

E. RICHARDS.
BROOM HOLDER.
APPLICATION FILED NOV. 27, 1909.

994,790.

Patented June 13, 1911.

Fig. 1.

Fig. 2.

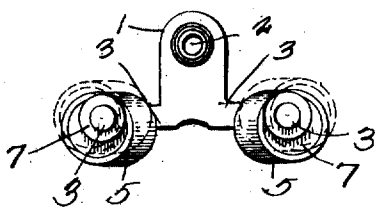


Fig. 3.

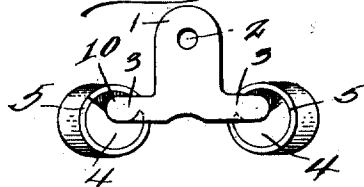


Fig. 4.

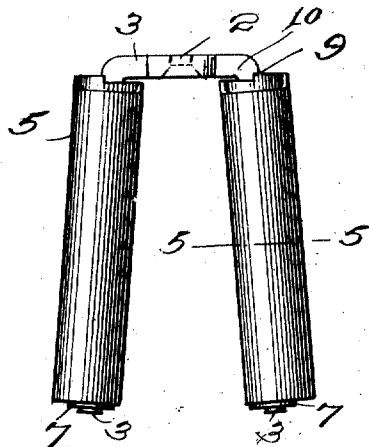


Fig. 5.

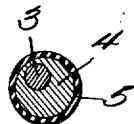


Fig. 6.

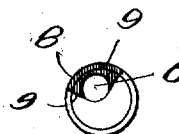
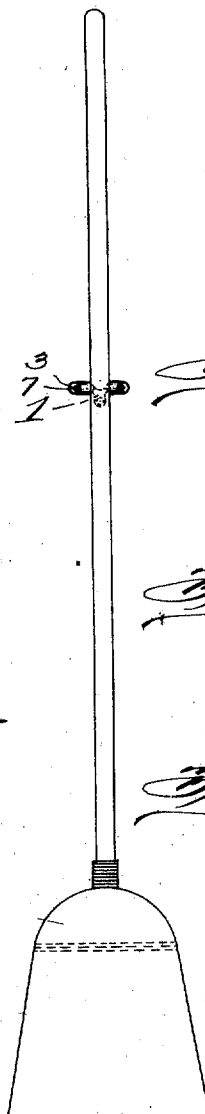
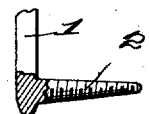


Fig. 7.



Witnesses
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EVAN RICHARDS, OF SPOKANE, WASHINGTON.

BROOM-HOLDER.

994,790.

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To all whom it may concern:

Be it known that I, EVAN RICHARDS, a citizen of the United States, residing at Spokane, in the county of Spokane and State of Washington, have invented new and useful Improvements in Broom-Holders, of which the following is a specification.

This invention relates to improvements in broom holders, and more particularly to devices of that character where the broom is suspended from the wall.

One object of the invention is to provide a device of this character which is automatic in its action.

Another object is to provide such a device as will suspend a broom between wedge members.

These and other objects may be attained by the construction shown in the drawing, in which—

Figure 1 is a front elevation of my invention showing a broom applied. Fig. 2 is a front elevation of the device. Fig. 3 is a rear elevation of the device. Fig. 4 is a plan view of the device. Fig. 5 is a section on the line 5—5 of Fig. 4. Fig. 6 is a rear end view of one of the rollers, and Fig. 7 is a fragmentary view showing one form of means for attaching the holder to the wall.

In the drawing 1 is the base plate of the holder, having a screw hole 2 through which a screw or nail is passed to secure the holder to any suitable support. The plate 1 is formed at its upper end with the arms 3, which project laterally therefrom and then forwardly from the point 10, in a divergent direction to each other. The rollers 4 are mounted on the divergent portion of the arms.

The rollers 4 are formed of wood or other suitable material and disposed on the outer surface of each roller is a friction covering 5 of rubber or other suitable substance.

A longitudinal opening 6 is formed eccentrically in each of the rollers 4 in which is received one of the arms 3 on the outer end of which is placed the washer plate 7. The free ends of the arms 3 are clenched or headed to prevent the washer 7 coming off.

The inner or rear ends of the rollers 4 are provided with the recesses 8, the side walls 9 of which are adapted to abut against the inner ends of the arms 3, forming stops to limit the rotation of the said rollers in either direction.

In Fig. 7 is shown another form of means for securing the holder to a support. In this form the base plate is provided with the integral screw-shank 2.

In the use of the device the holder is secured to a support by the screw-shank 2' as shown in Fig. 7 or a screw through the opening 2, see Figs. 2, 3 and 4. The handle of a broom is inserted between the rollers 4 until the handle engages with both rollers, when the weight of the broom and the frictional engagement between the broom handle and rollers will cause the turning of the rollers and wedge the handle. The broom handle is then held wedged between the rollers. To release the broom, the same is lifted, causing a reverse movement of the rollers 4 and the broom handle slipped from between the rollers.

From the foregoing it will thus be seen that I have provided a device which will effectively grip a broom handle and suspend the same by the weight of the broom.

Having thus described my invention, what is claimed is:—

1. A broom holder comprising a base plate, arms projecting at an angle from the plate and diverging from each other, rollers eccentrically mounted on the arms, and shoulders formed on the end of the rollers adapted to engage with the arms to limit the rotation of said rollers.

2. A broom holder comprising a base plate, arms projecting at an angle from the plate and diverging from each other, and rollers journaled eccentrically on said arms and provided with resilient coverings.

In testimony whereof I affix my signature in presence of two witnesses.

EVAN RICHARDS.

Witnesses:

CHAS. NEAL,
O. L. FERGUSON.