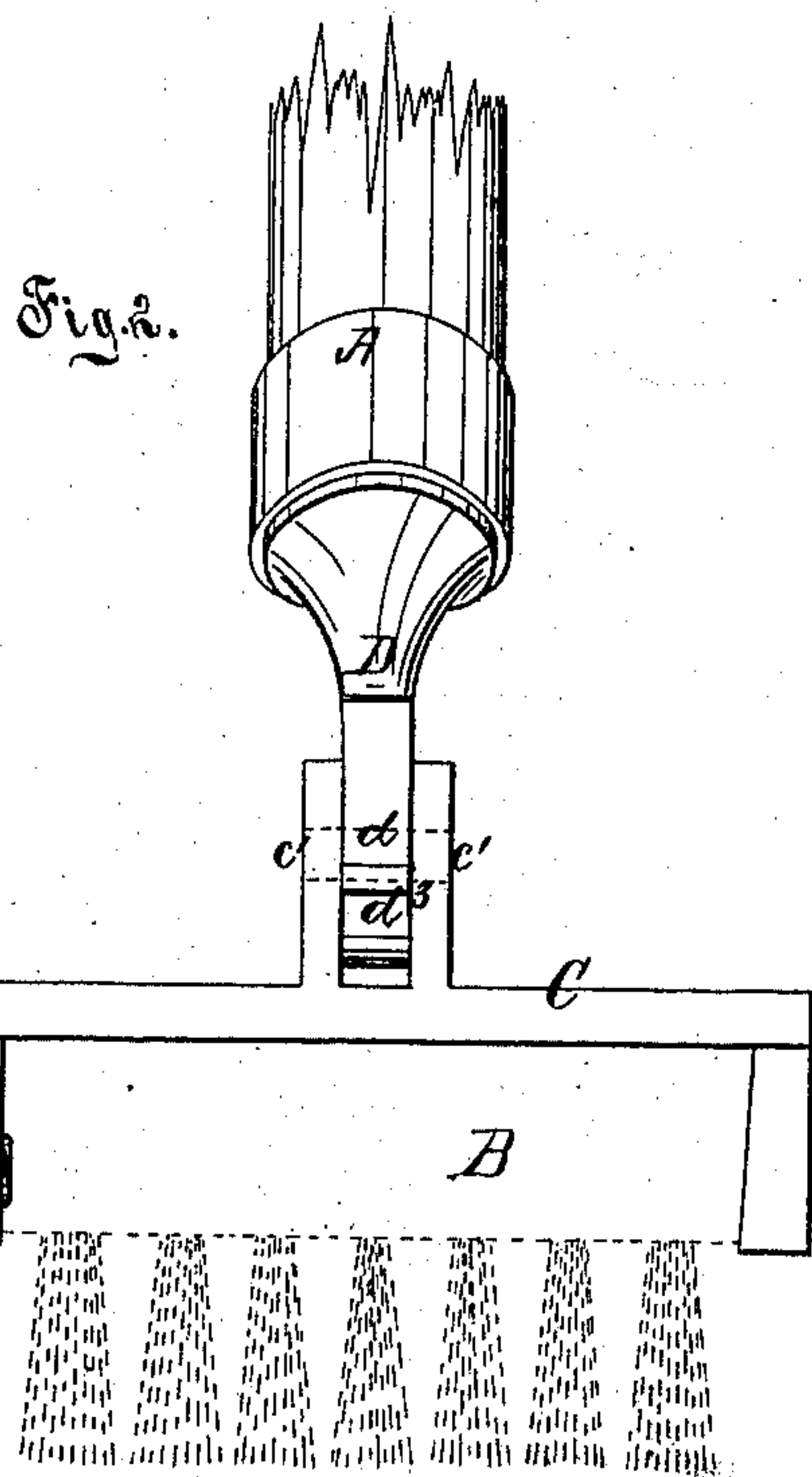
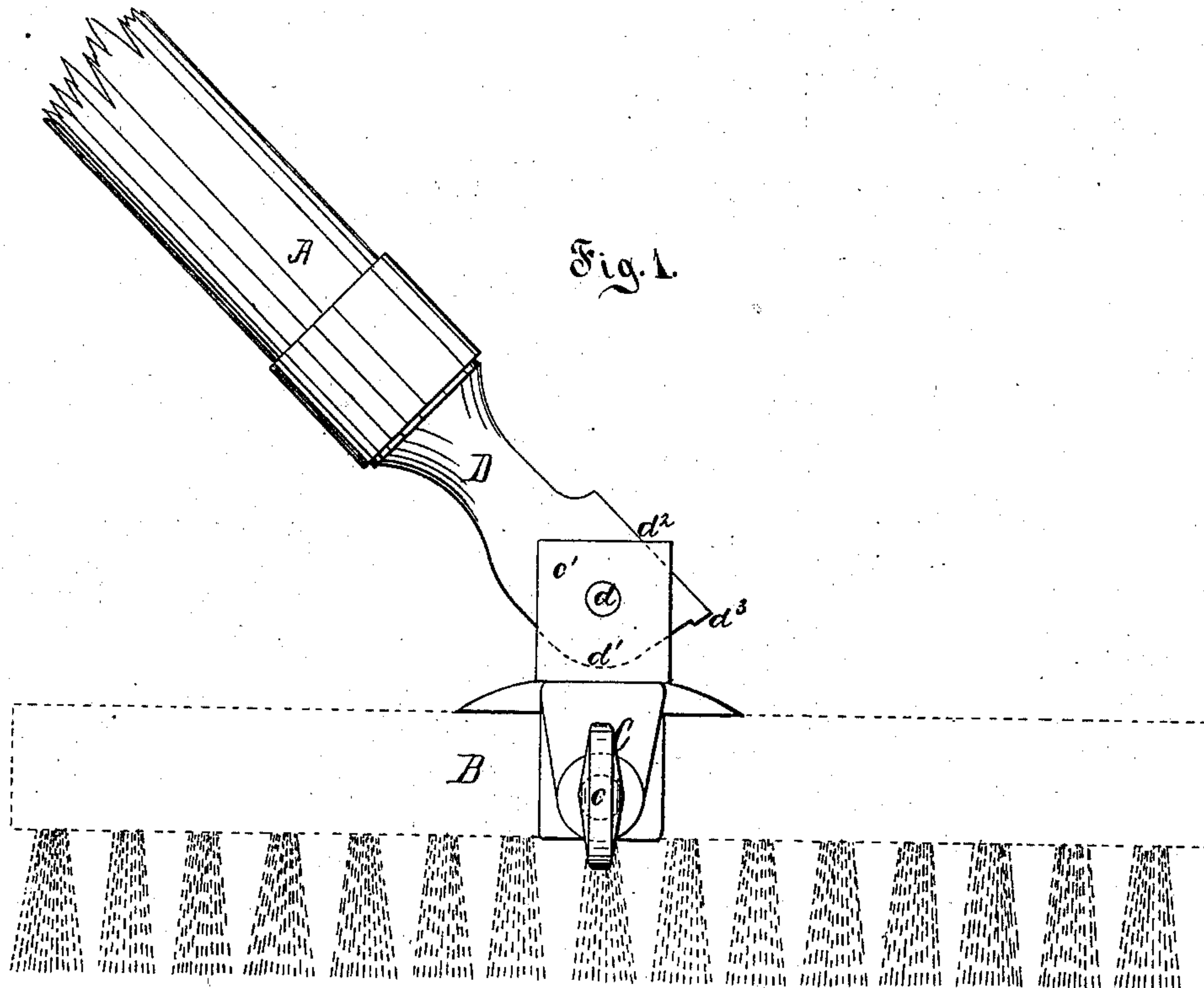


J. M. WILKINSON.
Scrubbing-Brushes.

No. 198,828.

Patented Jan. 1, 1878.



Witnesses:
Theodore Foster.
B. S. Clark.

Inventor:
John M. Wilkinson.
By Fitch & Fitch
his Attys.

UNITED STATES PATENT OFFICE.

JOHN M. WILKINSON, OF PHOENIXVILLE, PENNSYLVANIA.

IMPROVEMENT IN SCRUBBING-BRUSHES.

Specification forming part of Letters Patent No. **198,828**, dated January 1, 1878; application filed July 10, 1877.

To all whom it may concern:

Be it known that I, JOHN M. WILKINSON, of Phoenixville, county of Chester, in the State of Pennsylvania, have invented an Improved Handle or Holder for Scrub-Brushes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a handle for holding and operating a scrub-brush, or its equivalent implement, on the end of a long pole or stick; and it consists in the combination, with the binding-clamp for retaining the brush, of the peculiar joint or pivot-arm hereinafter shown and described, and as more particularly recited in the claim.

Figure 1 is a side elevation, and Fig. 2 an end view, of my device.

At A is shown the end of the pole or long handle. At B is shown the brush. C is a clamp for retaining the brush, made in the usual form, and into which the back or body of the brush fits, the binding thumb-screw c operating to secure the brush tightly in the clamp. Upon the end of the handle A is secured a short arm, D, which is preferably of metal, such as cast-iron. This arm is pivoted to the clamp by means of a pin, d , which passes through it, and two lugs, c' c' , which are fixed on the top of the clamp, and are a sufficient distance apart to permit the end of the arm, which is flattened, to fit between them. Upon one side or edge the flattened end of the arm D is curved at its extremity around to its opposite edge, as seen at d^1 , while said opposite edge is a right line from the line of the handle A to and perpendicular to the top of the clamp C, as seen at d^2 . At the extremity of this edge d^2 is formed a heel or projection, d^3 .

In operation, my device enables the person

using the brush to pass it freely over any surface, and at the same time maintain the face of the brush flat on such surface, and cause all the pressure exerted on the handle to be felt over the entire face of the brush. The curved edge d^1 permits the brush held by the clamp to swing freely on the handle, and thus enables the handle to be moved or changed in its position, relative to the brush, in moving the brush forward and backward, from and to the operator, without disturbing the position of the brush relative to the surface on which it is being used. Thus the operator is enabled to give to and control the brush with the same motion at the end of a long handle that would be possible were the brush used in the hand and the motion of the wrist brought into play. Moreover, the stooping and rising of the operator, as is occasioned when the brush is immovable on the end of a long handle, is obviated. The brush is prevented from passing entirely around the pivot e by the projection d^3 , which, when the pole or handle is brought perpendicular to the clamp and brush, impinges upon the top of the clamp, and thus prevents the brush swinging or passing to that side.

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

The combination of handle A, arm D, having flattened end, curved edge d^1 , straight edge d^2 , and projection d^3 , and brush-clamp C, having thumb-screw c and lugs c' , together with pin d , all arranged to operate as and for the purpose specified.

JOHN M. WILKINSON.

Witnesses:

JEROME JOHN,
H. H. GILKYSON.