P. J. GLANCEY.

COMBINED MOP AND SCRUBBING BRUSH HOLDER.

APPLICATION FILED AUG. 18, 1910.

981,756.

Patented Jan. 17, 1911.

2 SHEETS—SHEET 1.

18 1

FIG. 1

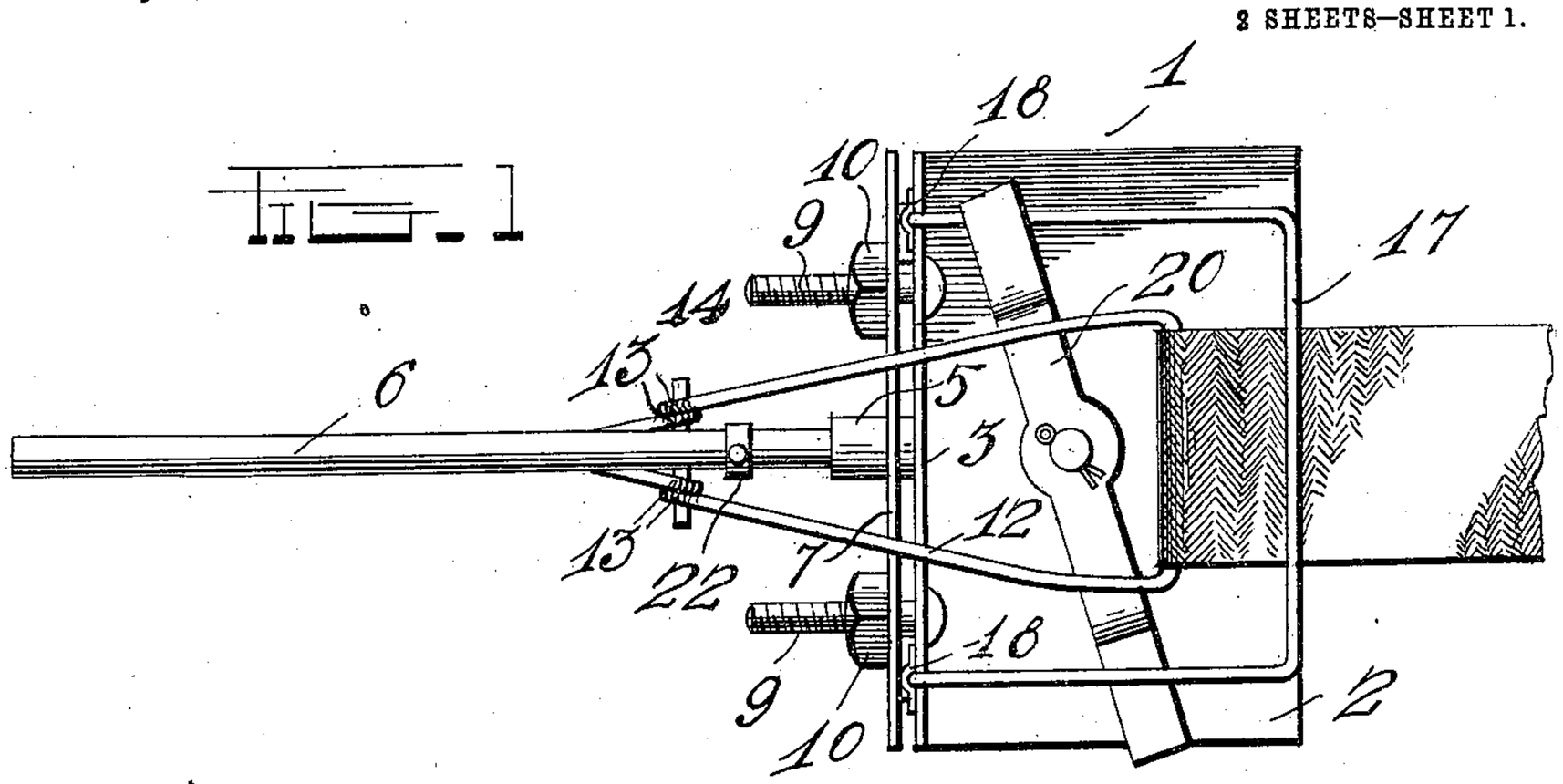


FIG. 2

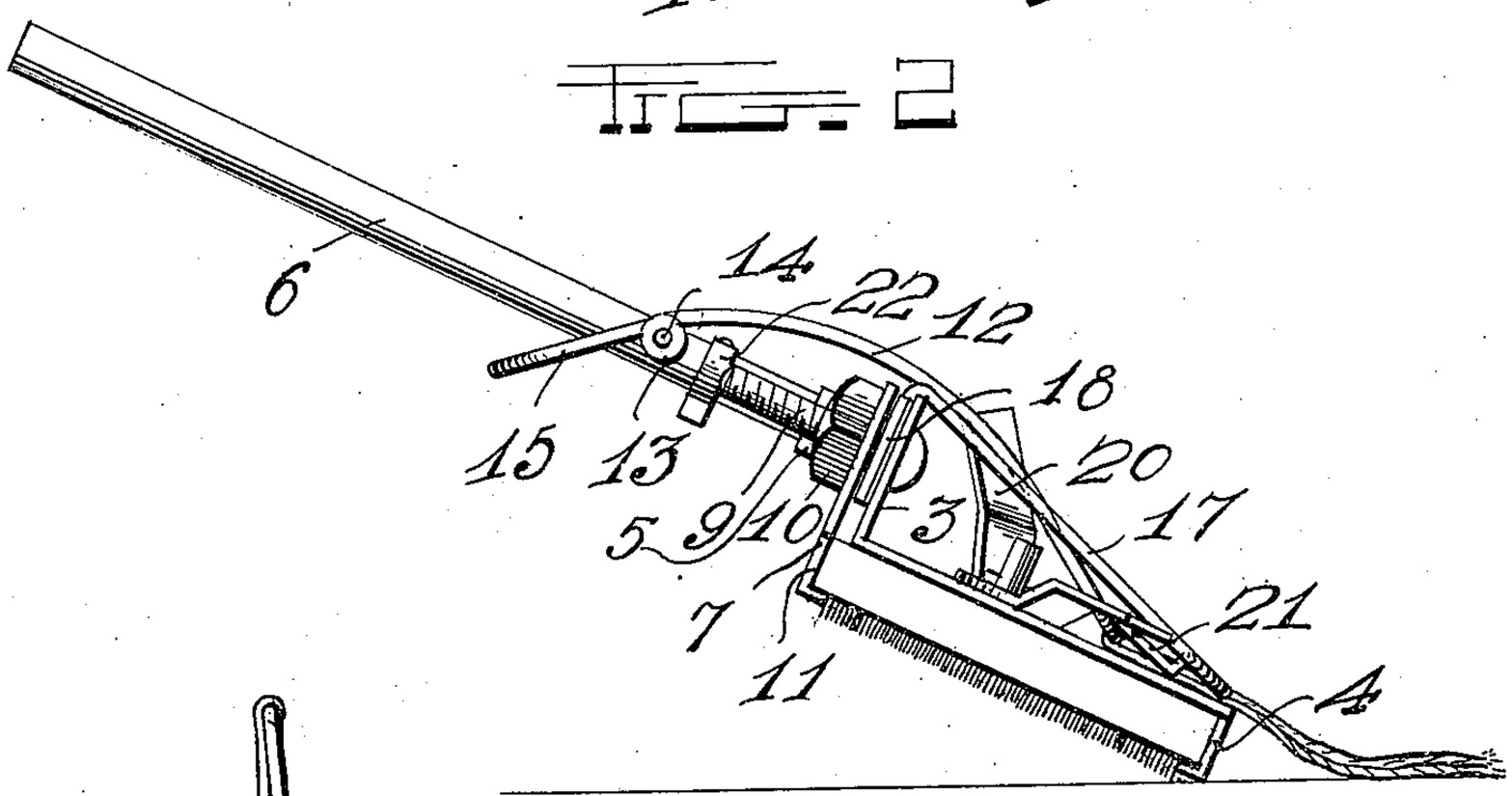
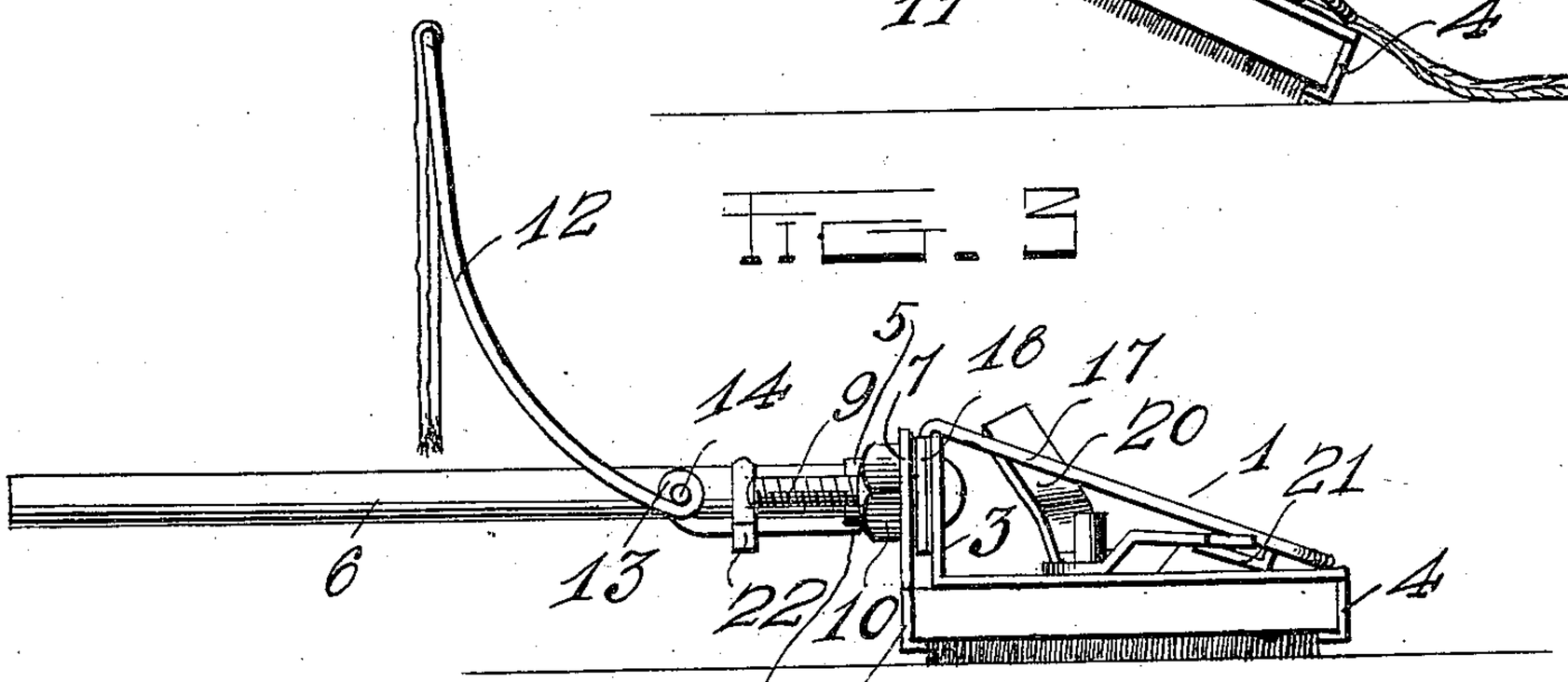


FIG. 3



15 11

Witnesses

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FIG. 4

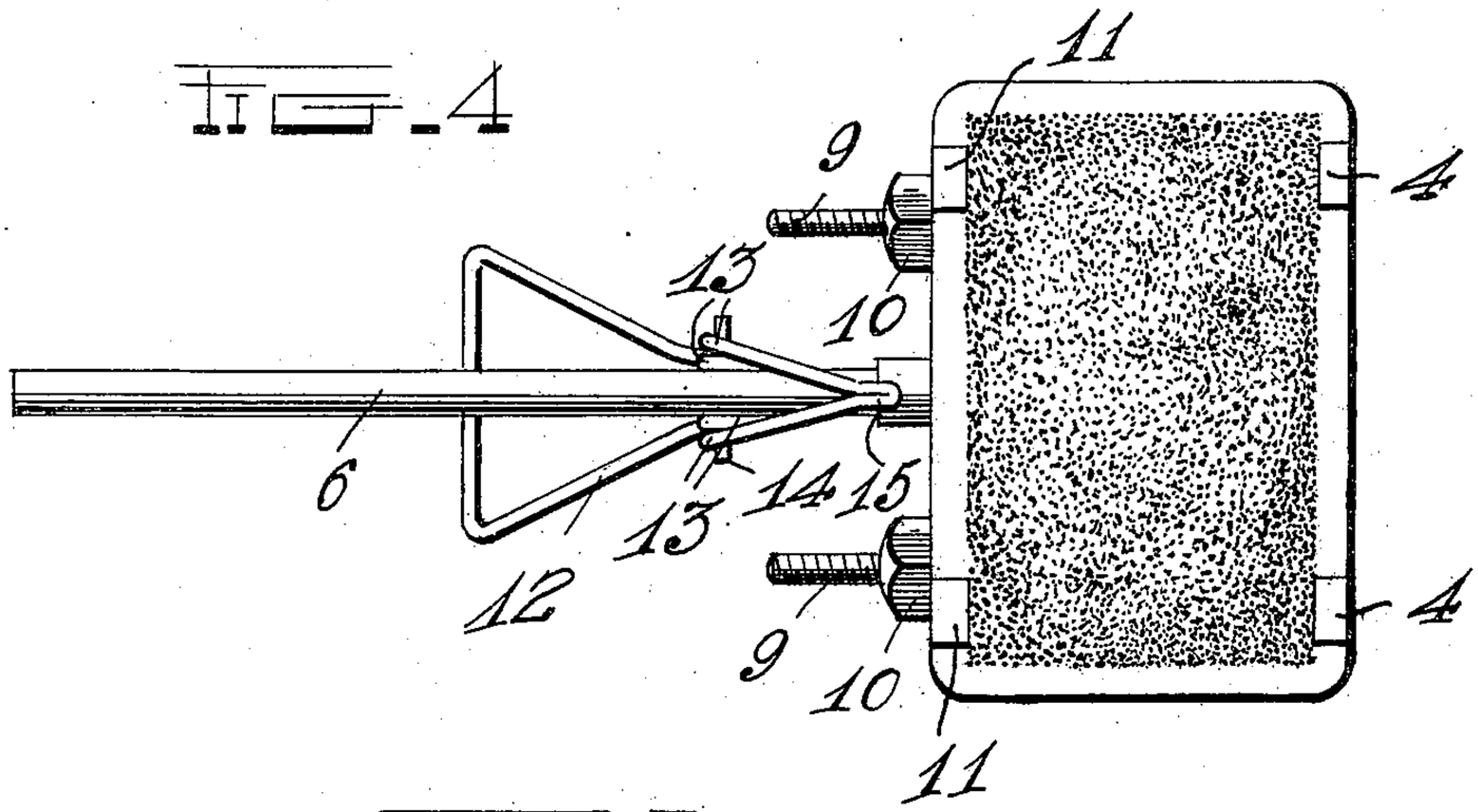


FIG. 5

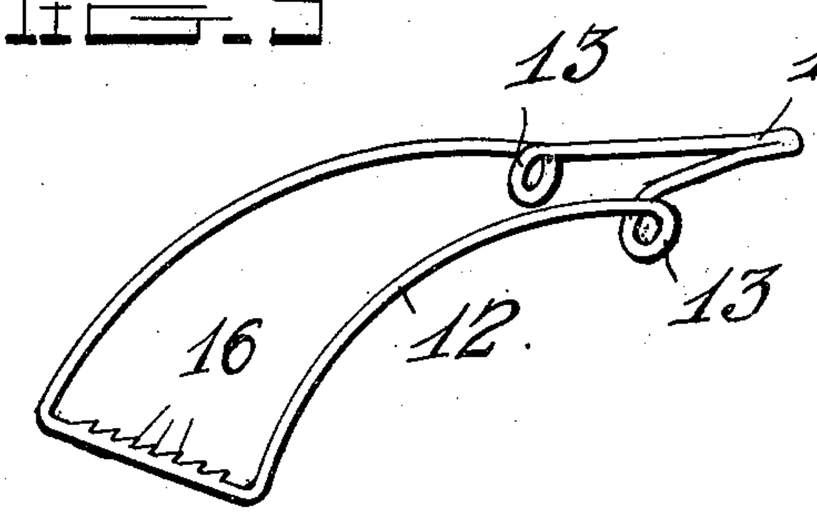


FIG. 6

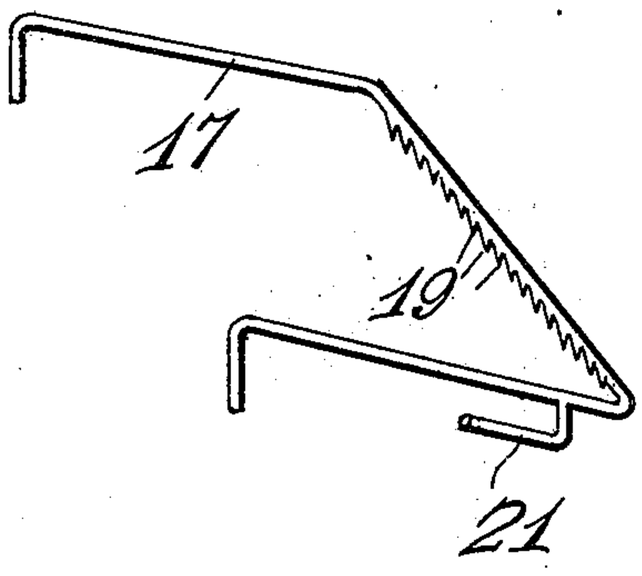
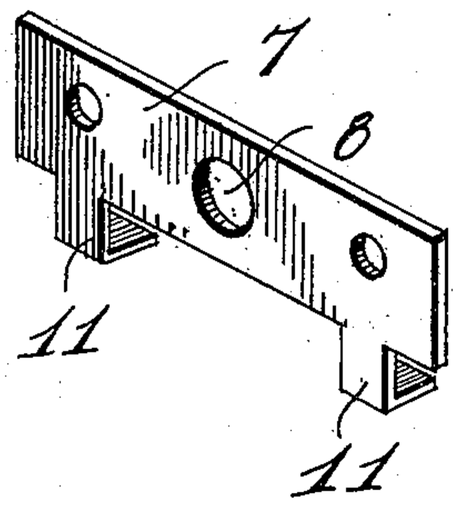


FIG. 7



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PATRICK J. GLANCEY, OF SCRANTON, PENNSYLVANIA.

COMBINED MOP AND SCRUBBING-BRUSH HOLDER.

981,756. Specification of Letters Patent. **Patented Jan. 17, 1911.**

Application filed August 18, 1910. Serial No. 577,771.

To all whom it may concern:

Be it known that I, PATRICK J. GLANCEY, a citizen of the United States, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Combined Mop and Scrubbing-Brush Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in combined mop and scrubbing brush holders.

One object of the invention is to provide a holder of this character having means whereby a mop may be firmly held in position while in use and secured in an out of the way position when not in use and which is provided with means for detachably securing a scrubbing brush in position for use.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings: Figure 1 is a plan view of my improved holder showing the mop in position for use; Fig. 2 is a side view of the same; Fig. 3 is a similar view showing the scrubbing brush secured in position for use and the mop fastened back to an out of the way position; Fig. 4 is a bottom plan view of the holder with the scrubbing brush in position as shown in Fig. 3; Fig. 5 is a detail perspective view of the mop holding frame and operating lever; Fig. 6 is a similar view of the clamp for holding the mop in operative position; Fig. 7 is a detail perspective view of the detachable clamping member for the scrubbing brush.

Referring more particularly to the drawings, 1 denotes my improved holder which comprises a main supporting plate 2 having on its rear edge a right angular upwardly projecting flange 3 and on its forward edge a pair of downwardly projecting rearwardly bent brush engaging lugs 4, which form the stationary members of the scrubbing brush holding mechanism. On the flange 3 of the plate 2 is arranged a centrally disposed handle receiving socket 5 with which is adapted to be engaged the mop handle 6.

Secured to the flange 3 on the supporting plate 2 is the detachable member 7 of the scrubbing brush clamping mechanism, said member comprising a plate corresponding substantially to the size and shape of the flange 3 and having formed therein midway between its ends an aperture 8 to receive the handle socket 5 of the flange 3. The plate is also provided with bolt holes which correspond with bolt holes formed in the flange 3 and through the alined bolt holes in said plate and flange are inserted clamping bolts 9 having on their outer ends clamping nuts 10. On the lower edge of the clamping member 7 are formed downwardly projecting brush engaging lugs 11 having forwardly bent lower ends which are adapted to engage the back of the brush. The lugs 11 coact with the lugs 4 on the forward edge of the supporting plate 2 to securely grip the brush and thereby hold the same in operative position beneath the plate 2. By adjusting the nuts 10, on the clamping bolts 9 the brush clamping member 7 may be adjusted to permit the fastening of brushes of different width.

In connection with the brush holding mechanism I provide a mop holding attachment comprising a substantially bail shaped mop holding frame 12 which is disposed above the plate 2 as shown. The side bars of the frame 12 converge toward the handle 6 and said bars are provided with eyes 13 adapted to receive a pivot bolt 14 inserted through the handle 6. The ends of the side bars of the frame 12 after being bent to form the eyes 13 extend rearwardly beyond the handle and are twisted or otherwise secured together to form a lever 15 whereby the frame 12 may be swung upwardly or downwardly to inoperative and operative positions. The forward end or cross bar of the frame 12 is preferably serrated or provided with teeth 16 which prevent the mop rag from slipping around in the frame when engaged therewith.

In order to more firmly hold the mop in operative position and in engagement with the plate 2 I provide a bail shaped spring metal clamping frame 17 which is disposed above the plate 2 and has its rear ends bent downwardly at right angles and engaged with sockets 18 arranged on the rear side of the flange 3 of the plate 2 as shown. The forward end or bar of the frame 17 is adapted to engage the mop and to clamp the same down into engagement with the upper side

of the plate 2. The front end or bar of the frame is preferably provided at its lower end with a series of serrations, or teeth 19 which grip the mop and serve to more securely hold the same in place. In order to hold the frame 17 down in rigid engagement with the mop and supporting plate 2 I provide a frame holding lever 20 which is pivotally connected midway between its ends to the plate 2 by a bolt or other suitable fastening means. When the lever 20 is turned or swung around in the proper direction one end of the same will engage the upper edge of one end bar of the frame, while the opposite end of the lever will engage the lower or bottom edge of the other end bar of the frame and also enter a downwardly projecting hook 21 provided on the last mentioned end bar of the frame thereby securely clamping said frame down in operative engagement with the mop.

When the mop brush is arranged in position on the under side of the plate 2 and fastened thereto in position for use the mop holding frame 12 is swung back against the handle and secured by a suitable clip 22, thus drawing the mop back through the clamping frame 17 to an inoperative position as clearly shown in Fig. 3 of the drawing. When the mop is in use the scrubbing brush may be removed or left in position as desired.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as defined in the appended claims.

Having thus described my invention what I claim is:

1. In a holder of the character described, a supporting plate carrying a handle, a scrubbing brush attaching mechanism to detachably secure a brush to said plate, a mop holding frame pivotally mounted on said handle and adapted to hold a mop rag in position on said plate, a lever to swing said frame into and out of operative positions, a spring clip on said handle to engage said lever and secure the mop holding frame in inoperative position, and means for clamping the mop against said plate.

2. In a holder of the character described, a supporting plate carrying a handle, a scrubbing brush attaching mechanism to detachably secure a brush to said plate, a mop holding frame pivotally mounted on said handle, a resilient mop clamping frame of rectangular shape to hold the mop against said plate, one side of said mop clamping frame having an angular hook, and a lever pivotally mounted intermediate its ends on said plate and having one end engaging said hook and its other end engaging the upper edge of the other side of the mop clamping frame.

3. In a holder of the character described, a supporting plate having secured thereto a handle, a scrubbing brush attaching mechanism adapted to detachably secure a brush to said plate, a mop holding frame pivotally mounted on said handle and adapted to hold a mop rag in position over said plate, a lever to swing said frame into and out of operative positions, a clamping frame adapted to clamp the mop against said plate, a frame fastening lever adapted to be swung into engagement with said clamping frame, and a clip adapted to hold said mop frame in an inoperative position.

4. In a holder of the character described a supporting plate having on its forward edge brush engaging lugs, a brush clamping member adjustably secured to the opposite edge of said plate, said member having formed thereon brush engaging lugs adapted to coact with the stationary lugs on the forward edge of the plate to secure a scrubbing brush in position, a mop holding frame comprising a front mop receiving bar having formed thereon mop engaging teeth and rearwardly extending side bars having formed therein eyes adapted to receive a pivot bolt whereby said frame is pivotally connected to the handle of the holder, a lever formed by the extended ends of said side bars whereby said frame may be swung to an operative and inoperative position, a clip to hold the frame in an inoperative position, a mop clamping frame secured to said supporting plate, said frame having a toothed mop engaging bar adapted to hold the mop in operative engagement therewith and a pivoted frame engaging lever adapted to hold said clamping frame in rigid engagement with said mop.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

PATRICK J. GLANCEY.

Witnesses:
JOHN R. THOMAS,
CHESTER A. THOMAS.