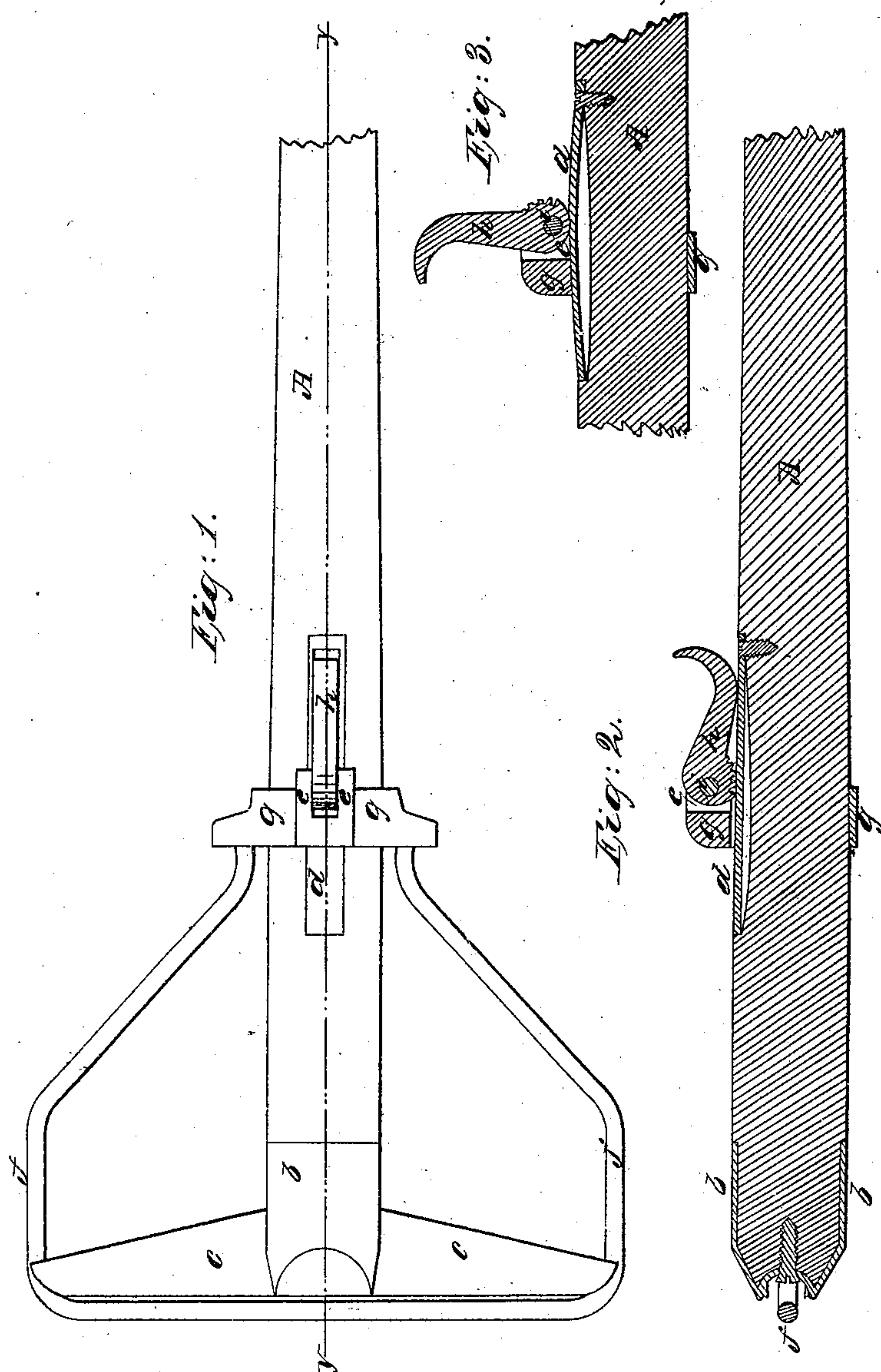


H. THOMPSON & R. Q. TUSON.
MOP HEAD.

No. 15,352.

Patented July 15, 1856.



UNITED STATES PATENT OFFICE.

HIRAM THOMPSON AND RICHD. Q. TUSON, OF LEBANON, NEW HAMPSHIRE.

MOP-HEAD.

Specification of Letters Patent No. 15,352, dated July 15, 1856.

To all whom it may concern:

Be it known that we, HIRAM THOMPSON and RICHARD Q. TUSON, of Lebanon, in the county of Grafton and State of New Hampshire, have invented a new and useful Improvement in Mop-Heads; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification.

Figure 1, of the accompanying drawings is a top view of our improved mop-head, and Fig. 2, a section in the line *y, y*, of Fig. 1, representing the respective parts thereof in the position for holding the mop yarns, or cloths, firmly within the head; and Fig. 3, is a section, representing the fastening cam-lever *h*, as being thrown upward into such a position as to relieve the binder *f*, and allow it to be moved outward or inward.

A cast-iron head, composed of a socket *b*, and oppositely projecting arms *c, c*, all cast in one piece, is secured to the end of the handle *A*. The groove in the outer face of said cast-iron head, curves upward at the outer extremities thereof, and thereby forms guiding recesses at the outer extremities of the arms *c, c*, of said head, for the stirrup-shaped binder *f*. The ends of the binder *f*, are cast into, or otherwise combined with, the ring *g*, which slides upon the handle *A*. Ears *e, e*, project outward from an offset on the front side of the binder-ring *g*, and embrace between them the cam-lever *h*, which is combined therewith by means of the joint-pin *i*.

In the front side of that portion of the handle *A*, upon which the binder-ring *g*, slides, a mortise is formed, and in said mortise an outwardly curving spring *d*, is placed and secured in any suitable manner. The mop yarns, or cloths, are securely confined to the mop-head by forcing inward the binder *f*, and turning the cam-lever *h*, into the position shown in Fig. 2. The outward action of the spring *d*, against the milled, or toothed, surface of the cam-portion of the cam-lever *h*, will render it impossible to move the binder *f*, without throwing outward the said lever. The combined action of the said spring *d*, and the cam-lever *h*, for securely retaining the binder *f*, in any desired position, is the essential and valuable feature of our improved mop-head.

Having thus fully described our improved mop-head, what we claim therein as our invention and desire to secure by Letters Patent, is—

Firmly securing the binder *f*, in any desired position, by the joint action of the cam-lever *h*, and the spring *d*, when the former is combined with the binder ring, and the latter is combined with the mop-handle, substantially as herein set forth.

HIRAM THOMPSON.
RICHARD Q. TUSON.

Witnesses:

A. H. CRAGIE,
C. N. ELA.