

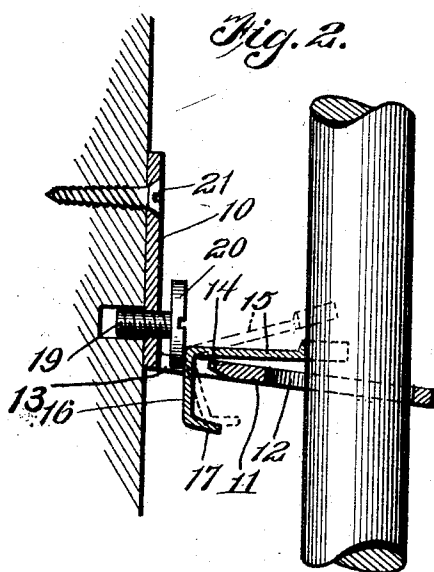
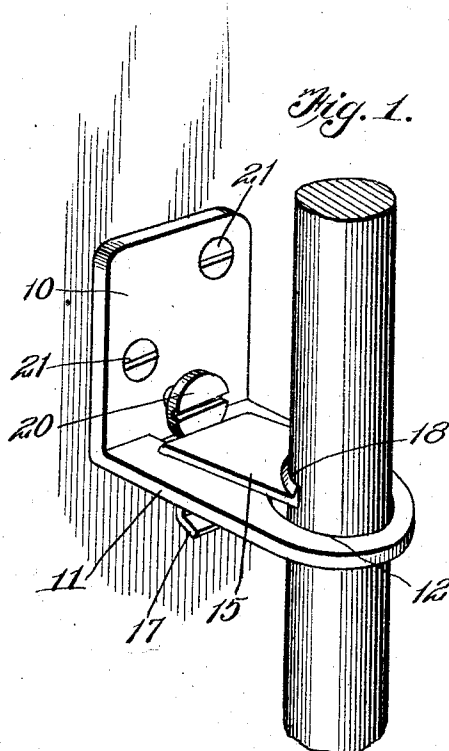
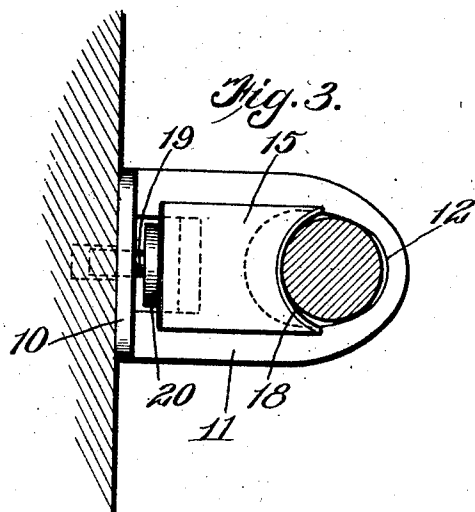
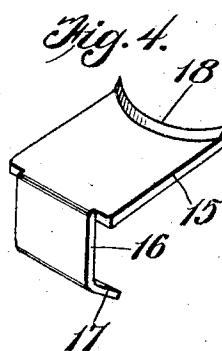
June 2, 1925.

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BROOM HOLDER

Filed April 10, 1924



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UNITED STATES PATENT OFFICE.

WENDELL P. SESSIONS, OF FOREST DALE, VERMONT.

BROOM HOLDER.

Application filed April 10, 1924. Serial No. 705,578.

To all whom it may concern:

Be it known that I, WENDELL P. SESSIONS, a citizen of the United States, residing at Forest Dale, in the county of Rutland and State of Vermont, have invented certain new and useful Improvements in Broom Holders, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to devices for holding brooms suspended by the handle so that the broom straws will not strike the floor and be bent, and the object of the invention is to provide a device of this character which is adapted to be attached to the wall and project out therefrom, which is very simple, may be cheaply made, and which will effectively engage the broom handle so as to prevent the accidental dropping of the broom toward the floor.

A further object is to provide a device of this character from which the broom may be readily disengaged whenever desired.

My invention is illustrated in the accompanying drawings, wherein:—

Figure 1 is a perspective view of a broom holder constructed in accordance with my invention;

Figure 2 is a vertical sectional view of the broom holder showing the device in applied position and showing in dotted lines the position of the latch when the latch is raised and rendered inoperative by lifting the broom;

Figure 3 is a top plan view of the holder, the broom being in section;

Figure 4 is a perspective view of the latch.

Referring to these drawings, it will be seen that the body of the broom holder consists of an angular plate, the plate being bent at right angles to provide a base 10 and an outstanding bracket 11, this bracket being formed adjacent its end with a slightly ovoid opening 12 which is larger than the cross sectional area of the ordinary broom handle. Between the aperture 12 and the base plate 10 there is formed a rectangular aperture 13, the front wall of which is downwardly beveled, as at 14, on its under side.

Coacting with the bracket 11 is a broom handle clamping member comprising a plate 15, this plate having at one end a depressed shank 16 narrower than the plate, this shank being angularly bent to form a lip 17, this

lip being slightly inclined downwardly and adapted to seat against the under face of the plate 11 if the shank be raised. The portion 15 has a length such that the concavely curved edge 18 will normally be disposed outward of the inner edge of the circular opening 12, as illustrated in Figure 2. The material at the end of the plate at this concave edge is upwardly and inwardly bent to form a slightly returned flange which will not bite into or mar the broom handle.

Disposed back of the shank 16 and extending through the base 10 is an adjusting screw 19 having a relatively large head 20 and nicked so that it may be turned by means of a screw driver, knife blade or the like. This screw, as before stated, has a relatively wide head 20 against which the back of the shank 16 rests or bears. Screws 21 pass through the base plate and engage in the wall or other surface upon which the support is mounted.

In use, this device is mounted about six feet from the floor, the upper end of the broom handle is thrust upwardly through the opening 12, and then the broom is let down a little. If the clamp 15 does not engage the broom handle, then the adjusting screw is moved either out or in until the tongue or clamping plate 15 moves down slightly under the weight of the broom and yet bears against the adjusting screw which prevents any further downward movement of the tongue or clamping member 15 while supporting the broom handle. When the adjusting screw is properly adjusted, the tongue will hold the handle, and the greater the tendency to move downward, the more tightly the broom handle will be clamped. In order to remove the broom the handle is raised an inch or so, then lowered until it comes out, pushing slightly toward the back of the opening, as this keeps the tongue or clamping plate from coming down in its clamping position, as shown in dotted lines in Figure 2.

Attention is called to the fact that the opening 12 for the handle is somewhat egg-shaped or ovoid so that when the tongue or clamping plate 15 is in clamping position, the handle of the broom will be engaged at two points on the front wall of the opening 12 and one point at the rear on the tongue. It will also be noted that the adjusting screw 20 holds the shank of the clamping member from coming out of the

slot 13, as unless the adjusting screw 20 is turned completely in, the shank cannot be forced back far enough so as to permit the angular end 17 to escape from its engagement with the beveled seat 14. With the screw turned completely in, then it is possible to disengage the clamping member from the member 11.

The object of making the plate 11 with the bevel 14 is to make the plate thin at its rear end so that when the shank comes up on inserting a broom handle, it can come up close and the part 17 will strike against the under side of the plate 11, preventing the plate 15 from going up too high and perhaps not coming down. This angular end 17 will also prevent the plate 15 and the shank thereof from being thrown out of the opening through which the shank passes when inserting a broom quickly.

I claim:—

1. A broom holder of the character described comprising a plate angular in form to provide a base and an outstanding portion, the outstanding portion having an opening to receive the handle of the broom and back of said opening being formed with a transverse slot, a clamping member disposed above the plate and approximately parallel thereto and having a depressed shank at its rear end formed with a lip, the shank being adapted to extend through said slot and lip to engage on the forward wall of the slot, and means for adjustably limiting the rearward movement of the clamping member.

2. A broom holder of the character described comprising a plate angular in form to provide a base and an outstanding portion, the outstanding portion having an opening to receive the handle of the broom and back of said opening being formed with a transverse slot, a clamping member disposed above the plate and approximately parallel thereto and having a depressed shank at its rear end formed with a lip, the shank being adapted to extend through said slot and the lip to engage on the forward wall of the slot, and a screw passing through the base plate immediately behind the shank of the clamping member and limiting its backward movement, the screw being adjustable.

3. A broom holder of the character described comprising a plate angular in form to provide a base and an outstanding portion, the outstanding portion having an opening to receive the handle of the broom and back of said opening being formed with a transverse slot, a clamping member disposed above the plate approximately parallel thereto and having a depressed shank

at its rear end formed with a lip, the shank being adapted to extend through said slot and the lip to engage on the forward wall of the slot, and means for adjustably limiting the rearward movement of the clamping member in said slot.

4. A broom holder of the character described comprising a plate angular in form to provide a base and an outstanding portion, the outstanding portion having an ovoidal opening therethrough and being formed with a transversely extending slot rearward of this opening, a clamping member extending approximately parallel to the supporting plate and having a depressed shank at its rear end inserted through said slot, the upper end of the shank being angularly bent to fit against the forward wall of the slot and have rocking engagement thereupon, the forward end of the clamping member being concavely curved to approximately fit a broom, and means mounted upon the plate for adjustably limiting the rearward movement of the clamping member.

5. A device of the character described comprising a plate angular in form to provide a base and an outstanding portion, the outstanding portion being formed with an ovoidal opening and the base rearward of said opening having a transversely extending, relatively wide slot, the forward wall of which is downwardly and forwardly beveled, an adjusting screw having a relatively large head disposed through the base, and a clamping member comprising a plate disposed approximately parallel to the outstanding portion, the rear end of this clamping member having a depressed shank and being angularly bent at its upper end to engage on said inclined seat, the shank bearing at its rear end against the head of the adjustable screw, the forward end of the clamping member being concavely curved and flanged.

6. A broom holder of the character described comprising a supporting frame having an opening for the broom handle, the frame having an opening rearward of said broom handle opening, a clamping member mounted upon the upper face of said frame and extending beyond the inner wall of said broom handle opening and having a portion extending downward through the second named opening, and an adjustable stop limiting the rearward movement of the clamping member in said second named opening and away from the forward wall of the broom handle opening.

In testimony whereof I hereunto affix my signature.

WENDELL P. SESSIONS.