

MOP HOLDER.

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Patented Sept. 10, 1912.

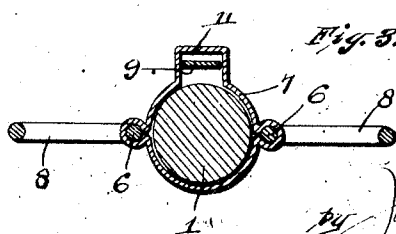
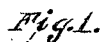


Fig. 3.

Witnesses:

A. A. Olson.

B. G. Richards

Inventor:
Henry F. Condon

By Richard H. Ross
his Attorney.

UNITED STATES PATENT OFFICE.

HENRY F. CONDON, OF DE KALB, ILLINOIS.

MOP-HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY F. CONDON, a citizen of the United States, residing at the city of De Kalb, county of Dekalb, and State of Illinois, have invented certain new and useful Improvements in Mop-Holders, of which the following is a specification.

My invention relates to improvements in mop holders and has for its object the production of a device of this character which will be of improved construction and efficient in operation.

Other objects will appear hereinafter.

With these objects in view, my invention consists in the combinations and arrangements of parts hereinafter described and claimed.

My invention will be best understood by reference to the accompanying drawing forming a part of this specification and in which,

Figure 1 is a front elevation of a mop holder embodying my invention, the lower end portion of the handle being broken away, Fig. 2 is a substantially central longitudinal section of the holder, and, Fig. 3 is a transverse section taken on substantially line *x-x* of Fig. 1.

The preferred form of construction as illustrated in the drawing comprises a handle 1 preferably cylindrical in form as shown. Arranged at one end of the handle 1 is a cross-piece 2 formed preferably of a single piece of wire the ends of which are bent back and projected outwardly for insertion into the end of said handle as clearly shown. A ferrule 3 is preferably provided at said end of said handle in order to reinforce the same. The cross-piece 2 in operation is adapted to constitute a stationary clamping member, the same being formed at its respective ends with loops or eyes 4.

The movable clamping member which co-operates with the cross-piece 2 is substantially U-shaped comprising a central portion 5, which is co-extensive in length with the cross-piece 2 and the side portions 6 which slidably engage the loops 4, the construction being such that movement of said movable clamping member is permitted in a direction longitudinally of the handle 1 so as to move the portion 5 toward or from the cross-piece 2. The portions of the side members 6 of the movable clamping member engaged by the eyes 4 necessarily extend parallel with each other, the lower or outer

end portions thereof being bent inwardly toward the band 7 which is slidably mounted upon the handle 1. Said end portions 6 are securely embraced by the band 7 at the opposite sides thereof as clearly shown in Fig. 3. The end portions 6 terminate as shown in loops or rings 8 disposed at the opposite sides of the handle for engagement by the fingers if desired in operating the movable clamping member, said loops 8 at the same time lending neatness to the design of the holder.

Arranged at the end of the handle 1 is a leaf spring 9 one end of which is securely fastened under the ferrule 3 by means of a rivet 10. The outer free end portion of the spring 9 engages under the band 7, the latter being provided with a rectangularly formed outwardly off-set portion 11 in order to accommodate said end of said spring. Said spring is provided adjacent the outer extremity thereof with a plurality of spaced outwardly projecting stops or teeth 12 which are preferably punched therefrom as shown so that the upper sides thereof will be inclined. The stops 12 are adapted to engage with the edge 13 of the band 7, said edge being bent inwardly as shown for engagement with said stops. With this arrangement it will be seen that provision is made for holding the movable clamping member in various positions of clamping relation with the cross piece 2, or in other words provision is made for the accommodation of mops of different thicknesses, it being clear that when the edge 13 is in engagement with the uppermost of the stops 12 the portion 5 of the movable clamping member will be spaced a considerable distance from the cross-piece 2 in order to accommodate a mop of considerable thickness, and when said edge 13 is in engagement with the lowermost of said stops said portion 5 will be positioned in close proximity with the cross-piece 2 to accommodate a mop which is very thin. The spring 9 is of such a length as to project beyond the lower extremity of the band 7 so that when it is desired to release the movable clamping member said spring may be engaged and depressed to dis-engage the stops 12 from the edge 13. Adjacent its secured end said spring is provided with an outwardly off-set portion 14, this off-set being provided for engagement with the edge 13 so that when the band is moved toward the cross piece

said edge will depress said portion and hence the entire free end of the spring to hold the same in close proximity with the handle and thereby lessen the liability of said end of said spring being accidentally caught and bent out of position.

A mop holder of the construction set forth is durable and economical; and the same is so constructed as to be adapted to be readily and expeditiously manipulated. Further, the holder is adapted to securely hold a mop which is clamped therein and the same is so constructed as to not be susceptible to readily becoming inoperative.

While I have illustrated and described the preferred construction for carrying my invention into effect, this is capable of variation or modification without departing from the spirit of the invention. I therefore do not wish to be limited to the exact details of construction set forth but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

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

In a mop holder, a handle; a cross piece

secured to one end of said handle; a substantially U-shaped clamping member slidably mounted upon said cross-piece for co-operation therewith; a band slidably mounted upon said handle and securely connected with the ends of said movable clamping member; a leaf spring having one end rigidly secured to said handle and having its free end normally pressing upwardly against the inner side of said band; a plurality of stops on said spring adapted to engage said band for locking said movable clamping member in various positions of clamping relation with said cross piece, said spring adjacent the free end thereof being provided with an outwardly offset portion adapted for engagement by said band for maintaining the free end of said spring in close proximity with said handle when the band is moved toward the cross piece, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY F. CONDON.

Witnesses:

HELEN F. LILLIS,
JOSHUA R. H. POTTS.