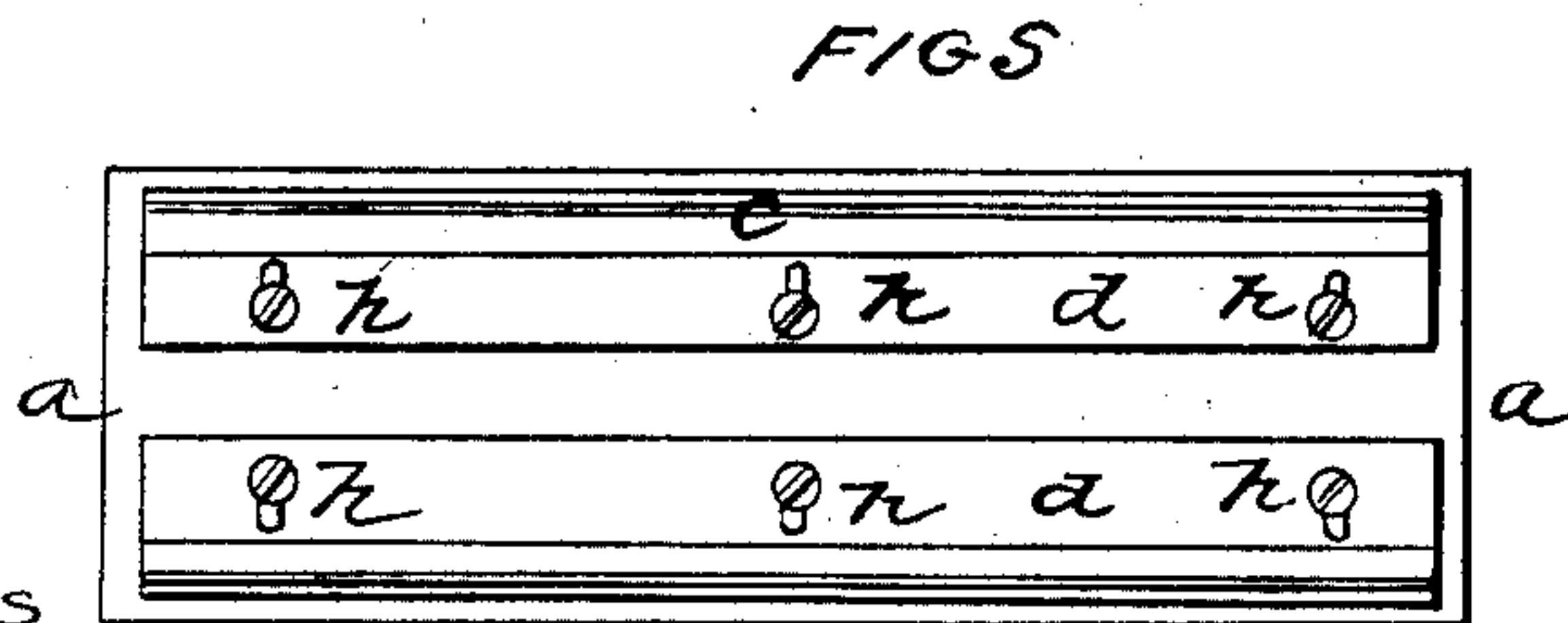
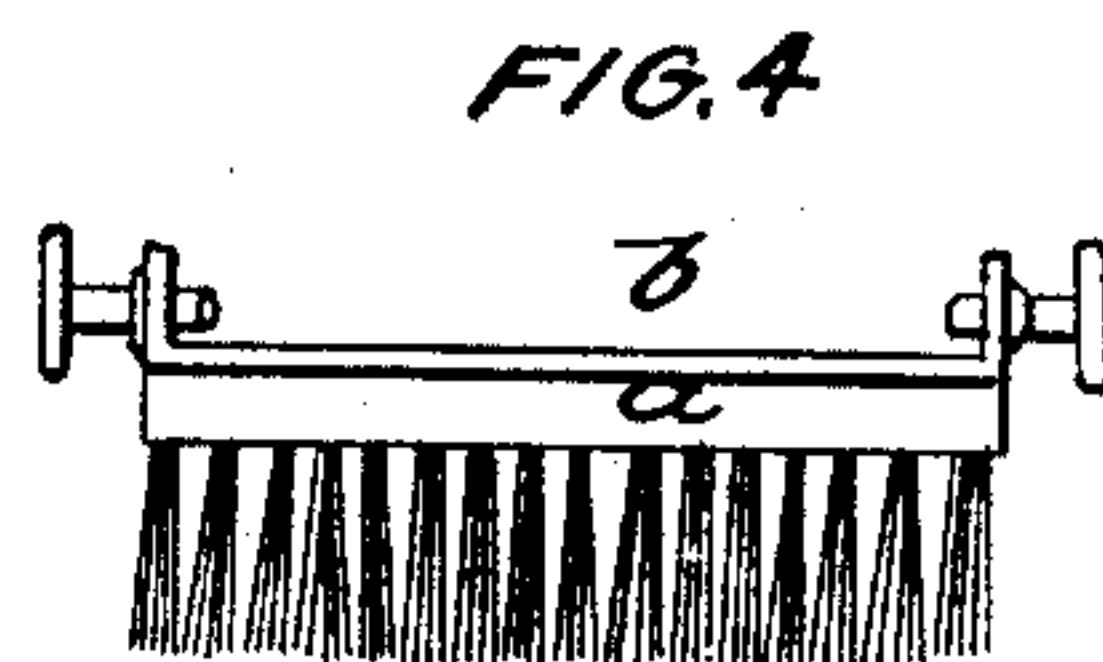
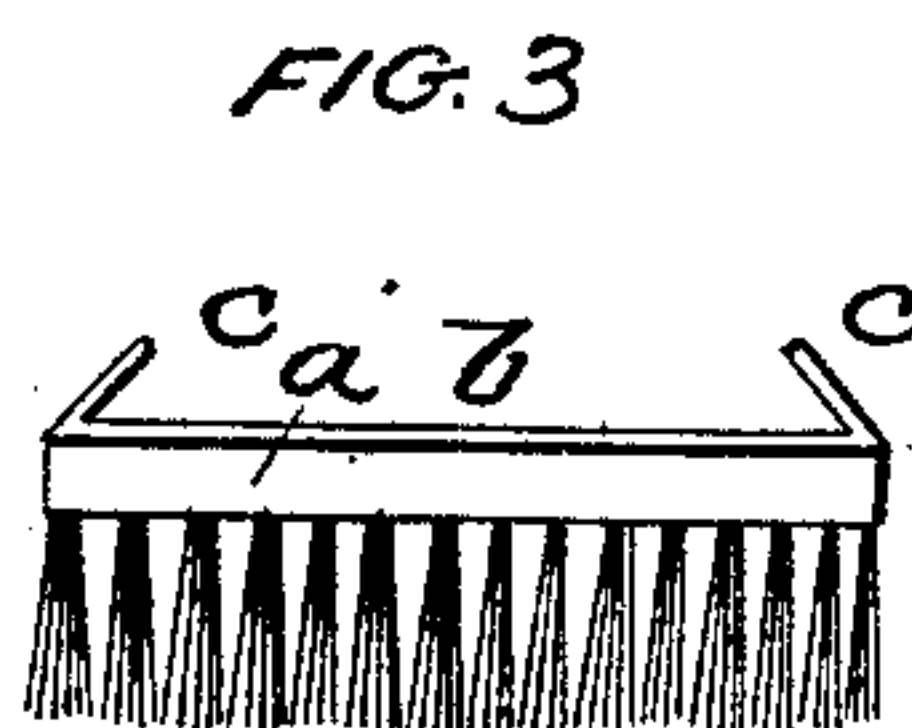
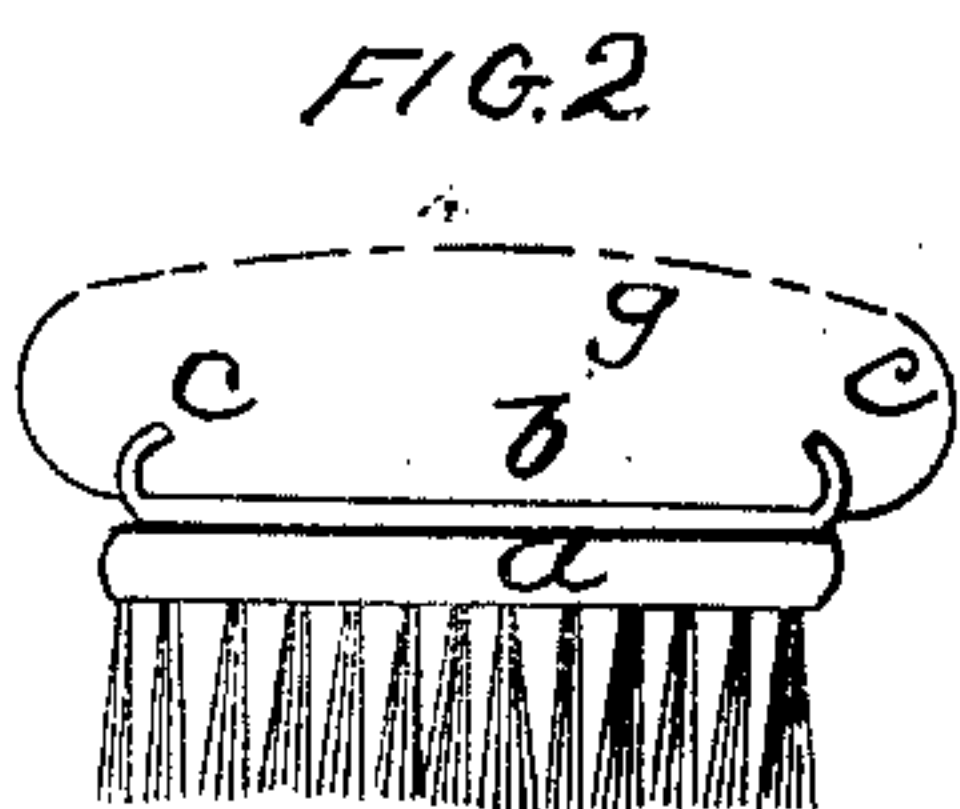
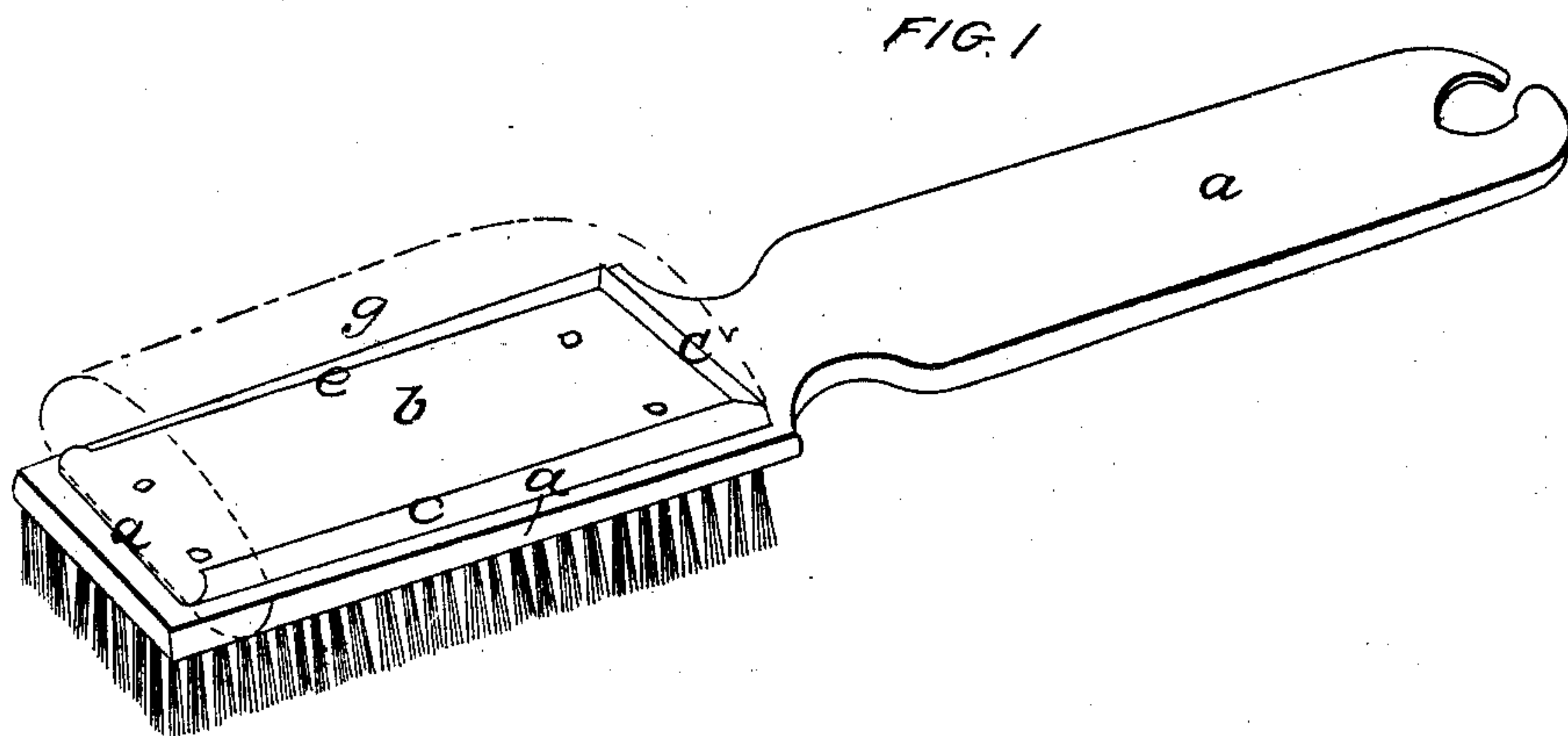


W. TUSCH.

Brush.

No. 28,422.

Patented May 22, 1860.



WITNESSES

R. J. Campbell
@mit

INVENTOR

Wm. Tusch

UNITED STATES PATENT OFFICE.

WILLIAM TUSCH, OF BROOKLYN, NEW YORK.

BRUSH.

Specification of Letters Patent No. 28,422, dated May 22, 1860.

To all whom it may concern:

Be it known that I, WILLIAM TUSCH, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Brushes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1, represents a perspective view of a brush with my improvement combined with it. Fig. 2, is an end view of the same. Figs. 3 and 4, are modifications of Figs. 1 and 2. Fig. 5, shows a means for extending or contracting the plates on the brush back.

Similar letters of reference indicate corresponding parts in the several figures.

To enable those skilled in the art to fully understand my invention I will proceed to describe its construction and operation.

In the drawings, *a*, represents an ordinary finger nail or hand washing brush to the back of which is secured a thin plate *b*, the side and back edges of which are turned up, forming semi-circular curves *c*, which may have their edges sharpened if found desirable. These curved edged plates may be riveted to the back of the brush as represented, or they may be made to form the brush back itself, as represented in Fig. 3, in which the edges of the back are bent over so as to form acute angles with the back. The portions *c*, *c*, *c'*, that project up from the sides of the brush back should be of sufficient length to hold the cake of soap when they are buried into it firmly to the back of the brush, and it will be seen that by sliding the soap onto the back from one end of the same, that these projecting curved or angular plates will receive and hold a wider piece of soap than the back of the brush, as shown in Fig. 2, *g*, being the soap and *c* the

curved holding edges of the plate *b*. In the brush of Fig. 3, a dove-tail recess or groove is formed by binding the edges of the plates over at acute angles, which, when they are sunk into a cake of soap by sliding the soap in the groove from endwise, a corresponding male dove-tail will be formed on the soap which will hold the same firmly until entirely used up, still the edges *c*, *c*, will not in any way be liable to injure the hands as there will be no projection beyond the surface of the soap.

Should it be found desirable to use pieces of soap only the width of the brush back, two parallel strips *d*, *d*, Fig. 5, having slots in them may be secured to each side of the back of the brush and by suitable set screws *h*, *h*, they may be made adjustable, so as to be contracted or extended, and thus set for receiving a very narrow piece of soap or a very wide piece.

Fig. 4, is a plan where the edges of a plate are turned up at right angles to the back of the brush, and one, two, or more set screws are used to clamp and confine the cake of soap, this plan is not as preferable as those of Figs. 1, 2, 3, and 4, above described.

(The back part of the brush and the plate which secures the soap may be perforated to allow the escape of any water that may enter beneath the soap.)

Having thus described my invention I claim and desire to secure by Letters Patent as an improved article of manufacture—

A brush having its back provided with curved or angular plates which will cut into and hold the soap when the latter is pushed thereon as herein shown and described.

WM. TUSCH.

Witnesses:

R. J. CAMPBELL,
B. MIX.