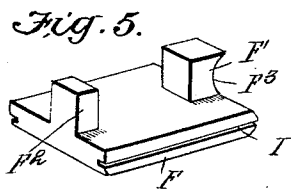
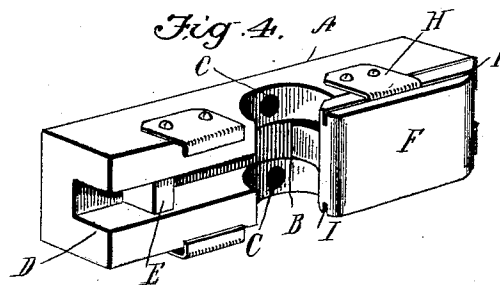
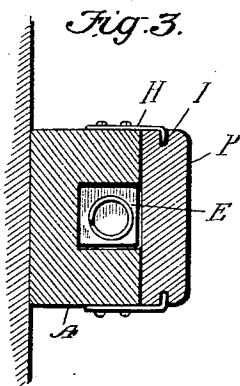
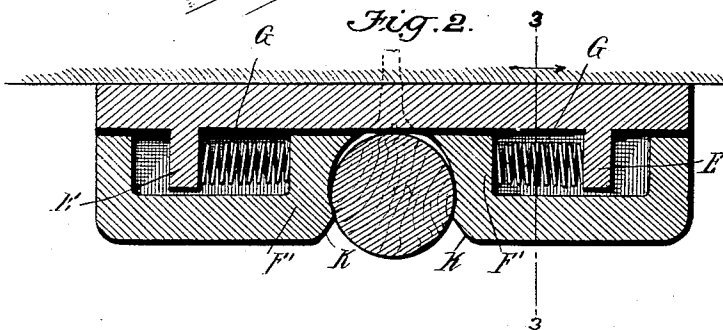
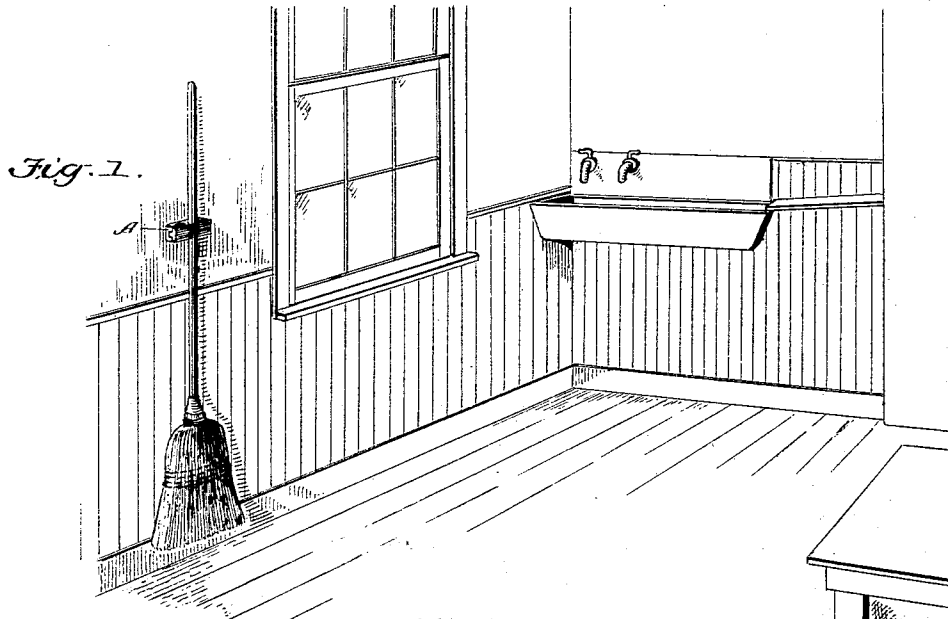


(No Model.)

H. A. SWAN.
BROOM HOLDER.

No. 588,030.

Patented Aug. 10, 1897.



Witnesses:
Jos. A. Ryan
Chas. E. Brock

Inventor
H. A. Swan
by *M. A. Co.*
Attorneys,

UNITED STATES PATENT OFFICE.

HENRY A. SWAN, OF GLENS FALLS, NEW YORK.

BROOM-HOLDER.

SPECIFICATION forming part of Letters Patent No. 588,030, dated August 10, 1897.

Application filed September 18, 1896. Serial No. 606,246. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. SWAN, residing at Glens Falls, in the county of Warren and State of New York, have invented a new and useful Broom-Holder, of which the following is a specification.

This invention is a broom-holder, although it can be applied equally as well to holding canes, umbrellas, and any article having a round handle or stock.

The object of the invention is to provide a holder which can be secured to the wall and one in which the broom or other article to be held can be quickly and easily inserted and removed.

Another object of the invention is to provide a device of the kind described which shall be exceedingly cheap and simple in construction and thoroughly efficient in operation at all times.

With these various objects in view my invention consists, essentially, of a base-block having a central recess adapted to receive the handle of the broom, said base-block being grooved horizontally and provided with spring-actuated clamping-blocks which bind against the handle of the broom and hold the same in place.

The invention consists also in certain details of construction and novelties of combination, all of which will be fully described hereinafter and pointed out in the claims.

In the drawings forming a part of this specification, Figure 1 is a view showing the application of my invention. Fig. 2 is a sectional view on the line 2 2 of Fig. 3. Fig. 3 is a transverse section on the line 3 3 of Fig. 2. Fig. 4 is a detail perspective view, one of the clamping-blocks being removed. Fig. 5 is a detail view of the said clamping-block removed.

In carrying out my invention I employ a base-block A, which is centrally recessed in the form of a semicircle, as shown at B, and in the said central portion are produced the opening C, by means of which the base-block is secured to the wall or other rigid object. The base-block is provided with a longitudinal groove D, which extends across the entire face, and near each end partitions E are arranged in the said groove, as most clearly

shown in Figs. 2, 3, and 4. Sliding along the front face of the base-block A are the clamping-blocks F, said clamping-blocks having inwardly-projecting tongues F' and F², adapted to slide in the groove D, the tongues F' being arranged at the inner ends of the blocks F, and the faces thereof are curved, as shown at F³, in order to correspond with the recessed portion B for the purpose of receiving the handle of the broom.

Between the tongues F' and the partitions E are arranged coil-springs G, the purpose of which is to throw the clamping-blocks inwardly, as shown, for the purpose of clamping the broom-handle in the central recess B.

The tongues F² serve to limit the inward movements of the said clamping-blocks and thereby prevent the central spaces being completely closed when the handle of the broom is removed.

In order to hold the clamping-blocks upon the front face of the block A, I employ the angular plates H, which are attached to the upper and lower faces of the block A, having their flanged ends engage the grooves I in the upper and lower edges of the blocks F. In this manner the clamping-blocks F are slidably mounted upon the front face of the base-block A. The inner edges of these blocks are beveled or rounded, as shown at K, in order that the handle of the broom or other article can be readily inserted and removed.

Now in operation the device is screwed to the wall or other object, and when it is desired to support a broom or other article thereof the handle is pushed into the central recess between the inner edges of the sliding blocks, and as these inner edges are rounded or beveled there will be little resistance to the round handle of the broom or other article, and these blocks will be immediately slid backward a distance sufficient to permit the insertion of the handle of the broom. As soon as the handle comes into contact with the base-block the spring-actuated clamping-blocks will immediately spring inward and thereby clasp the said broom-handle and securely hold it.

In order to remove the broom, it is only necessary to give the handle a sharp pull outward and the reverse of the operations just

described will take place, thereby easily releasing the broom-handle when properly manipulated.

It will thus be seen that I provide an exceedingly cheap and simple construction of broom-holder and one which can be quickly and easily manipulated without any danger or injury to the broom-holder.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a broom-holder, a base-block having a central recess for the recess of the broom-handle, and a horizontal groove produced in the forward face of the said base-block, and the spring-actuated clamping-blocks having tongues sliding in the said groove, substantially as shown and described.

2. In a broom-support, the combination with the base-block having a central recess, and the horizontal groove of the sliding clamping-blocks having tongues adapted to slide in the said groove and means for holding the said blocks to the front face of the base-block, substantially as shown and described.

3. In a broom-holder, the combination with the base-block, having a central recess in the horizontal groove, said groove having parti-

tions located therein, of the sliding clamping-blocks, having tongues adapted to fit in the said groove, the spring contained within the groove between the said partitions and the inner tongues, and means for securing the said clamping-blocks to the said front face of the base-block, substantially as shown and described.

4. In a broom-holder, the combination with the base-block having a central semicircular recess, a horizontal groove, of the partitions located in the said groove, the sliding plates having inwardly-projecting tongues one upon each side of each partition, said clamping-plates having grooves in their upper and lower edges, the securing-plates fastened to the upper and lower faces of the base-block, the said plates having flanged outer ends adapted to engage the grooves, and the clamping-blocks and the springs arranged in the grooves of the base-block and between the partitions and the inner tongues, substantially as and for the purposes described.

HENRY A. SWAN.

Witnesses:

WILLIAM R. BULLARD,
MILTON W. NEVENS.