

(No Model.)

J. & R. ENGEL.

BRUSH HOLDER.

No. 277,471.

Patented May 15, 1883.

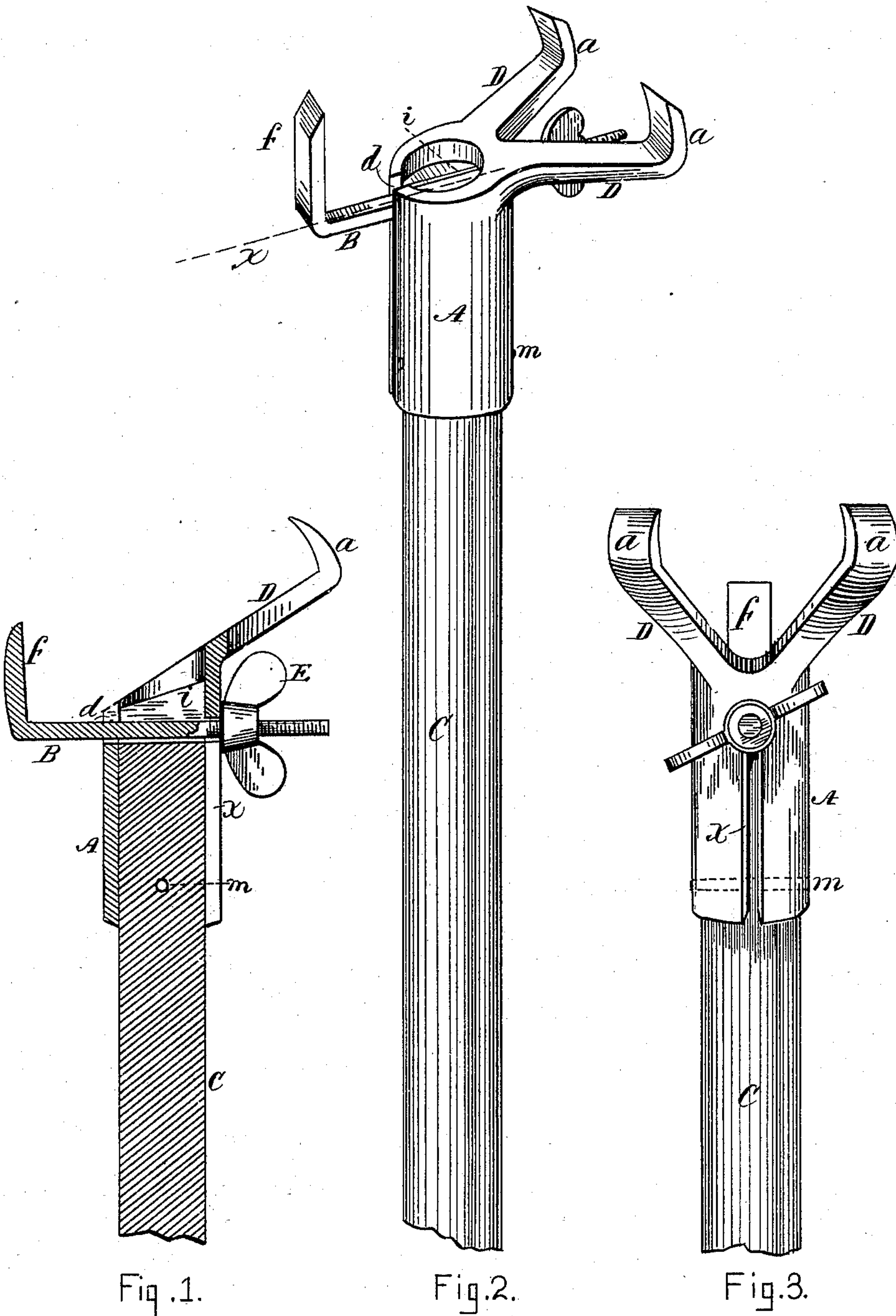


Fig. 1.

Fig. 2.

Fig. 3.

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# UNITED STATES PATENT OFFICE.

JOSEPH ENGEL AND ROBERT ENGEL, OF BOSTON, MASSACHUSETTS.

## BRUSH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 277,471, dated May 15, 1883.

Application filed September 20, 1882. (No model.)

*To all whom it may concern:*

Be it known that we, JOSEPH ENGEL and ROBERT ENGEL, both of Boston, in the county of Suffolk, State of Massachusetts, have invented a certain new and useful Improvement in Brush-Holders, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a vertical transverse section taken on the line *x x*; Fig. 2, an isometrical perspective view, and Fig. 3 a side elevation.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

Our invention relates to that class of brush-holders which are used for attaching the brush to its handle; and it consists in a novel construction and arrangement of the parts, as hereinafter more fully set forth and claimed, by which a simpler, cheaper, and more effective device of this character is produced than is now in ordinary use.

The nature and operation of our improvement will be readily understood by all conversant with such matters from the following explanation, its extreme simplicity rendering an elaborate description unnecessary.

In the drawings, A represents the body of the holder, and B the clamp. The body is tubular in form, being designed to receive the handle C, to which it is attached by the pin *m*.

Projecting radially from the body, and inclined thereto at an angle of about forty-five degrees, are two arms, D D, respectively provided at their outer ends with the hooks *a a*. One side of the body is provided with an elongated slot, *x*, and its opposite side with a shorter slot, *d*, both of these slots opening outwardly through the respective ends of the body.

The clamp B consists of a straight bar provided at one of its ends with the hook *f*, and at the other with the nut and screw E, and rests in the lower part of the slot *x* and upper part of the slot *d*, the lower end of the handle C being channeled at *i* to receive the body of the clamp.

In the use of our improvement the brush is placed in the holder with its back resting on the inclined arms D and one of its edges against the inner sides of the hooks *a a* and its other against the inner side of the hook *f*, in which position it is secured by turning the nut E.

It will be obvious that by inclining the arms D D, as described, the brush, when attached to the holder, will stand at an angle to the handle C and be in a proper form or position for washing windows, scrubbing floors, and any similar purposes to which it is adapted; also, that the slots *d x* may be cast in the body A, thus rendering it unnecessary to drill a hole in the body for the reception of the clamp B; and, furthermore, that the clamp may be provided with two or more hooks *f* instead of one, and that wide curved flanges may be used to grasp the brush in place of the hooks *a f*, if preferred, without departing from the spirit of our improvement.

Having thus explained our invention, what we claim is—

A brush-holder consisting of a tubular body, A, provided with diametrically-opposite slots opening at opposite ends of the body, and with inclined arms D, having hooks at their outer ends, a clamp movable in said slots, and a nut on the screw-threaded shank of the clamp for operating the latter, substantially as described.

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