1885.

Application filed May 21, 1884. (No model.)

To all whom it may concern:

Be it known that I, AUGUST D. COOK, a citizen of the United States, residing at Lawrenceburg, in the county of Dearborn and State of Indiana, have invented certain new and useful Improvements in Pump-Handles, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in pump handles and caps, and is designed to produce a device by which the pump may be operated without admitting dirt or other foreign substances. It also forms a strong and durable cap for a pump.

In describing the device reference will be made to the annexed drawings, in which Figure 1 represents a vertical section through the cap and handle, and Fig. 2 a detail representing the handle-connection detached.

A represents the cap for covering the end of the pump-tube, and may be of any shape or any design, as desired. This cap has on one side a downward continuation, B, fitting outside the pump-tube.

Integral with the continuation B is a further one, C, which sets off somewhat from the pump-tube.

Projecting from the piece C is the hood D, having parallel sides and a sloping top, as shown, and having on the lower part of each side a semicircular recess and a corresponding annular flange. The recesses form the upper half of the pump-handle bearing.

Fitting against the pump-tube, and under the part C, is a plate, G, having a hood, H, recessed corresponding to the recessed hood on the cap, but sloping inward as it continues downward.

Behind the hood the plate is recessed, as shown at K, which recess continues through the part that sets behind the part C.

The handle proper consists of the usual socket, L, into which is fitted an ordinary wooden or metal continuation.

Beyond the socket the handle is divided into two parts, M, their ends being connected by a cylindrical piece, N. The divided part straddles the hoods before mentioned, and the piece N rests in the recesses in said hood, thus forming a proper pivotal bearing for the said handle.

From the center of the cross-piece, and projecting through the slot in the plate and into the pump, is the arm O, having its end adapted to receive the usual plunger-rod. The pump-handle has its parts made hollow where suitable and properly ribbed to insure lightness and strength. The cap and plate are secured together and to the pump-tube by bolts passing through proper bolt-holes.

The operation of the device is so simple and obvious as to require no further description; and it will also be seen that there is absolutely no place for dirt to enter.

Having described the device, what I claim is—

1. The cap with its downward extension, with a recessed hood projecting therefrom, in combination with a plate having a corresponding recessed hood, and a slot behind the same, the parts when combined being adapted to receive a pump-handle, and to exclude dirt and the like, substantially as described.

2. The combination of the cap having a downward extension from which projects a recessed hood, the slotted plate with its corresponding recessed hood, and the handle consisting of a socket, a divided extension, a cross-piece connecting the same, and an arm projecting from the cross-piece, all the parts being arranged to operate substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

AUGUST D. COOK.

Witnesses:
WILLIAM F. COOK,
CHARLES L. SKINNER.