

(No Model.)

F. S. CAPRON.

BROOM SUPPORT.

No. 338,248.

Patented Mar. 23, 1886.

Fig. 1.

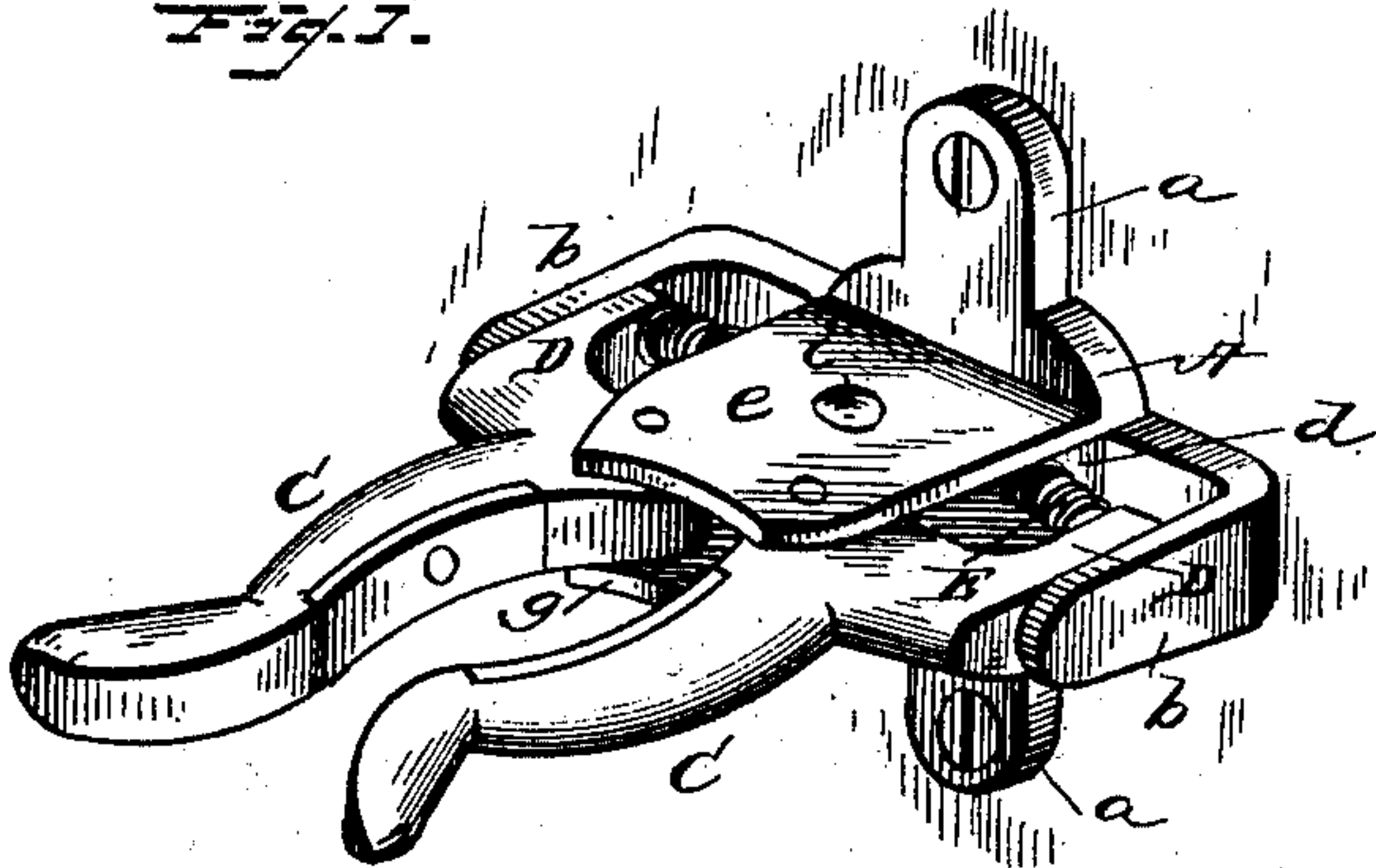


Fig. 2.

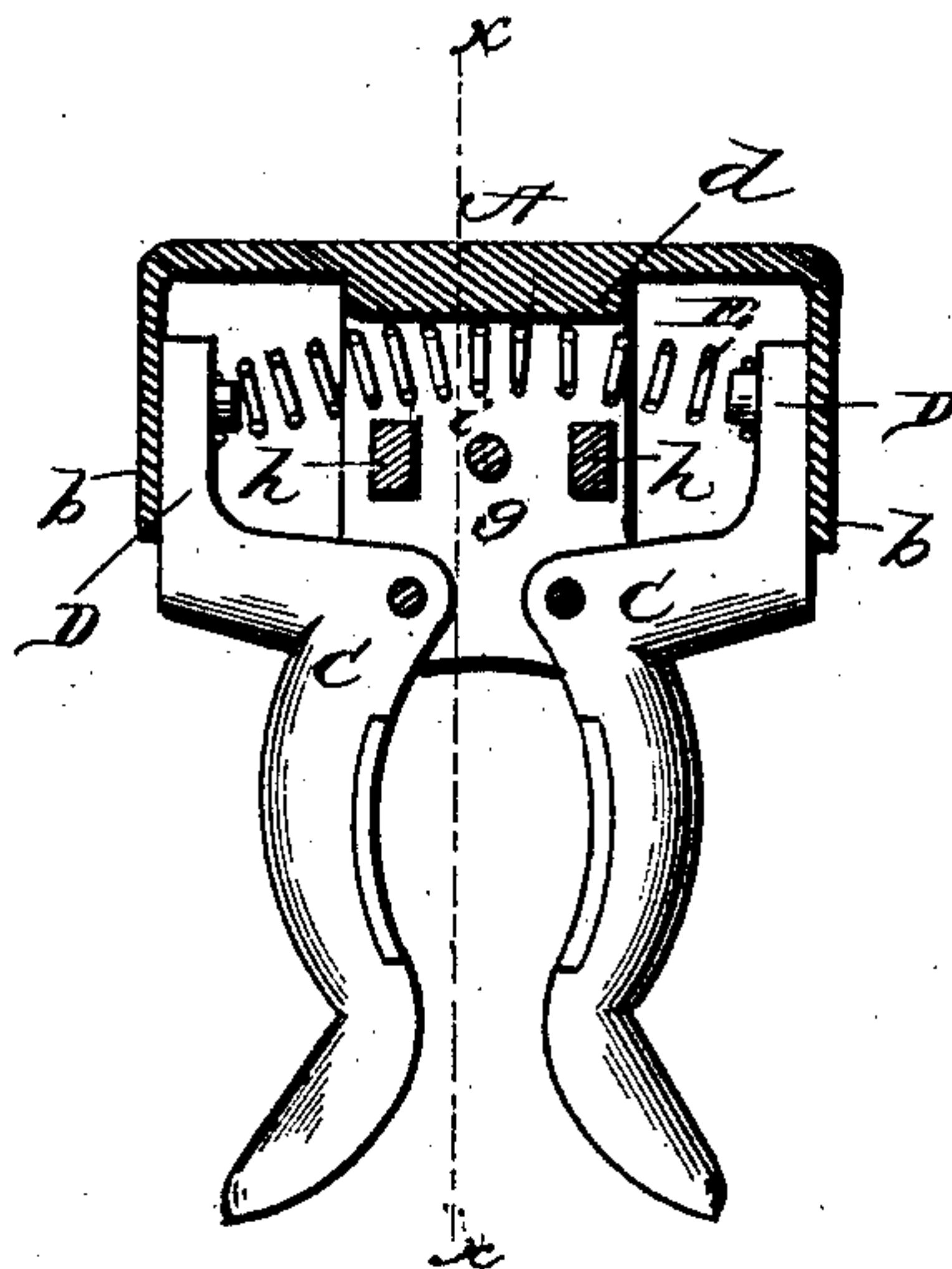
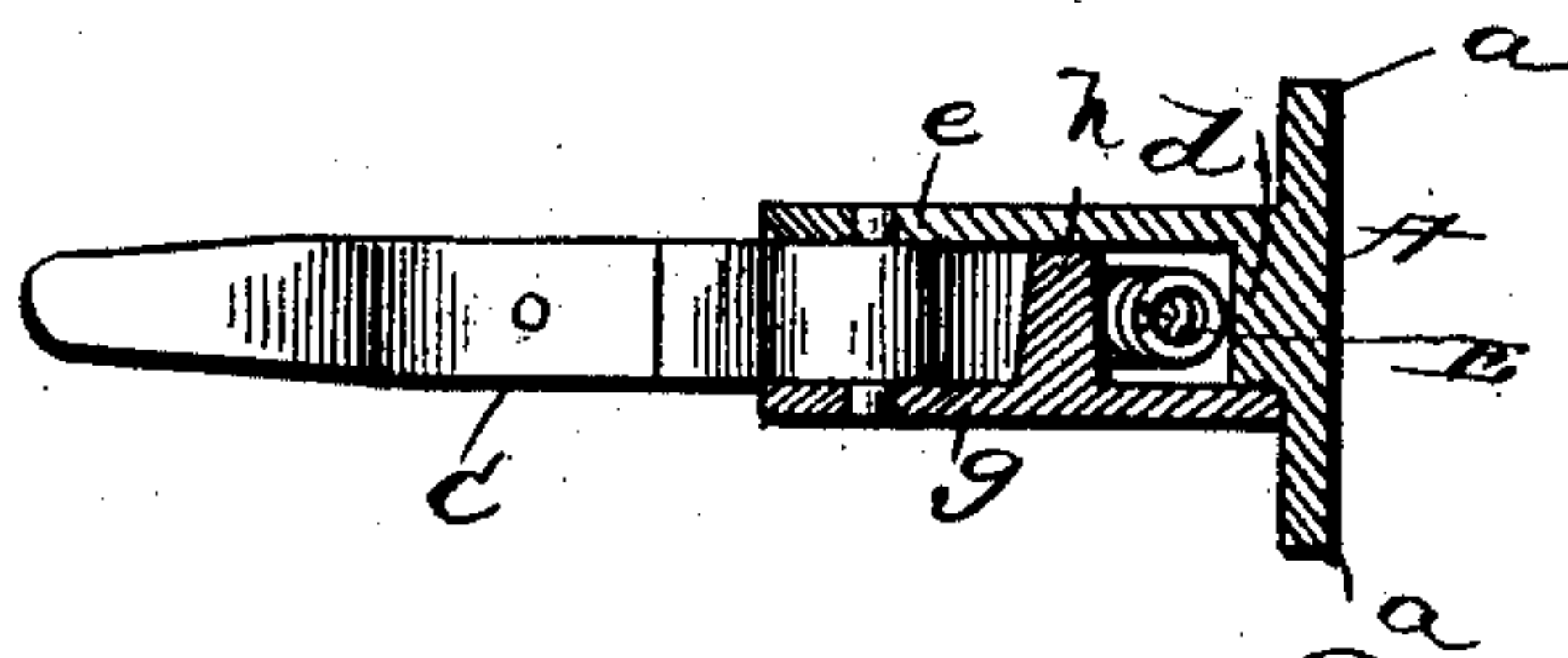


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

FRANKLIN S. CAPRON, OF TAUNTON, MASSACHUSETTS.

BROOM-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 338,248, dated March 23, 1886

Application filed April 28, 1884. Serial No. 129,617. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN S. CAPRON, a citizen of the United States, residing at Taunton, in the county of Bristol and State of Massachusetts, have invented a new and useful Broom-Holder, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to a brush and broom holder; and it has for its object to provide a device of this character which shall be cheap and simple in its construction and durable in its use.

With these ends in view the invention consists in the improved construction and combinations of parts hereinafter fully described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of a broom-holder constructed in accordance with my invention. Fig. 2 is a horizontal section of Fig. 1, showing the clamping-arms in full lines. Fig. 3 is a transverse section on the line *xx* of Fig. 2.

In the accompanying drawings, in which like letters refer to corresponding parts in the several figures, A represents a base or bracket, which is preferably cast, and provided with lugs *a*, having holes for the passage of screws or equivalent fastening for their attachment to the wall or other place.

Upon the ends of the bracket A are provided outwardly-projecting arms *b*, for a purpose which will be more fully described.

At about the center of the bracket A is a raised portion, *d*, from which extends outwardly a wing, *e*. A plate, *g*, is provided on its inner side with upwardly-projecting lugs *h*, which bear against the wing *e* at their ends, and in this manner hold the same from collapsing or coming together, the said plate *g* and wing *e* being secured together by a rivet, *i*. At the upper corners, and between the plates *g* and *e*, are pivoted two arms, C, which have inwardly-extending lugs or ears D, adapted to bear against the inner sides of the arms *b*, which limit the outward movement of said lugs. The arms C are recessed or cut away on their inner sides to receive strips of rubber or other material, which prevent all marring of the handle of the broom by contact with the metal, as would otherwise be the case. The ends of these arms C are turned

outwardly, to facilitate the passage of the broom between the same when it is to be suspended or hung up.

E represents a spiral spring, which is adapted to bear against the inner sides of the lugs D, and in this manner hold the arms in close contact with the broom, to support the same and prevent any liability of the disengagement of the same from the holder.

In operation the broom is slid between the two arms C, which depresses the coil-spring E, and is held by the said arms.

To withdraw the broom from the holder, it is only necessary to exert slight power on the same, thus again depressing the coil-spring and allowing the broom to be detached.

It will be seen from the above description that my improved broom-holder is simple in its construction, that it affords ready and convenient means for the disposal of a broom when not in use, and that it may be manufactured and supplied at a slight cost.

In order to define the nature and scope of the present invention, I would state that heretofore it has been proposed to construct a broom-support having a hollow base-plate provided with a transverse slot in its front end, through which slot passes two curved arms, which cross each other and are pivoted on a common pin or shaft bearing in said base-plate, the rear ends of said arms being extended rearwardly and connected by a coiled spring; also, that a wire loop has been formed with an inclined or bent portion having a rubber or elastic sheath, and pivotally connected by bent ends to a strap-hinge secured to a wall. My invention differs from these devices in the fact that the arms of my device are pivoted independently to a plate, and the rear ends are provided with a lug or ear, which abuts against and lies flush with an outwardly-extending arm of the supporting base-plate, the plate to which the arms are pivoted having bracing and supporting studs *h*, which bear against an upper protecting-plate, on opposite sides thereof, and which is riveted thereto. The lugs or ears serve as stops to limit the movement of the front curved ends thereof, which are provided on their adjacent surfaces with an elastic block or strip, to prevent the broom from becoming defaced.

This device provides great strength and durability, and can be manufactured at a slight cost.

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

10 As an improvement in broom-holders, the combination of the base having outwardly-extending arms *b* at each side thereof, a base-plate, *g*, arranged at the lower end and middle thereof, and having upwardly-projecting bracing-lug *h* on each side thereof, a wing, *e*, arranged at the upper edge of the plate *A* and riveted to the plate *g*, curved outwardly-extending clamping-arms *C*, pivoted independently of each other between the wing *e* and

plate *g*, and each provided with a lug or ear, *D*, adapted to bear against one of the arms *b* of the base-plate and serve as a stop to limit the movement of its arm, each arm having an elastic facing, and a coiled spring, *E*, arranged in rear of the lugs *H*, and adapted to bear against the inner ends of the stop-ears *d* of the arms, all arranged and adapted to serve as described. 20 25

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

FRANKLIN S. CAPRON.

Witnesses:

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J. C. REYNOLDS.