Impd. Scrubbing Brush Holder.

75369

CHARLES B. CLARK.
Buffalo, N.Y.

PATENTED
MAR 10 1868

Fig. I.

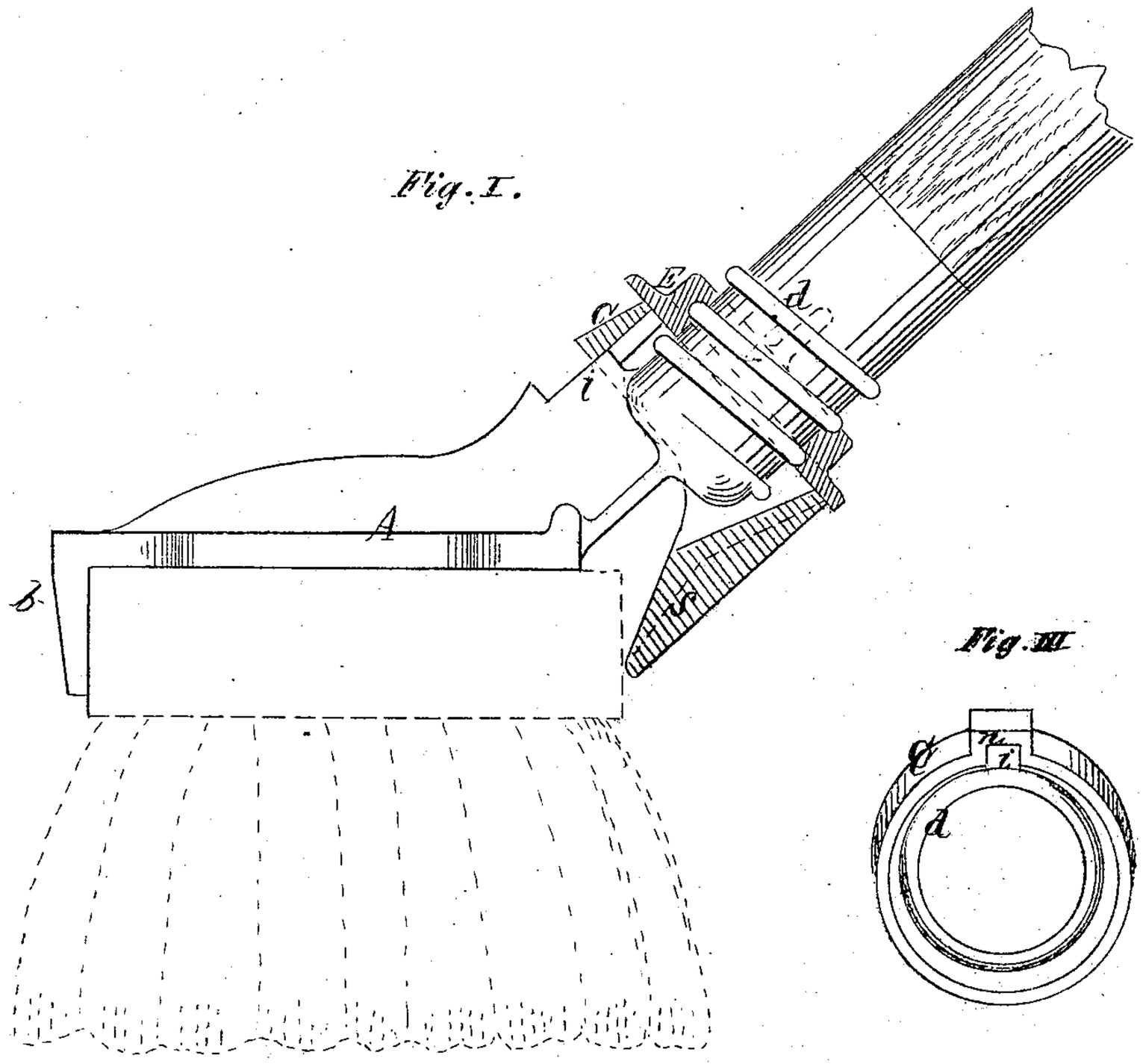
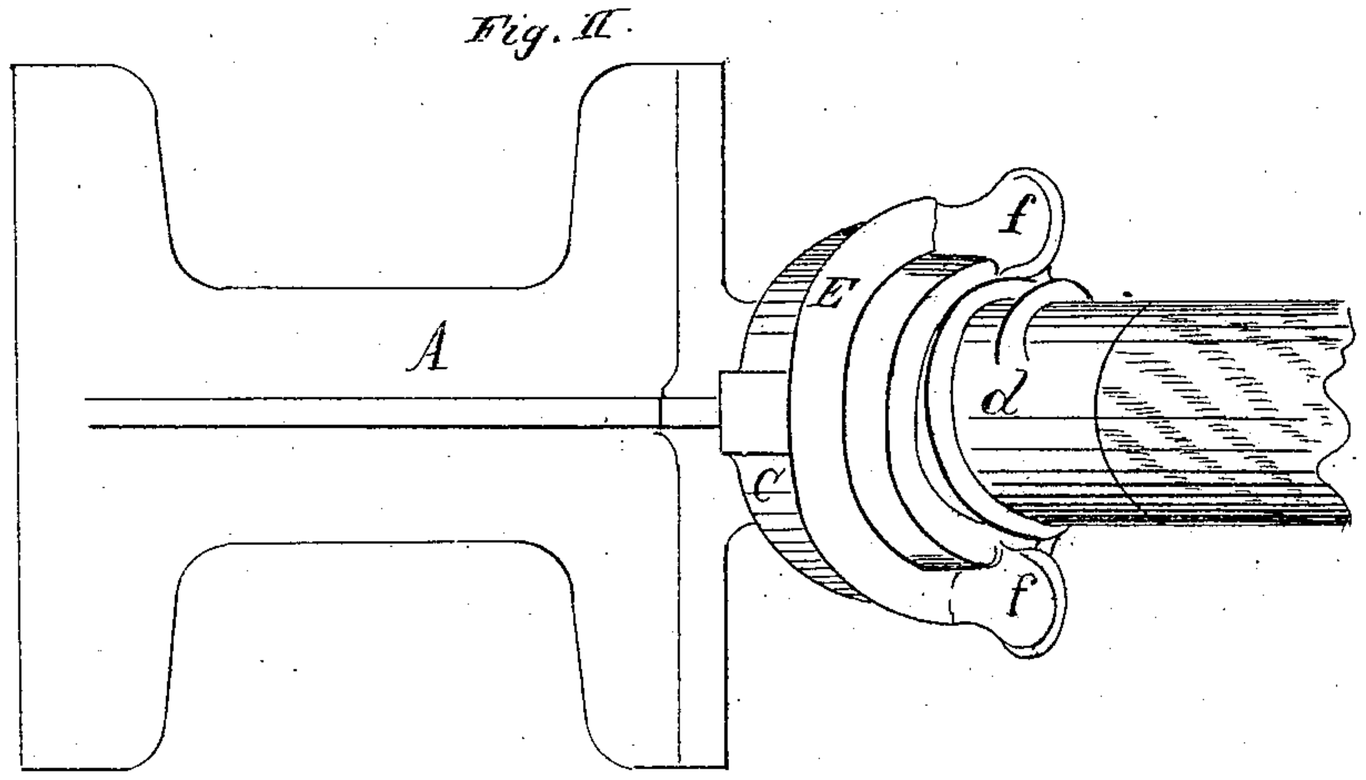


Fig. III

Fig. II.



Witnesses
Jay Hayatt
Edward Wilhelm

Chas B. Clark Inventor.
by Forbush & Hayatt
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United States Patent Office.

CHARLES B. CLARK, OF BUFFALO, NEW YORK.

Letters Patent No. 75,369, *dated March* 10, 1868.

IMPROVED CLAMP FOR SCRUB-BRUSHES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHARLES B. CLARK, of the city of Buffalo, in the county of Erie, and State of New York, have invented a certain new and useful Improvement in Clamps for Holding Scrubbing-Brushes; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure I is a central vertical section of the clamping-collar and nut, the other parts being shown in elevation.

Figure II is a plan of my improvement.

Figure III is a diagram representing a cross-section of the screw-shank, and showing the manner of preventing the sliding collar from turning on the shank.

Like letters of reference designate corresponding parts in all the figures.

My improvement relates to a clamping-device, with a long handle attached, by which ordinary scrubbing-brushes can be held and operated by a person standing.

The invention consists in constructing a sliding collar with a clamping-flange, arranged on an inclined shank, and operated by a nut, as hereafter shown and described.

In the drawings, A represents a frame or casting, formed with a jaw, *b*, and a hollow inclined screw-shank, *d*, for inserting a wooden handle. *c* is a collar sliding on the screw-shank, and provided with a flange or extended portion, *s*, on one side, between which and the stationary jaw *b*, the brush is clamped. E is a nut, provided with thumb-pieces *f f*, by which it is made to traverse the screw-shank *d*, in moving the sliding collar, and clamping the brush. It will be perceived that the shank *d*, or that portion thereof on which the collar slides, must be so cast with the frame A, as to form an acute angle with the upper surface of the wooden stock of the brush, when applied thereto, in order to have the flange operate to clamp the brush. The lower portion of the shank *d*, below the thread, is provided with a rib, *i*, which fits in a corresponding notch or groove, *n*, in the inner surface of the collar, and prevents the latter from turning with the nut in operating the device.

The operation of my improvement is manifest. The brush is placed with its upper surface against the frame, so that the jaw *b* will be in contact with one side of the wooden stock, when the nut E is screwed down, sliding the collar *c*, the flange *s* of which presses against the opposite side or edge of the stock, and firmly clamps and holds it in place.

By my peculiar construction of the sliding collar and jaw, no drilling or rivets are required, which, in the manufacture of light castings, is a matter of considerable expense, as the work is required to be done by hand, and with great care, to avoid breaking the parts. I can thus manufacture and put into market my improvement, at a much less cost than any other device for the purpose that requires drilling or other fitting to adjust the parts to each other.

Constructed with my improvement, the clamp is equally efficient with any other, in holding the brush; is of a compact form; is not liable to be broken or get out of order, as there are no projecting ears or other points, nor any rivets to get loose and work out.

What I claim as my invention, is—

Constructing the sliding collar *c* with the flange *s*, when arranged on the inclined shank *d*, and operated by a nut, E, in the manner and for the purpose shown and described.

CHARLES B. CLARK.

Witnesses:

JAY HYATT,

THOMAS C. HOLMES.