

J. Boggs.

Brush.

N^o 54,284.

Patented May 1, 1866.

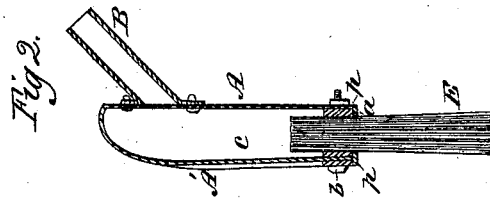
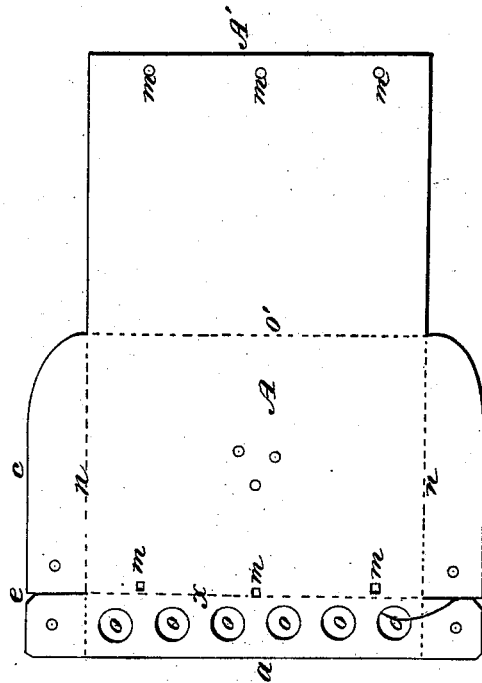


Fig 1.



Witnesses.

P. T. Dodge

James E. Dean

Inventor.

Joseph Boggs
by his atty.

W. Dodge

UNITED STATES PATENT OFFICE.

JOSEPH BOGGS, OF HARRISBURG, PENNSYLVANIA.

IMPROVED BRUSH.

Specification forming part of Letters Patent No. 54,284, dated May 1, 1866.

To all whom it may concern:

Be it known that I, JOSEPH BOGGS, of Harrisburg, in the county of Dauphin and State of Pennsylvania, have invented certain new and useful Improvements in the Construction of Brushes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use the invention, I will proceed to describe it.

My invention consists in forming the head or body of the brush of sheet metal cut in such a form as when properly folded to form the head complete, and in securing the bristles therein by means of screws or bolts, so that they may be removed and replaced at pleasure.

In Figure 1, A represents a piece of sheet metal of any suitable kind, cut in the form shown, to form the head or body of an ordinary whitewash-brush. A series of holes, *o*, are made in it along the side *a*, and slits *c* are cut in each edge equal in extent to the thickness that it is intended to make the brush. The end *a* is then turned up along the line *x*, and the side pieces, *c*, being bent or turned up on the lines *n*, so as to cause these parts to stand at a right angle to the main portion. The rear portion, A', is then bent over parallel with A, thus forming the head complete, as

shown in section in Fig. 2. Small strips of wood *p* are inserted, as shown in Fig. 2, so as to come in contact with the bristles *E* on each side when the latter are inserted through the holes *o*, as shown in Fig. 2. Bolts *b* are then inserted through the holes *m* and the nuts thereon screwed up tight, thus securely fastening the bristles in place.

A socket, B, for the reception of a handle is riveted to the case or body, as shown in Fig. 2, this, of course, being attached before the case is folded together. It will be understood that if made of sheet-iron it should be coated with zinc or otherwise protected from rust.

It is obvious that brushes for all ordinary purposes may be thus constructed, especially all flat brushes; and then when used in paint they need not be galvanized. By this means the bristles, when worn, may be removed and fresh ones supplied in their place in a brief period and with very little trouble, indeed, thus enabling persons to construct their own brushes wherever the bristles can be had and whenever desired.

Having thus described my invention, what I claim is—

The brush head or body, constructed of a piece of sheet metal cut and folded in the required form, substantially as shown and described.

JOSEPH BOGGS.

Witnesses:

W. C. DODGE,
P. T. DODGE.