

Hardison & Hooper,

Mop Holder.

No 58,817.

Patented Oct. 16, 1866.

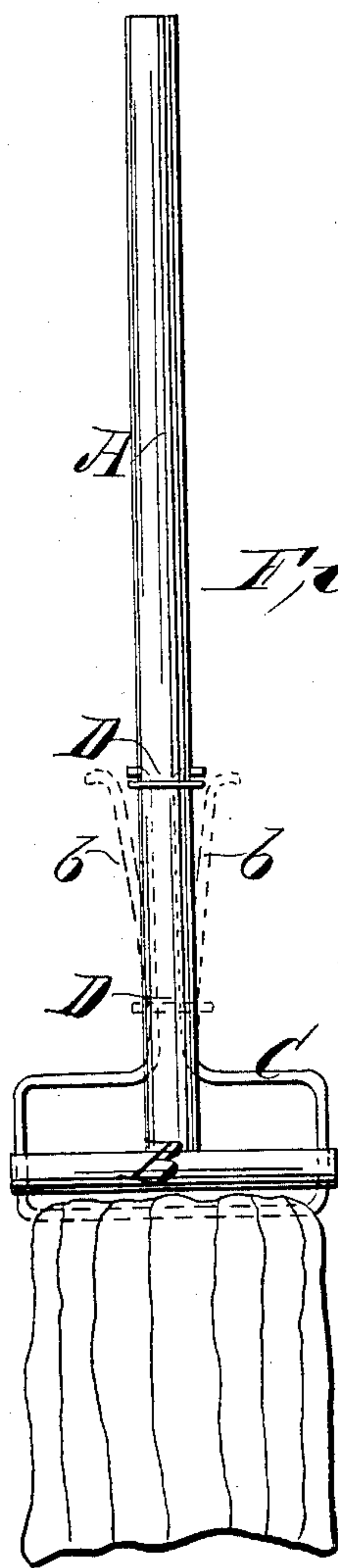


Fig: 1.

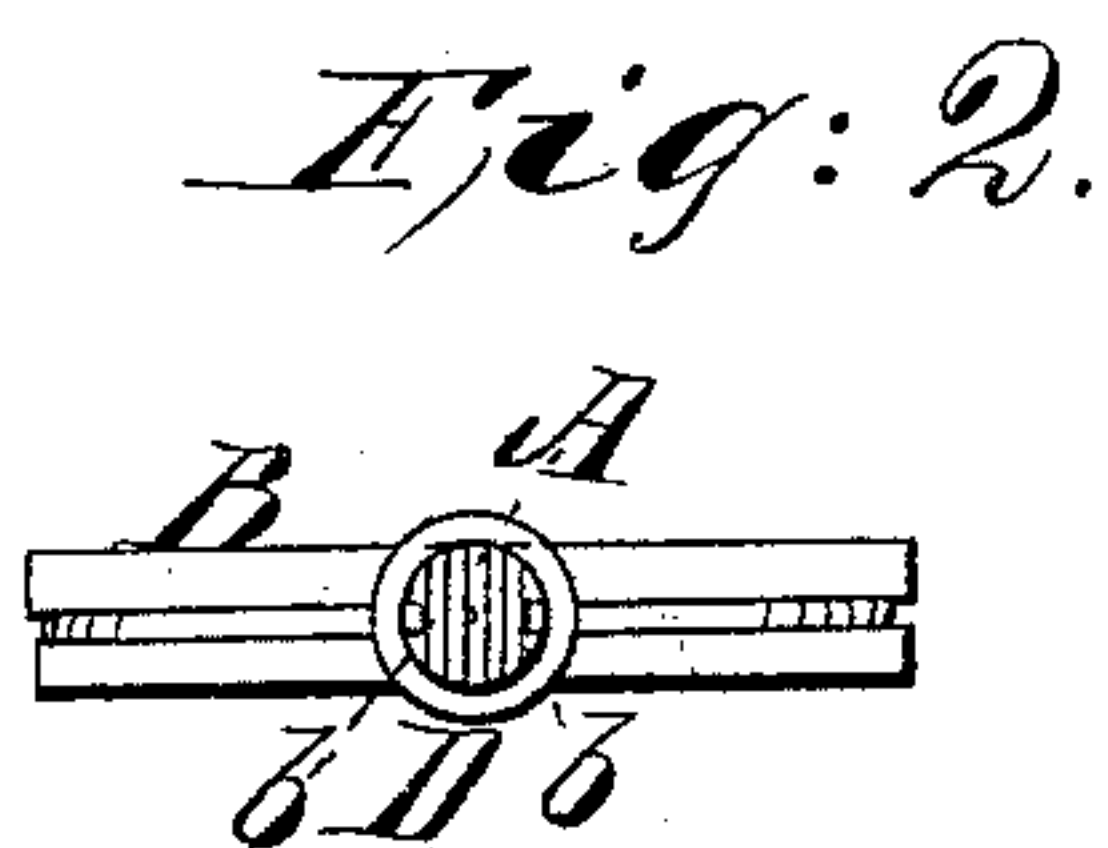


Fig: 2.

Witnesses:

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G. H. Smith

Inventors:

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J. A. Hooper

by J. H. Adams
att'y

UNITED STATES PATENT OFFICE.

FREEMAN M. HARDISON AND JOHN A. HOOPER, OF SOUTH BERWICK, ME.

IMPROVED MOP-HEAD.

Specification forming part of Letters Patent No. 58,817, dated October 16, 1866.

To all whom it may concern:

Be it known that we, FREEMAN M. HARDISON and JOHN A. HOOPER, of South Berwick, in the county of York and State of Maine, have invented a new and useful Improvement in Mops; of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents an elevation, and Fig. 2 a top view, of the cross-piece at the bottom of the handle.

The object of our invention is to construct a mop so that the cloth may be readily attached and detached, and also to adapt it to hold securely various thicknesses of cloth; and the invention consists of a sliding wire-frame with sides or ends fitting in a groove on each side of the handle, in which the said ends are secured by an adjustable ring on the mop-handle, the said wire in connection with the cross-piece serving to hold the mop-cloth.

Referring to the drawings, A represents the handle of the mop, to the lower end of which is attached the cross-piece B, having a groove in each end. C, represents a wire frame, the sides of which are fitted in the grooves in the ends of the cross-piece B, so as to slide freely therein. The ends of the wire frame C project upward and are fitted in grooves in the sides of the handle, in which they are retained, as shown by the dotted lines, by means of a ring, D.

The ends of the wire are caused to spring outward when not confined by the ring D at their upper ends; and when the ring is near the lower part of the sides the wire frame may be moved freely up and down, and the cloth may be inserted of such thickness as

may be desired, and, when inserted, the wire is drawn up and clamped by the ring at any point, where it is firmly held. The upper ends of the wire are turned outward to prevent the ring from slipping off. By fitting the sides of the wire in grooves in the ends of the cross-piece considerable pressure may be exerted upon the cloth without danger of loosening or displacing it.

When the cloth is to be secured to the mop-handle the ring D is moved toward the bottom of the handle, which allows the upper ends *b* of the wire to spring out, and the frame is then easily moved downward, and the cloth of any desired thickness is properly inserted. The wire frame is then slid upward, its lower part pressing the cloth against the bottom of the cross-piece B. The ring D is then moved upward, pressing the upper ends of the wire into the groove, where they are firmly held in place.

The under side of the mop-head B may be provided with pins or projections, if necessary, to prevent the cloth from slipping.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination of the movable wire frame C with the sliding ring D and grooved handle A, when constructed and operating as and for the purpose specified.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

FREEMAN M. HARDISON.

JOHN A. HOOPER.

Witnesses:

G. C. YEATON,

FRANCOIS RAYNER.