(Model.)

A. PFRANGLE.

HOLDER FOR WHISK BROOMS.

No. 263,722. Patented Sept. 5, 1882.

Fig. 1.

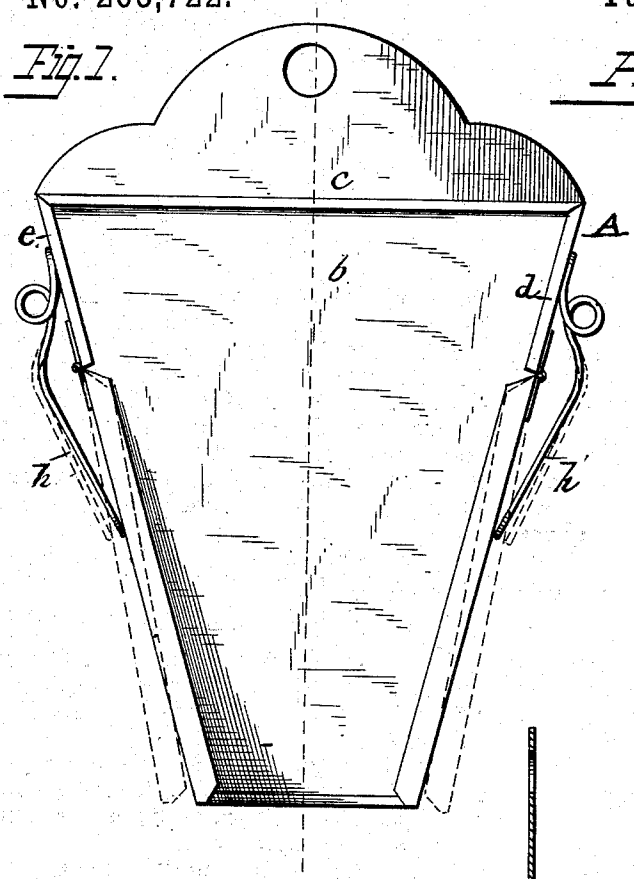


Fig. 2.

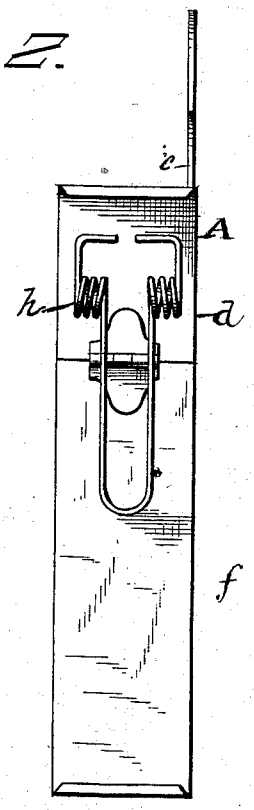


Fig. 3.

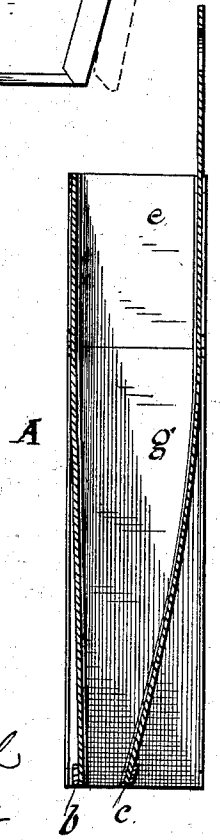
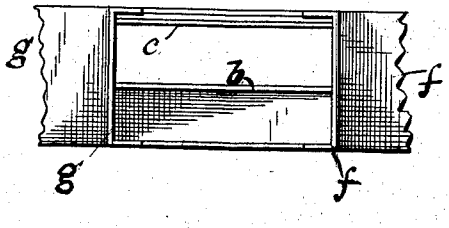


Fig. 4.



Witnesses;
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N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

ALBERT PFRANGLE, OF AURORA, ILLINOIS, ASSIGNOR OF ONE-HALF TO WILLIAM PFRANGLE.

HOLDER FOR WHISK-BROOMS.

SPECIFICATION forming part of Letters Patent No. 263,722, dated September 5, 1882.

Application filed June 24, 1882. (Model.)

To all whom it may concern:

Be it known that I, ALBERT PFRANGLE, of the city of Aurora, in the county of Kane and State of Illinois, have invented certain new and useful Improvements in Holders for Whisk Brooms or Brushes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Holders for whisk-brooms have been made with interior springs, but with their straight or tapering sides rigid. They have also been made with pivoted levers and spiral springs within a rigid or non-yielding exterior case, and also with one removable holder placed within an outer case or holder. All these constructions, while useful for certain purposes, are too complex and too liable to get out of order, especially where any interior appliances—such as levers or springs—are used, or such as may tend to scratch or injure the broom; and the object of my invention is to afford a holder as simple and cheap as is practicable, having no interior appliances with which the broom can come in contact, and yet capable of yielding at its sides or edges, as also at its back and front, if desired, to grasp and hold brooms of various sizes and in the proper position.

The nature of the invention will be apparent from the following description, Figure 1 being an elevation of a holder made in accordance with my invention; Fig. 2, a vertical section; Fig. 3, an edge view; Fig. 4, a bottom view.

A is the holder, preferably made of sheet metal—say of tin—and it may be varnished, lacquered, or ornamented, or finished to suit the taste. Its tapering front and back *b c* are soldered or otherwise secured to the edge pieces or sides, *d e*, for a short distance only from the top, these pieces *d e* terminating near the top, leaving all of the pieces *b c* free and unattached below *d* and *e*. To these pieces *d* and *e* are hinged flanged pieces *f g*, the flanges of which overlap the edges of the front and back pieces, *b c*, as shown. Springs *h h'* on the exterior of the holder exert a constant pressure against the hinged pieces *f* and *g*, respectively, to press them toward the edges of *b* and *c*, and these front and back pieces, *b c*, being first pressed at their free bottom edges toward each other, exert a constant pressure upon any broom or other body which may press them apart from each other, thus having an inherent spring action, and without requiring any auxiliary spring for that purpose.

Upon placing a whisk-broom (handle downward) in this holder it will now be seen that it will be grasped not only at both edges by the spring side flaps *d* and *e*, but also at front and back, by the resilience of the flaps *b* and *c*, and that these can adapt themselves to brush-brooms or brushes of a great variety of sizes and forms.

It will also be seen that there are no interior projections to catch or injure the broom or brush, and that the whole is very simple and may be cheaply made.

The flanges of the hinged pieces may of course be of any desired breadth. All soldering below the hinges is saved, and the expense of making is but a trifle more than of the common tapering holder closed rigidly at its four sides.

If desired, the front and back parts, *b c*, may, one or both, be stiff enough not to act as a spring; but it is preferred to have them so act that they may take a yielding hold on the broom.

I claim—

1. In a broom-holder, the sides, composed of fixed short pieces *d e* and of the hinged flanged pieces *f g*, arranged to swing outward, and provided with exterior reacting springs, as and for the purposes set forth.

2. In combination with the exterior hinged sides of flaps *f g* and their springs *h h'*, the back and front pieces, *b c*, secured to the short pieces *d e*, but left free or unattached below them, and serving to exert a yielding grasp on the brush or broom, as set forth.

ALBERT PFRANGLE.

Witnesses:

CHARLES L. ALLEN,

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