A. J. EAN.

MOP HOLDER.

APPLICATION FILED AUG. 23, 1910.

979,834.

Patented Dec. 27, 1910.

Fig. 1.

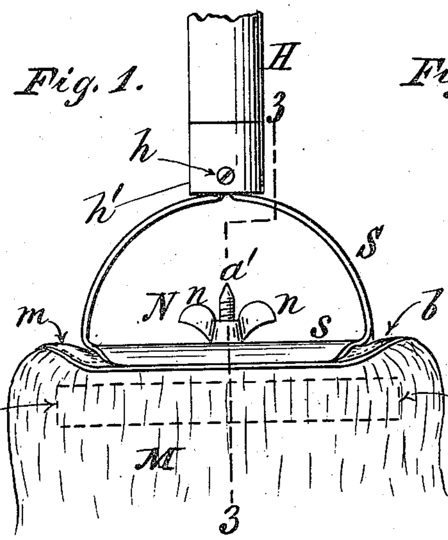


Fig. 5.

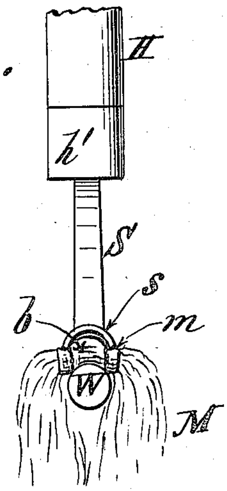


Fig. 2.

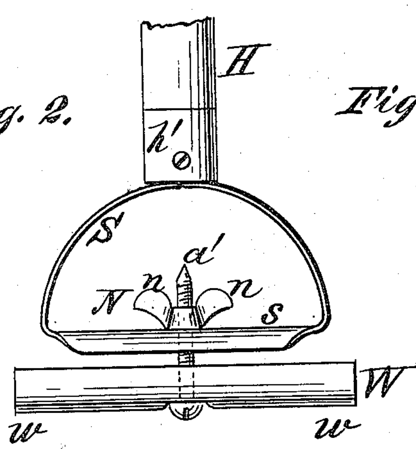


Fig. 3.

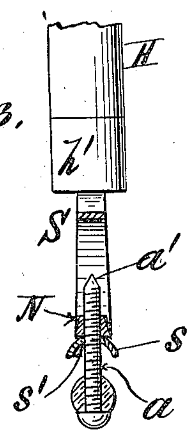
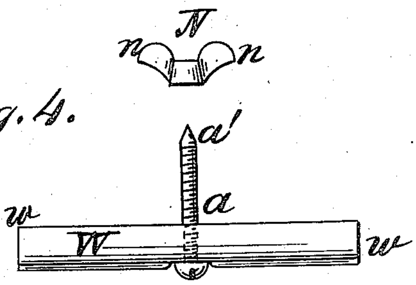


Fig. 4.



Witnesses:

Lillia Miatt

Ben Bay

Inventor:

Albert J. Ean

By his Attorney

Geo. Williatt

UNITED STATES PATENT OFFICE.

ALBERT J. EAN, OF NEW YORK, N. Y.

MOP-HOLDER.

979,834. Specification of Letters Patent. Patented Dec. 27, 1910.

Application filed August 23, 1910. Serial No. 578,505.

To all whom it may concern:

Be it known that I, ALBERT J. EAN, a citizen of the United States, residing in the borough of Manhattan, in the city, county, and State of New York, have invented certain new and useful Improvements in Mop-Holders, of which the following is a specification.

The object of my invention is primarily to afford a mop head or holder which will prevent contact of the metal with furniture, skirting boards, and extraneous objects generally, thereby obviating the scratching or disfigurement of the surfaces of such objects; and secondarily, to provide a simple, cheap, convenient and effective holder for the mop material.

The invention consists in the construction and arrangement of parts herein described and claimed specifically, a distinguishing feature being the making of the movable clamping member in the form of a wooden bar of greater length than the width of the metallic stirrup, so as to protrude on either side thereof, that the ends may act as side fenders, especially when covered by the mop material,—the wooden clamping bar carrying a central clamping screw engaging with a tightening nut bearing against the upper side of the stationary clamping member consisting of the cross bar of the metallic stirrup attached to the handle, as herein set forth.

In the accompanying drawings, Figure 1, is an elevation of my improved mop holder, showing the bight of the mop clamped thereto; Fig. 2, is a similar view without the mop material; Fig. 3, is a sectional elevation taken upon plane of line 3—3, Fig. 1; Fig. 4, is a view of the movable wooden clamping member detached; Fig. 5, is a side elevation of Fig. 1.

The metallic stirrup S, is formed of a single piece of metal the ends of which are brought together and inserted in the lower end of the handle H, where they are secured by a screw wedge *h*, passing through the ferrule *h'*, and between the ends of the stirrup.

The central portion of the cross bar *s*, of the stirrup S, constitutes the fixed member of the clamp, is relatively broader than the side members of the stirrup, and is concavo-convex in cross section, the under or outer side forming a concave bearing surface for the bight *b*, of the mop M, the material of which is held together centrally by a band *m*, stitched to and around the material,—said band *m*, in practice corresponding to and constituting the bight *b*, of the mop when in position on the holder.

The term "on the holder" is used for the reason that the mop is not, strictly speaking, inserted in the holder as in other mop holders. That is to say the mop material is not inserted into and through a metallic frame or holder between the side members thereof as in mops heretofore used, but in practice is simply passed over the detached wooden clamping member W, the clamping screw *a*, passing through a hole made for the purpose in the center of the bight band *m*. Thus when the said clamping screw *a*, is inserted through the hole *s'*, formed for its reception in the fixed clamping member *s*, or cross bar of the stirrup, and secured by the clamping nut N, it will be noted that the bight *b*, of the mop is secured against, but not in, the metallic head or frame constituted in this case by the stirrup S. Furthermore the ends of the bight *b*, of the mop extend beyond the fixed metallic clamping member S, on both sides thereof,—and may even be made to extend beyond the ends of the movable wooden clamping member W, if so desired, in which case the overlap, owing to the protruding ends of the wooden bar, act as soft buffers for contact with extraneous objects.

The wooden clamping member W, is preferably cylindrical in cross section, consisting of a section of turned wooden rod of greater length than the width of the stirrup S, and hence of greater length than the fixed metallic clamping member *s*.

Screwing into and through the center of this cylindrical wooden clamping member W, is the clamping screw *a*, formed preferably with a conical point *a'*, to facilitate insertion through the bight *b*, of the mop, through the hole *s'*, in the fixed metallic clamping member S, and into engagement with the clamping nut N, which is formed with finger bearings *n*, *n*, to facilitate manipulation.

The length of the wooden clamping member W, will obviously govern the protrusion of its ends *w*, *w*, beyond the metallic stirrup S, to act as fenders to prevent the contact of the metal with extraneous surfaces, and this extent of protrusion may be varied more or

less as found most expedient by the use of detachable wooden clamping members of different lengths as may be found expedient, although a relatively slight extent of protrusion is ordinarily sufficient, especially when covered by the overlap of the mop material, to answer the purpose and prevent damage of surface by avoiding contact with the metal.

The mop and wooden clamping member are prevented from turning on the clamping screw *a*, as a pivot, and are held in alinement by the concave surface of the fixed clamping member *s*, which is approximately semi-circular in cross section so as to pinch the mop when the latter is clamped in position as indicated in Fig. 3. By my construction also the mop may readily be introduced into corners, around partitions, walls, steps and other places that would otherwise be inaccessible. Furthermore, mop material, of various sizes may be accommodated in the holder thus constructed, there being no limitation as to width.

The device is simple, cheap and effective, and may safely be used where surfaces are to be protected against contact with metal.

What I claim as my invention and desire to secure by Letters Patent is,

A mop holder comprising a handle, a metallic stirrup attached thereto, formed with a cross member constituting the fixed clamping member, said fixed clamping member being concavo-convex in cross section to form a concave bearing surface for the bight of the mop, and being formed with a central hole for the admission of a clamping screw, a movable wooden clamping member of a greater length than the length of the fixed metallic clamping member and of greater length than the width of the stirrup, a clamping screw projecting through the center of said movable wooden member, and a clamping nut for engaging said clamping screw and bearing against the fixed metallic member, whereby the protruding ends of the movable wooden clamping member perform the function of fenders to prevent contact with the metal, substantially as set forth.

ALBERT J. EAN.

Witnesses:
JOHN A. OLSEN,
JOHN MCKEON.