Sept. 1, 1925. 1,552,252

W. E. WEBB

BROOM HOLDER

Filed Jan. 17, 1925

Fig. 1.

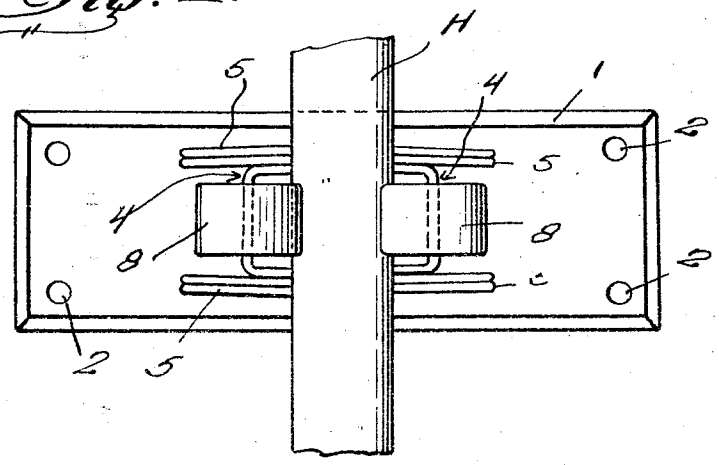
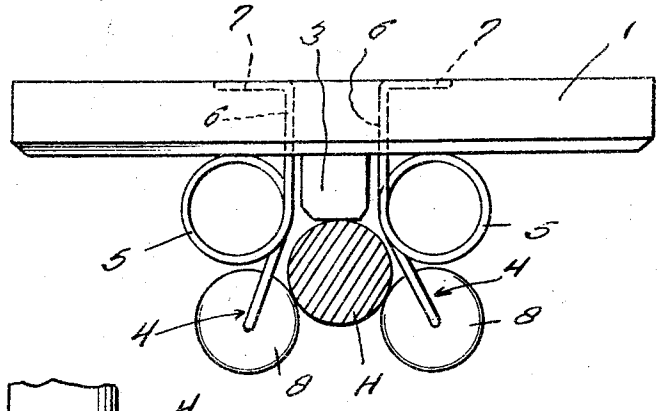


Fig. 2.



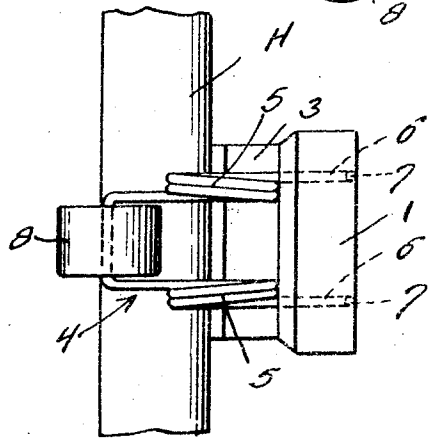


Fig. 3.

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UNITED STATES PATENT OFFICE.

WILLIAM E. WEBB, OF MOUNTAIN VIEW, ARKANSAS.

BROOM HOLDER.

Application filed January 17, 1925. Serial No. 3,145.

To all whom it may concern:

Be it known that I, WILLIAM E. WEBB, a citizen of the United States, residing at Mountain View, in the county of Stone and State of Arkansas, have invented certain new and useful Improvements in a Broom Holder, of which the following is a specification.

This invention relates to an improved device known in the art as a broom holder, the same having more particular reference to this class of invention wherein the devices embody an attaching bracket or its equivalent for connection to a support, and yieldable means for grasping and holding the handle of a broom.

It is my object to provide a device of the foregoing class which is, when compared to marketed and known patented holders, novel, structurally different, advantageous in use, and such in construction as to render it commercially successful.

The features, structural differences, and advantages derived from their use will become apparent from the following description and drawing.

In the accompanying drawing forming a part of this application and in which like numerals are employed to designate like parts throughout the same:

Figure 1 is a front elevation of a broom holder constructed in accordance with the present invention.

Figure 2 is a top plan view thereof.

Figure 3 is an end elevation.

Referring to the drawing in detail, the reference character 1 designates an attaching element which in the present instance is in the form of a wall block. As shown this block is somewhat elongated in configuration, the same being preferably composed of wood and being bored to provide attaching holes 2 for passage of appropriate fastenings (not shown). Secured to the central portion of the face of the block is a somewhat smaller block 3 which functions as a stop. The method of cooperation of this detail will become apparent as the description goes on. Positioned on opposite sides of this stop 3 are broom clamping and holding devices. As is common, these devices are of a yieldable nature to resiliently grip the handle H of a broom. Although the devices could be constructed otherwise, each one preferably comprises a single length of resilient wire which is bent between its end to provide a substantially U-shaped portion 4, the arms of which are bent to form spring coils 5. The ends of the wire forming the coils are extended to provide attaching arms 6 and these are passed through the wall block 1 and the extremities thereof are bent laterally outward as indicated at 7, thus holding the device in place. It will be observed, from the consideration of Figure 2, that the arms of the U-shaped portions 4 are disposed in outwardly diverging relation, the arms 6 being in spaced parallelism and the coil springs being located at the juncture of the relatively arranged arms. Mounted upon the bight portion of the U-shaped parts of the wires are duplicate antifriction and gripping rollers 8.

In practice, the block 1 is nailed or otherwise fastened upon the wall, or other support, and the broom handle is inserted between the rollers 8, in placing it in position the impact upon the rollers by the handle will rotate the latter to eliminate friction and to guard against scarring of the handle. The rollers being mounted upon the separable U-shaped portion will be moved apart to accommodate the handle. It will be noted however that the handle can only be inserted a distance permitted by the stop 3. Hence, at no time do the coils or portions of the wire contract the handle to disfigure it. Also, while the rollers are freely rotatable to reduce friction as much as possible, they are held with sufficient spring tension against the handle to maintain the same in proper position. It will also be noted that the stop 3 is so proportioned as to permit a broom handle, of a predetermined diameter, to move inwardly sufficiently far between the rollers to permit them to obtain the necessary grip. While the handle is thus securely held, it is easy indeed to grasp and remove it from between the rollers.

The foregoing and other advantages and features of the invention have doubtless been made apparent, and as the structure and arrangement of details appear to be clear and concise, it is thought that a more lengthy description is unnecessary.

Although the preferred embodiment of the invention has been specifically described and shown, it is to be understood that minor changes coming within the field of invention claimed may be resorted to if desired.

Having thus described the invention, what I claim is:—

A broom holder comprising an attaching block, a stop member carried by said block, broom engaging means arranged on opposite sides of said stop, said means comprising U-shaped members, attaching arms, said attaching arms being joined to the arms of said U-shaped members through the medium of coiled springs, and anti-friction rollers carried by the bight portions of said U-shaped members, said rollers being spaced outwardly beyond said stop.

In testimony whereof I affix my signature.

WILLIAM E. WEBB.