

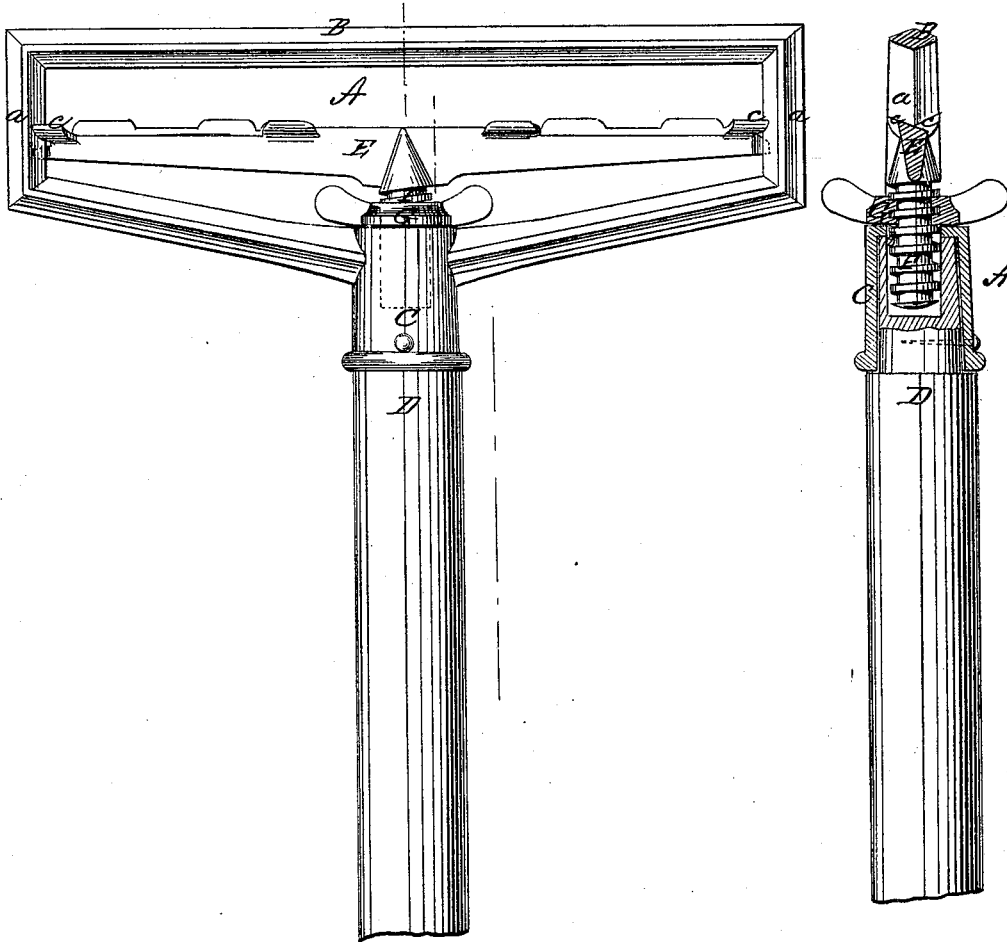
H. H. MASON.
MOP-HEAD.

No. 181,958.

Patented Sept. 5, 1876.

Fig: 1.

Fig: 2.



Witnesses:

H. G. Waffenberg
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Inventor:

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UNITED STATES PATENT OFFICE.

HENRY H. MASON, OF SPRINGFIELD, VERMONT.

IMPROVEMENT IN MOP-HEADS.

Specification forming part of Letters Patent No. 181,958, dated September 5, 1876; application filed June 30, 1876.

To all whom it may concern :

Be it known that I, HENRY H. MASON, of Springfield, in the county of Windsor and State of Vermont, have invented a new and useful Improvement in Mop-Heads; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention is in the nature of an improvement in mop-heads; and the invention consists in a mop-head constructed with a movable jaw or clamp having a screw-shank centrally affixed thereto, which passes through a screw-nut and into the socket for the handle, which is secured to the fixed jaw or frame of the mop-head, as is hereinafter more particularly shown and described.

In the accompanying sheet of drawings, Figure 1 is a side view of my invention, and Fig. 2 an edge view, partly in section.

Similar letters of reference indicate like parts in both figures.

A represents a mop-head, the fixed jaw B of which is, with the sides *a*, cast with the socket C. This socket is cast hollow for the reception of the handle D, and through the upper end of the socket C is cast an opening, *b*. Fitted between the sides *a* is an adjustable jaw or clamp, E. Secured to this clamp, midway between its extremities, is a screw-stem, F. This screw-stem passes through the opening *b* in the upper end of the socket C, and also through a screw-nut, G, which nut has screw-threads formed within it corresponding to the screw-threads on the screw-stem F, so that the screw-nut may revolve on the screw-stem between the adjustable jaw and upper end of the socket C.

As a matter of economy in the construction of my mop-head, the screw-stem F and the adjustable jaw are cast together, the threads

being cast on the stem, and also in the screw-nut G.

To confine the adjustable clamp E in its proper position, lugs *c* are cast on the extremities of the jaw or clamp, projecting at different angles from the end of the jaw, so that the sides *a a*, which are made angular for that purpose, enter between the lugs *c c*, and act as guides for the adjustable jaw.

My mop-head being constructed substantially as above described, it is operated by revolving the screw-nut G, when the adjustable jaw E will clamp or unclamp the mop-cloth between it and the fixed jaw B, as the screw-nut may be turned to the right or left. The screw-stem F, entering into the socket C, not only is protected from injury by so doing, but the opening *b* of the socket also acts as a guide therefor, and tends to steady the movement of the screw-stem.

Having thus described the construction and operation of my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A mop-head constructed with an adjustable clamp, to which is affixed a screw-stem, which passes into the socket for the handle, and which has an operating-nut placed between the under side of the adjustable clamp and the upper end of the socket, substantially as and for the purpose described.

2. In a mop-head, an operating nut, working on a screw-shank, and placed between the under side of the adjustable clamp and the upper end of the socket, in combination with a socket having a perforation, into which the screw-stem enters, substantially as and for the purpose described.

HENRY H. MASON.

Witnesses:

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