

*Messinger & Mason,
Mop Holder.*

N^o 62,214.

Patented Feb. 19, 1867.

Fig: 1.

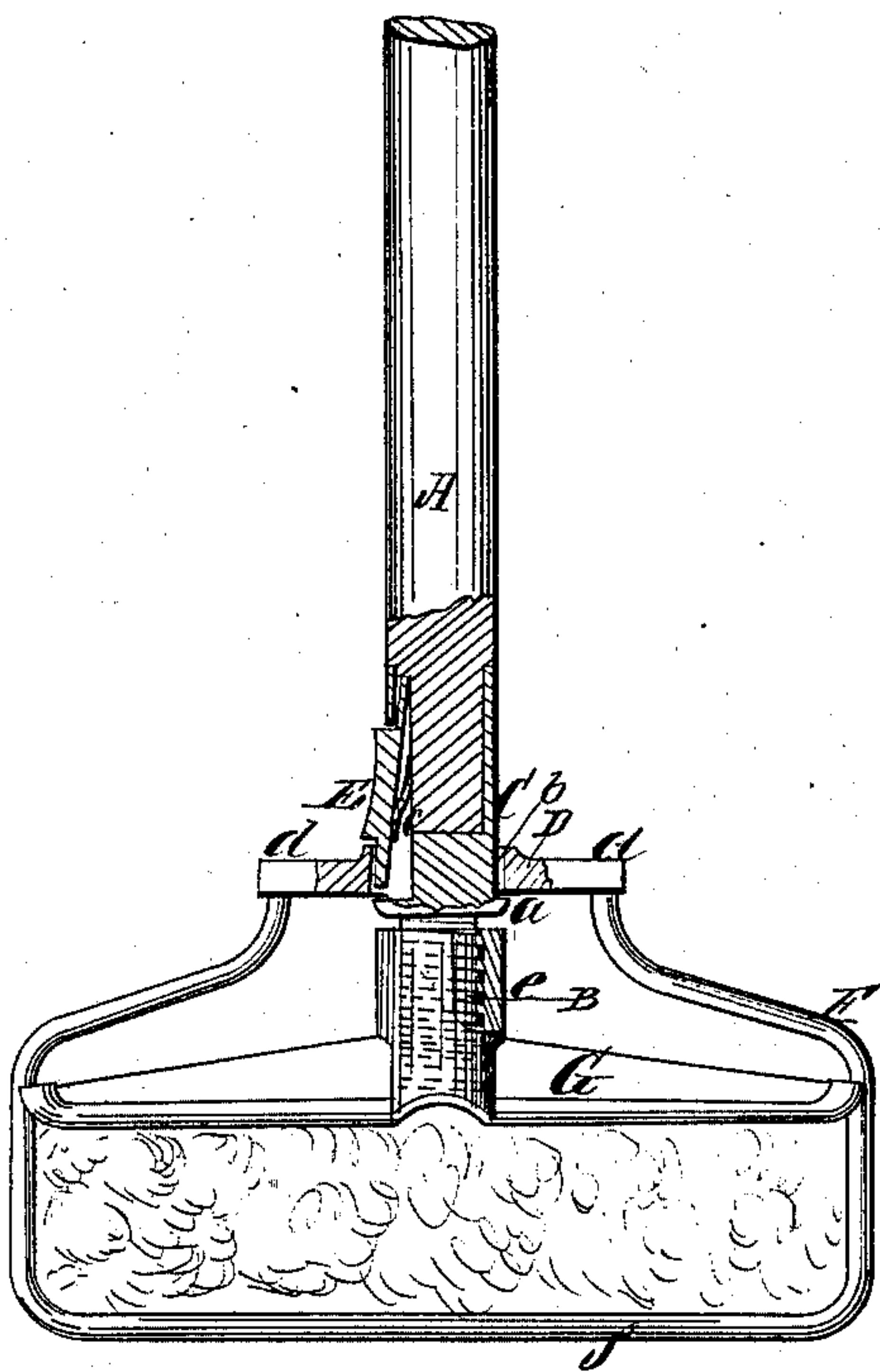
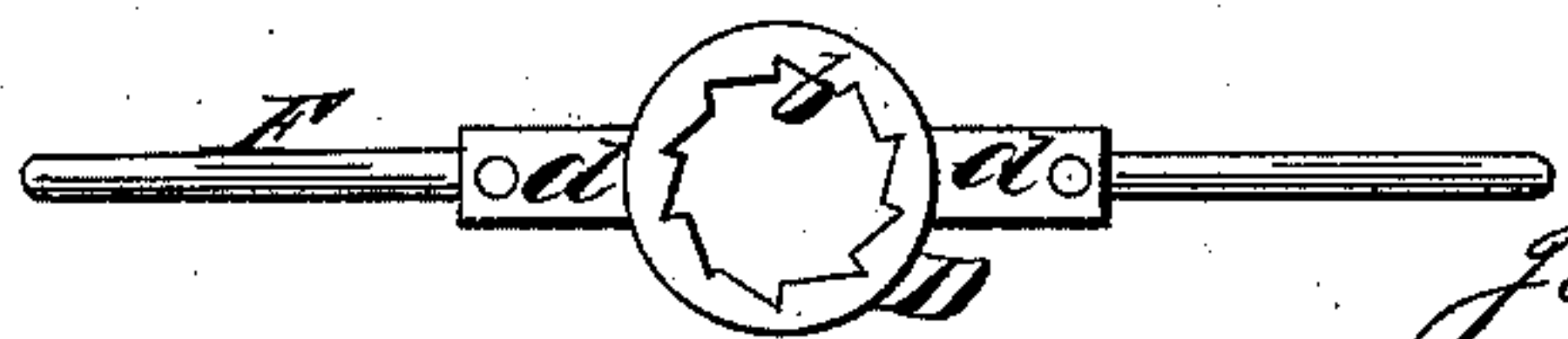


Fig: 2.



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H. H. MASON AND JOSEPH MESSINGER, OF SPRINGFIELD, VERMONT.

Letters Patent No. 62,214, dated February 19, 1867.

IMPROVED MOP-HEAD.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, H. H. MASON and JOSEPH MESSINGER, of Springfield in the county of Windsor, and State of Vermont, have invented a new and improved Mop-Head; and we 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 drawings, forming part of this specification.

This invention relates to a new and improved mop-head of that class in which a screw and a ratchet and pawl are employed for operating the jaws and retaining the same in position to hold the mop-cloth. In the accompanying sheet of drawings—

Figure 1 is a side sectional view of our invention.

Figure 2, a detached view of the ratchet and jaw connected therewith.

A represents a portion of the wooden handle of a mop-head, and B is a metal screw, attached or fitted permanently thereto. C is a metal ferrule, placed on the handle A at the inner end of the screw B, said ferrule having a shoulder *a* at its outer end to retain a ratchet, D, thereon, the teeth *b* of the ratchet being at its inner edge, adjoining the ferrule C. In the ferrule C there is fitted a pawl, E, which engages with the teeth of the ratchet under the influence of a spring, *c*, as shown clearly in fig. 1, the pawl preventing the ratchet from turning in one direction, but not interfering with the free movement of the ratchet in the other direction. The ratchet D has two projecting ears or lugs *d d*, to which the ends of one jaw, F, of the mop-head are attached, the other jaw, G, being provided with a socket or tube, *e*, at its centre, having an internal screw to work on the screw B. The ends of the jaw G are provided with notches or grooves to receive the sides of the jaw F; and it will be seen that by turning the jaw F the jaw G will also be turned. In order to secure the mop-cloth between the two jaws F G, the jaw F may be held stationary by one hand and the handle A, and, consequently, the screw B turned by the other, the pawl E admitting of this, and the jaw G will be therefore moved towards the outer side, *f*, of jaw F, and the mop-cloth secured between the jaws, the pawl E preventing the jaw G from moving back. In order to detach the mop-cloth the pawl E is pressed inward so as to be clear or free from the teeth of the ratchet and the jaw E, turned from left to right; this turning of the jaw E causing the other jaw G, owing to the connection between them, as previously referred to, to also turn and to be moved back, owing to its female screw in the socket or tube *e* working on the screw B. By this means the mop-cloth may be readily secured between and detached from the jaws and a very simple and efficient mop-head obtained.

We do not claim any of the within-described parts separately and independently of the arrangement herein shown and described, but we do claim as new, and desire to secure by Letters Patent—

The fixed screw B on the handle A, in combination with the ratchet D on the ferrule C, the pawl E, the jaw G, provided with a tube or socket having an internal screw-thread to work on the screw B, and the jaw F connected to the ratchet D and fitting in the ends of the jaw G, substantially as and for the purpose herein set forth.

The above specification of our invention signed by us this 24th day of December, 1866.

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