

H. W. MERRILL.
BROOM HOLDER.
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933,260.

Patented Sept. 7, 1909.

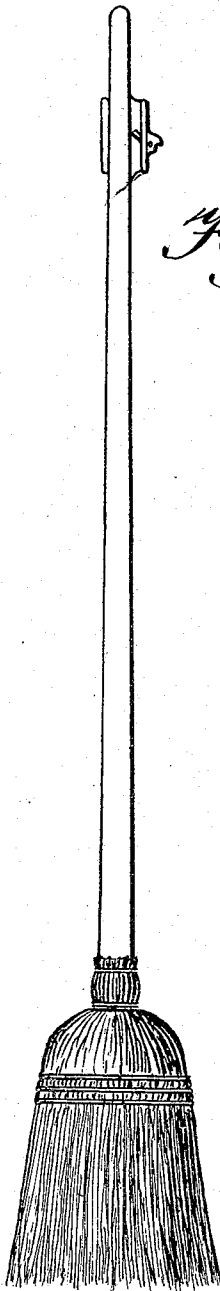


Fig. 1.

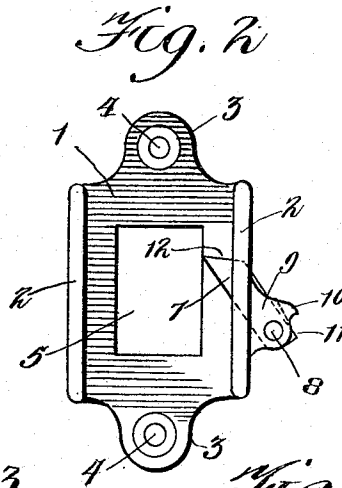


Fig. 2.

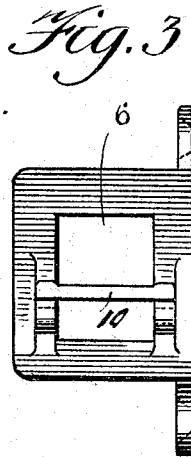


Fig. 3.

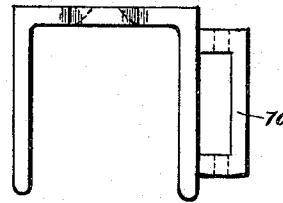


Fig. 4.

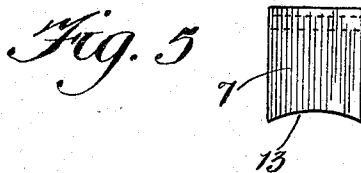


Fig. 5.

Witnesses

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UNITED STATES PATENT OFFICE.

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BROOM-HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HERBERT W. MERRILL, a citizen of the United States, residing at Quincy, in the county of Norfolk and State of Massachusetts, have invented new and useful Improvements in Broom-Holders, of which the following is a specification.

This invention relates to broom holders, the object in view being to provide a simple, practical and convenient device for supporting brooms by their handles to enable the bristles of the broom to be held clear of the floor.

With the above and other objects in view, the nature of which will more fully appear as the description proceeds, the invention consists in the novel construction, combination and arrangement of parts as herein fully described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a front elevation of the broom holder, showing a broom supported thereby. Fig. 2 is an enlarged front elevation of the broom holder. Fig. 3 is a side view thereof. Fig. 4 is a top plan view of the same. Fig. 5 is a detail plan view of the detent.

The device, which may be of any suitable size, comprises a flat base 1 with forwardly projecting flat wings 2 extending from opposite sides of the base and located at a sufficient distance apart to receive broom handles of different sizes between the same, so that said broom handle may lie flat against the base 1. The base is provided at top and bottom with attaching ears 3 provided with screw holes 4 to receive screws or other suitable fasteners by means of which the device may be secured to a wall, partition or other vertical support. For the sake of lightness and economy in material, the base may be provided with a central opening 5 of any desired shape.

One of the wings 2 is apertured as shown at 6 to admit of the necessary movement of a pivoted detent 7 which works through said aperture and is journaled on a pivot 8 which connects a pair of oppositely arranged lugs 9 extending outward laterally from the adjacent wing 2 and located at opposite sides of the aperture 6. The lugs 9 are connected at

or near their outer ends by means of a cross bar 10 which forms a stop for limiting the initial swinging movement of the point of the detent, the detent being provided with a corresponding shoulder 11 which as it moves upward comes into contact with the cross bar or stop 10 and prevents the inner broom handle engaging point on the detent from swinging backward beyond a predetermined distance. The point of the detent is beveled as shown at 12 to bring the same to a biting edge, and such edge is also concaved as shown at 13 in Fig. 5 to conform approximately to the curvature or outer surface of the broom handle in order to obtain a more effective hold thereon. By swinging the inner end of the detent, the broom handle may be inserted between the wings 2 so as to lie against the base 1 as indicated in Fig. 1, whereupon the detent 7 moves by gravity into biting engagement with the broom handle and thereafter sustains the broom at any desired elevation above the floor thereby preventing the bristles of the broom from resting on the floor and becoming disarranged, keeping the broom in good working condition.

I claim:—

As an article of manufacture, a broom holder comprising a base provided with oppositely arranged attaching ears, forwardly extending wings spaced apart and arranged parallel to each other, one of said wings being apertured, oppositely arranged lugs extending outward from the apertured wing and located at opposite sides of the aperture therein, a horizontal cross bar connecting said lugs and forming a detent stop, and a detent in the form of a flat plate pivotally mounted near one of its ends between said ears and adapted to rest against the underside of said cross bar, the inner end of said detent being concaved and beveled along its concaved edge, substantially as described.

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

HERBERT W. MERRILL.

Witnesses:

CATHERINE F. IGO,
ROGER LAKIN.