E. D. Murphy,

Mop Holder.

No. 39,305. Patented July 21, 1863.

Fig: 1.

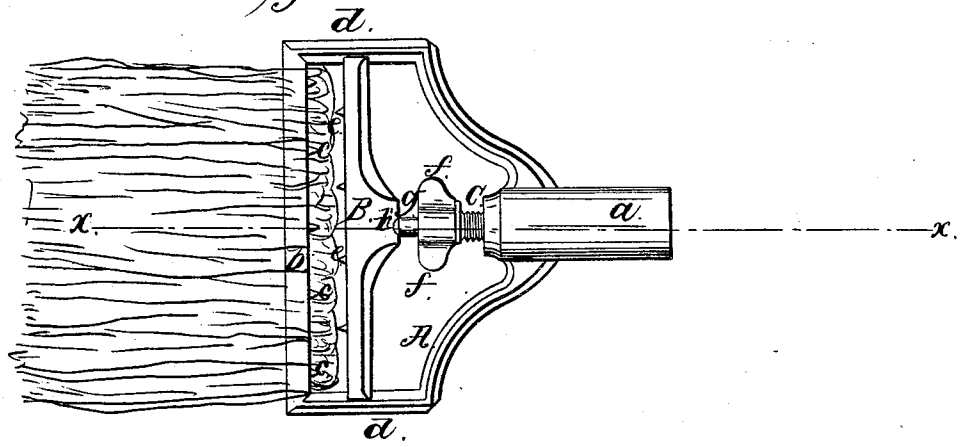
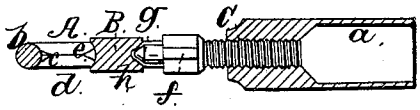


Fig: 2.



Witnesses:
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Charles A. Fiske

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UNITED STATES PATENT OFFICE.

E. D. MURPHY, OF CLAREMONT, NEW HAMPSHIRE.

IMPROVED MOP-HEAD.

Specification forming part of Letters Patent No. **39,305**, dated July 21, 1863.

To all whom it may concern:

Be it known that I, E. D. MURPHY, of Claremont, in the county of Sullivan and State of New Hampshire, have invented a new and Improved Mop-Head; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a plan or top view of my invention. Fig. 2 is a longitudinal vertical section of the same, the plane of section being indicated by the line *x x*, Fig. 1.

Similar letters of reference in both views indicate corresponding parts.

This invention consists in a mop head provided with points in the cross-bar of the head and in the follower, and with a screw for operating the follower, said screw being made to step with its semicircular foot into a semi-spherical socket in such manner that it allows the follower to adjust itself, if more rag is on one side than on the other.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation with reference to the drawings.

My mop-head consists of a frame, A, made of wood or metal in the ordinary shape of mop heads, and it is provided with a socket, *a*, to receive the handle. The lower cross-bar, *b*, of the frame A is provided on its inner side with points *c*, and the sides *d* form the guides for the follower B. This follower is provided on its under side with points *e*, fitting between the points *c* on the cross-bar *b*. Between these points the rag or yarn is clamped, and said points retain the rag in the corners and prevent it shifting in either direction. The follower B is forced down toward the cross-bar *b* by means of a screw, C, which is provided with two wings, *f*, by means of which it can be turned in either direction. This screw is tapped into the inner end of the socket *a*, the outer end of which is bored out to receive the handle of the mop-head. The foot *g* of this screw is made semicircular, and it is stepped into a semi spherical recess, *h*, in the upper or inner edge of the follower. By turning the screw C so that it screws up into the socket *a*, the follower is allowed to move up away from the cross-bar *b*, and the rag or yarns can be introduced. After this has been accomplished, and when the rag is fastened on the points *c*, projecting from the cross-bar *b*, the follower is forced down by means of the screw C, and in case more rag should be on one side than on the other the semi-spherical socket or recess *h* will permit the follower to adjust itself, and the rag is firmly retained all the way across. The points *c* prevent it from drawing away from the corners, and if the follower is forced down by means of the screw C the rag is firmly clamped between the points *c* on the cross bar *b* and the points *e* on the follower.

This mop-head is firm in its construction, it can be made cheap, it is durable, and all its parts are so arranged that they cannot easily get out of order.

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

A mop-head having in combination a frame, A, with socket *a*, screw C, with semicircular foot *g*, fitting in a semi-spherical step, *h*, in follower B, which is provided with points *e*, and a cross-bar, *b*, with points *c*, all as shown and described.

E. D. MURPHY.

Witnesses:

ALEXANDER GARDINER,

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