

R. Adams.

Blacking Brush

N^o 87,614.

Patented Mar. 9, 1869.

Fig. 1.

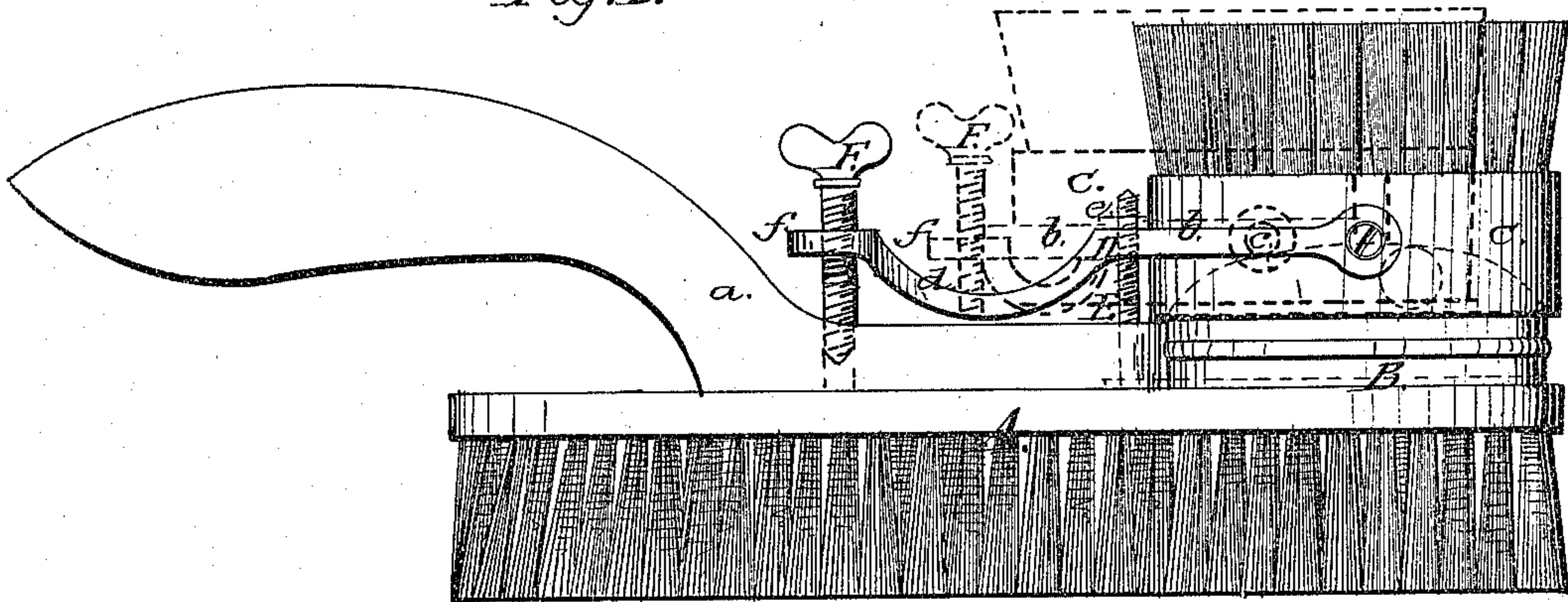
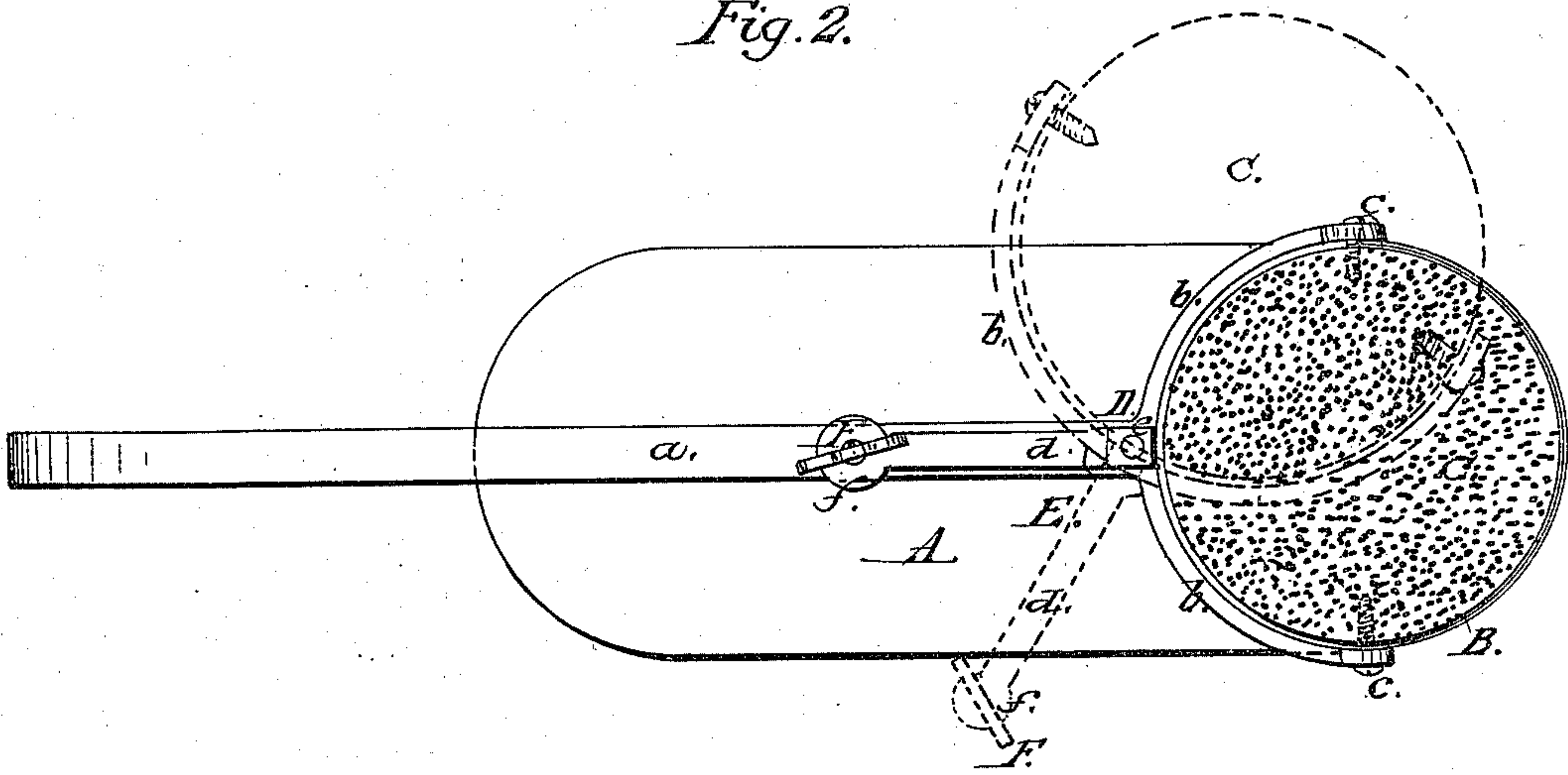


Fig. 2.



Witnesses:

C. L. Fisher

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United States Patent Office.

ROBERT ADAMS, OF CINCINNATI, OHIO.

Letters Patent No. 87,614, dated March 9, 1869; antedated February 26, 1869.

IMPROVED BLACKING-BRUSH

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, ROBERT ADAMS, of Cincinnati, in the county of Hamilton, and the State of Ohio, have invented a new and useful Improvement in Clamp-Irons for Blacking-Brushes, of which the following is a full and clear description, reference being had to the accompanying drawings, making part of this specification.

The nature of my invention consists in the construction and arrangement of a "clamping-iron" in connection with the blacking-brush, by means of which the blacking-box may be readily replaced, or removed from beneath the spreading-brush.

Figure 1 is an elevation of my improved blacking-brush.

Figure 2 is a plan of the same.

In each of the figures, 1 and 2, the red outline indicates the position of the spreading-brush when removed from over the blacking-box.

A is the polishing-brush, having the handle *a* secured to the top of it.

B is the blacking-box, located at one end of the brush A.

C is the spreading-brush, concave on the under side, which allows of its closely fitting over the blacking-box B.

The arms *b b*, of the clamp-iron D, are semicircular, and, when in position, circumscribe the spreading-brush C, to which they are firmly attached, at their extremities, by wood-screws *c c*.

The pivot-screw E is firmly secured in the inner end of the handle *a*. It has a vertical position, and is passed through a perforation in the clamp-iron D, at the junction of the arms *b b* and lever-arm *d*.

A square nut, *e*, on the pivot-screw E, over the clamp-iron, is the bearing for the clamp-iron when it is rotated.

The extreme end of lever-arm *d* terminates in the eye *f*, in which is tapped the thumb-screw F, which is of sufficient length to enter the handle *a*.

Having described the construction of my improved "blacking-brush," I will now show its operation and advantages.

In the accompanying drawings, the black outline shows the brush in readiness for use.

When the operator desires to remove a box which has been emptied, and to replace it with a full box, it is only necessary to give a few turns to the thumb-screw F, withdrawing it from the handle, (see fig. 1,) and rotate the clamp-iron about the pivot-screw E, when the spreading-brush C is removed from over the blacking-box B, which may be easily removed, and a fresh box placed in its stead. The spreading-brush is then returned to its place, and, by giving the thumb-screw a few turns, all the parts of the brush will be firmly retained in place, and the brush ready for use.

What I claim as new, and desire to secure by Letters Patent, is—

The clamp-iron D, having arms *b b*, and lever-arm *d*, the thumb-screw F, and pivot-screw E, or their equivalent, in combination with the spreading-brush C, polishing-brush A, and blacking-box B, when the same are constructed, arranged, and operate as and for the purpose shown and described.

ROBERT ADAMS.

Witnesses:

W. S. BROWN,

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