

(Model.)

H. W. WHITE.
MOP HOLDER.

No. 469,309.

Patented Feb. 23, 1892.

Fig. 1.

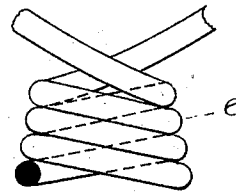
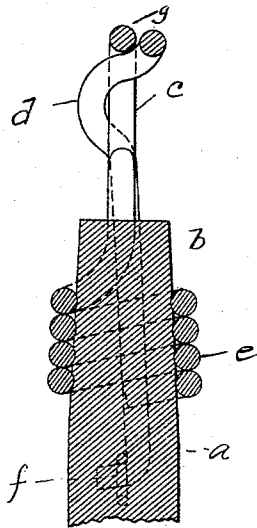


Fig. 2.

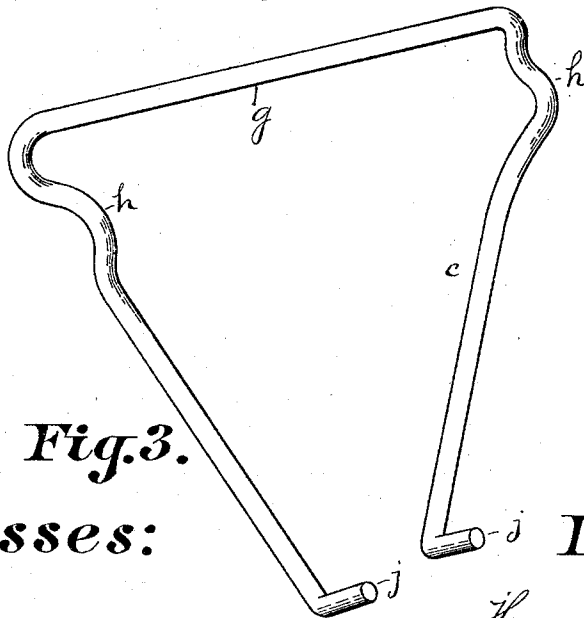


Fig. 3.

Witnesses:

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UNITED STATES PATENT OFFICE.

HENRY W. WHITE, OF AUBURN, MAINE.

MOP-HOLDER.

SPECIFICATION forming part of Letters Patent No. 469,309, dated February 23, 1892.

Application filed March 11, 1891. Serial No. 384,551. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. WHITE, of Auburn, in the county of Androscoggin and State of Maine, have invented certain new and useful Improvements in Mop-Holders; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in mop-holders, and particularly to the manner of attaching the holder to the handle, to the manner of constructing the holder, and to a detachable clamp to be used to hold the mop to the holder.

In the drawings herewith accompanying and making a part of this application, Figure 1 is a central longitudinal section through handle, holder, and clamp when all are in position. Fig. 2 is a detail view showing the coiled ends of the holder. Fig. 3 is a detail view of the clamp.

The same letters refer to like parts.

In said drawings, *a* represents the handle, having a tapering end *b*, *c* the holder, and *d* the clamp. The holder consists of a single piece of metal bent at the center into proper shape to hold the mop and having its two ends coiled together into a coil *e*, having a gradually-increasing diameter. The tapering end of the handle is forced through the hole in said coil until the coil binds the wood closely, each loop of the coil sinking somewhat into the wood as the coil is turned onto the end of the handle. Once in position there is no danger of the holder being pulled from the handle. It cannot be pulled straight off, because the wire has sunk into the wood; but, what is of more importance, it cannot be turned off by turning it in the direction contrary to that by which it was turned on, because when force is applied to turn it off the loops are thereby made to hug the wood the closer, the holder being of spring metal.

Again, if the wood shrinks the coil also contracts, and hence never becomes loose. No bolts, nails, or screws are necessary. The end of the handle has inserted therein on each side a staple *f*. The clamp has the straight jaw part *g*, adapted to strike against the outer end of the holder, and a bend or set-off *h h*, adapted to receive the inner end of the holder, and the turned-up ends *j j*, adapted to engage in said staples *f* and to be held in position thereby. The mop is to be inserted and held between the jaw of the clamp and the outer end of the holder. The holder is made of spring metal and bends sufficiently to accommodate mops of different thicknesses. To put the mop in position, first place the mop through the holder and draw it down close to the outer end. Then insert the ends of the clamp through the holder until the jaw presses against the mop and the bend therein comes opposite the inner end of the holder. Then spring the bent ends *j j* into the staples *f*, as shown in dotted lines in Fig. 1.

The advantages of my improved mop-holder consist in its lightness, durability, the small number of parts, its cheapness, and the impossibility of the holder getting loose on the handle.

Having thus described my invention and its use, what I claim, and desire to secure by Letters Patent of the United States, is—

In a mop-holder, the combination, with a handle having a tapering end, of a holder formed of a single piece of metal having its middle bent to form a jaw and its two ends twisted together to form a coil of gradually-increasing diameter and adapted to be forced upon the tapering end of the handle, and a suitable clamping-jaw, substantially as and for the purposes set forth.

In testimony that I claim the foregoing as my own I affix my signature, in presence of two witnesses, this 14th day of January, A. D. 1891.

HENRY W. WHITE.

Witnesses:

ELGIN C. VERRILL,
NATHAN CLIFFORD.