

No. 610,351.

Patented Sept. 6, 1898.

A. I. GALLAWAY.  
BROOM SUPPORT.

(Application filed Dec. 20, 1897.)

(No Model.)

Fig. 1.

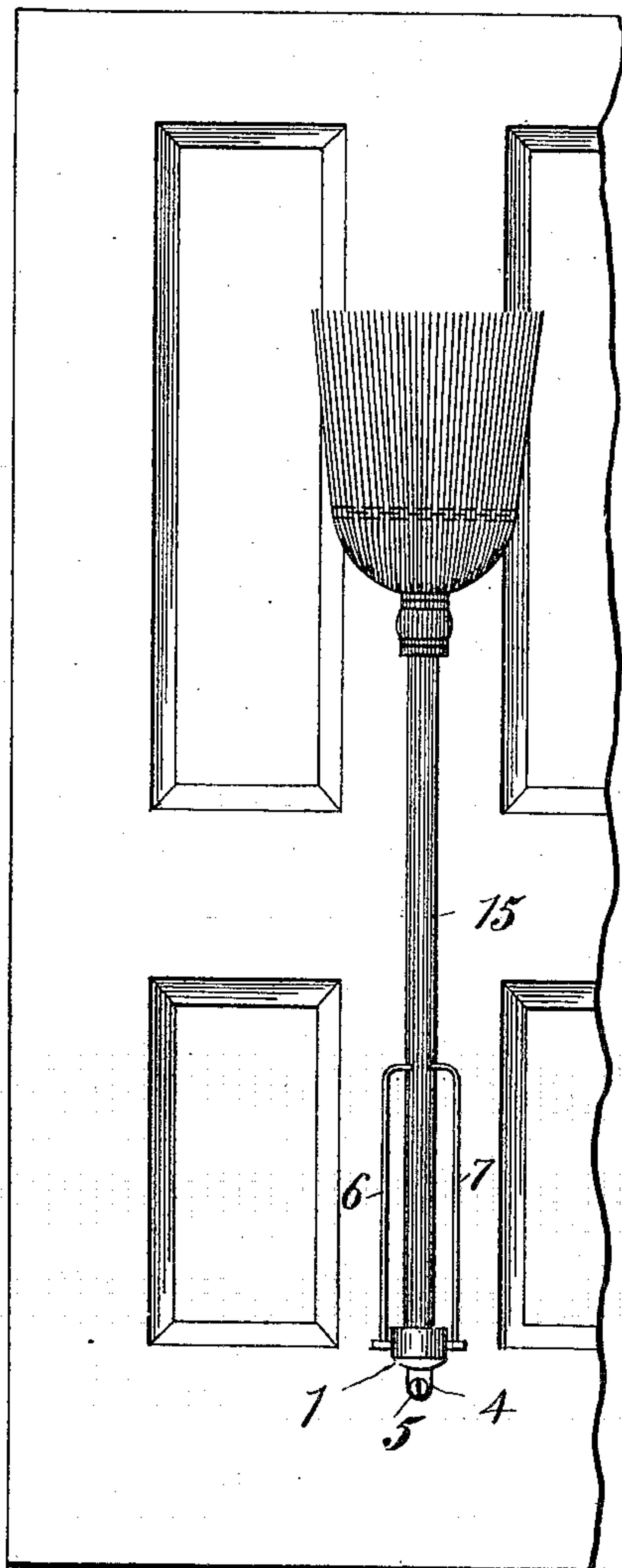


Fig. 2.

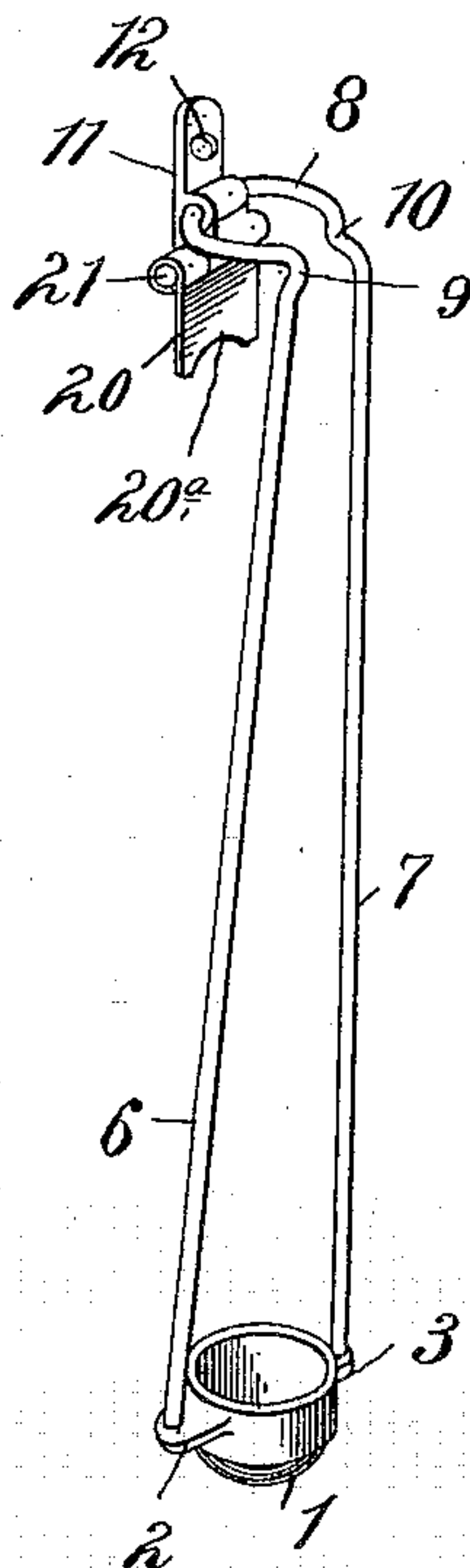
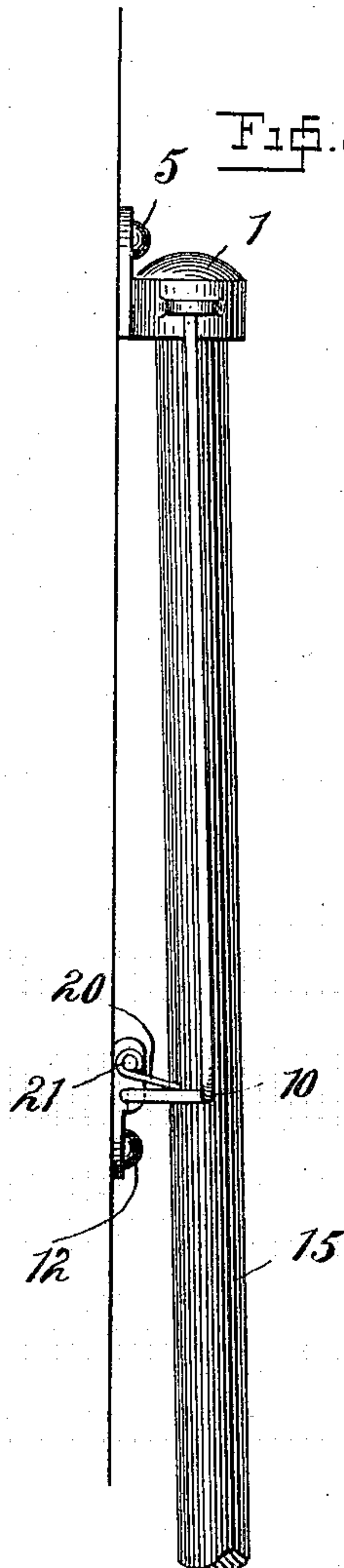


Fig. 3.



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# UNITED STATES PATENT OFFICE.

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## BROOM-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 610,351, dated September 6, 1898.

Application filed December 20, 1897. Serial No. 662,506. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT I. GALLAWAY, a citizen of the United States, residing at Morristown, in the county of Morris and State of New Jersey, have invented certain new and useful Improvements in Broom-Holders, of which the following is a specification.

The object of my invention is to provide a simple, cheap, and effective device for supporting a broom upon a wall, back of a door, or other suitable support when it is out of use.

The further object of my invention is to provide such a support which can be placed upon the wall or back of a door for supporting a broom with the brush up or be inverted for supporting the broom with the brush down.

My improved convertible broom-holder comprises, essentially, a cup or socket for the reception of the end of the broom-handle and two wire springs extending from the cup or socket and formed with spring-shoulders which are adapted to clasp the broom-handle between them at a point between the ends of the broom, said spring-shoulders being preferably united by a connecting-loop which is attached to the wall or door. The device thus constructed is capable of supporting the broom with the brush extending upwardly. To render the device capable of supporting the broom with the brush down, I provide a suitable dog or stop which is adapted to limit the inward movement of the broom-handle when it is being inserted, so as to hold the handle within the grip of the spring-shoulders.

In order that my invention may be fully understood, I will first describe the same with reference to the accompanying drawings and afterward point out the novelty with more particularity in the annexed claim.

In said drawings, Figure 1 is a front elevation of my improved broom-holder attached to the back of a door in position to support the broom with the brush up. Fig. 2 is a perspective view of the holder detached from the door. Fig. 3 is a side elevation representing the holder in inverted position for supporting the broom with the brush down.

The broom-holder proper comprises a metal cup or socket piece 1, provided with the integral side lugs 2 3 4. The lug 4 has a screw-

opening through which passes the screw 5 for securing the cup or socket piece to the back of a door or other support.

6 and 7 are spring-wires having their ends riveted or otherwise secured to the ears or lugs 2 and 3 and extending in approximately parallel relation from the socket-piece 1, and 8 is a loop connecting the vertical wires 6 and 7, forming at their points of connection with the spring-wires the inwardly-projecting spring-shoulders 9 and 10, which constitute a spring-clamp for securely holding the broom-handle. The loop 8 extends approximately at a right angle to the plane of the upright wires 6 7, as shown.

11 is a small casting or bracket attached to the loop 8 and formed with a screw-hole, through which passes the fastening-screw 12, by which said bracket or casting is secured to the door or other support vertically above the cup or socket piece 1.

It will be observed from Fig. 1, in which I show the broom-holder attached to the back of a door with the broom 15 supported therein, that the end of the broom-handle rests loosely in the cup or socket 1, while the handle is confined at a point considerably above the end in the loop 8 by means of the spring-shoulders 9 and 10. In placing the broom in the holder the end of the handle is placed in the socket 1 and the broom forced up against the door until the handle is pressed between the shoulders 9 and 10 in the loop 8. The long wires 6 and 7 serve not only to connect the spring-clip with the socket of the holder, but at the same time improve the strength of the spring-shoulders 9 and 10 and render the article easy to handle.

20 is a small plate having a concaved edge 20<sup>a</sup> and pivoted upon a pin 21 beneath the small bracket or casting 11. When the broom is supported with the brush up, as in Fig. 1, it will be observed that the plate 20 hangs down, as indicated in Fig. 2, and in this position said plate has no function. When, however, it is desired to attach the broom-holder to a door, wall, or other support, so that the broom can be supported with the brush down, said holder is attached, as indicated in Fig. 3, with the cup or socket 1 above and spring-shoulders 9 and 10 below. In this position the pivoted plate 20 will rest upon the loop



portion 8 of the holder, as shown in Fig. 3. This plate constitutes a dog or stop against which the broom-handle 15 is supported to prevent its being pushed too far into the loop 5 8 to release it from the grip of the spring-shoulders 9 and 10. In placing the broom in the holder when in this position the end of the broom-handle 15 is, as in the other case, inserted in the socket 1 and the handle forced 10 into the grip of the spring-shoulders 9 and 10. The spring of the shoulders 9 and 10 is of sufficient strength to make a shallow groove in the broom-handle, which insures the support of the broom. When the holder is 15 mounted upon its support to support the broom with the brush down, it will be clear that it must be placed near the top of the door or a sufficient distance above the floor to allow for the length of the broom.

20 My improved holder is capable of being supported in any position, either in one of the vertical positions, as illustrated in the drawings, or in any inclined position or even in horizontal position. It will therefore be 25 clear that by reason of the universal application of the device to the requirements as to position its use will be unlimited.

I am aware that it has been proposed to

form whip-sockets with a supporting-cup or spring-ears, the whip being adapted to slide 30 down through the spring-ears until the butt-end rests in the socket; but I am not aware that it has ever been proposed to form a holder for a broom or other similar device in which the end of the broom is first placed in a sup- 35 porting-socket and then forced into engagement with spring-shoulders by using the socket as a fulcrum.

Having thus described my invention, what I claim as new, and desire to secure by Letters 40 Patent, is—

An invertible broom-holder comprising a cup or socket for the reception of the end of the broom-handle, a spring-clip suitably connected with the cup or socket and adapted to 45 engage the handle between its ends, and a stop comprising a plate pivoted adjacent to the spring-clip and adapted to engage the broom-handle and arrest its inward movement and hold it in the grip of the spring- 50 clip, substantially as set forth.

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