No. 639,376. Patented Dec. 19, 1899.

C. L. GOEHRING.

BRUSH.

(Application filed Apr. 21, 1899.)

(No Model.)

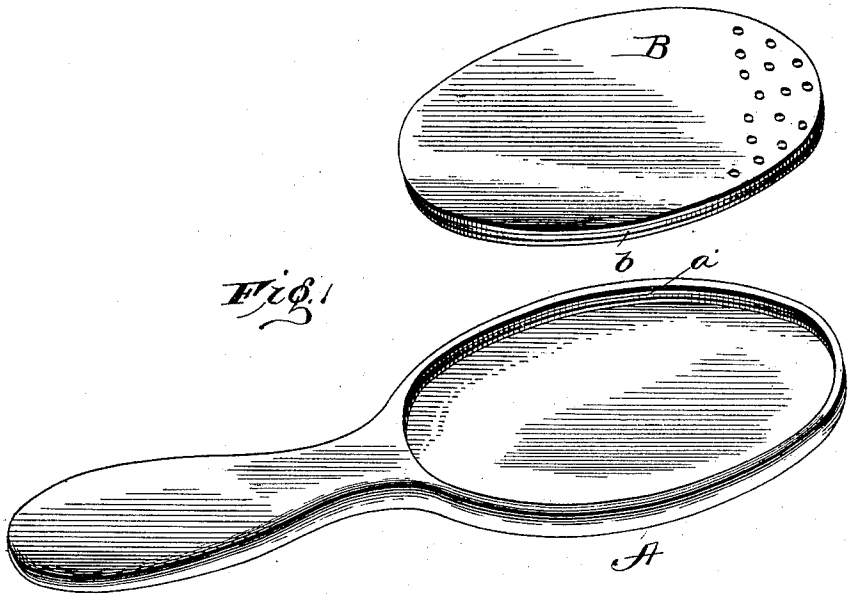
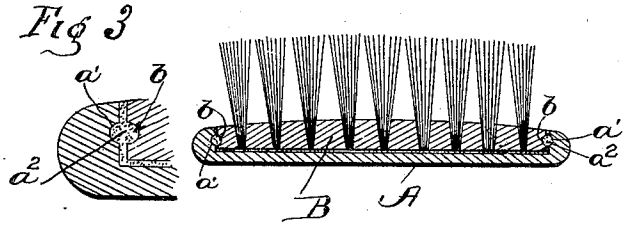


Fig. 1.

Fig. 2.

Fig 3



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES L. GOEHRING, OF CHICAGO, ILLINOIS.

BRUSH.

SPECIFICATION forming part of Letters Patent No. 639,376, dated December 19, 1899.

Application filed April 21, 1899. Serial No. 713,952. (No model.)

To all whom it may concern:

Be it known that I, CHARLES L. GOEHRING, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Brushes; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, and to the letters of reference marked thereon.

This invention relates to improvements in brushes, particularly hair-brushes, and especially to that class of brushes in which the bristles are secured in a pad or block made separate from the brush-back, but adapted to be secured thereto; and it has for its object to provide a new and improved means for securing the bristle pad or block in position on the back.

To this end the invention consists in certain novel details of construction and combinations and arrangements of parts, all as will be now described, and the particular features of novelty pointed out in the appended claim.

In the drawings, Figure 1 is a perspective view of the brush-back and bristle-pad constructed in accordance with my invention, the two being shown separated. Fig. 2 is a cross-section taken through the back and pad united. Fig. 3 is an enlarged detail sectional view.

Like letters of reference in the several figures indicate the same parts.

The letter A indicates the brush-back, of any suitable material—such as celluloid, rubber, wood, &c.—routed or hollowed out, as shown, to form a recess for the reception of the bristle-pad. In the inside of the flange or wall of the recess in the back is formed a groove a', extending entirely around said recess. The bristle-pad B, also formed of celluloid, rubber, wood, &c., is shaped to fit the cavity or recess in the back and is also provided with a groove b around its edge, as shown. The grooves in the back and pad are preferably so placed that when the pad is fitted in the recess in the back the grooves will come approximately opposite each other.

In order to hold the bristle pad or block in place, a cement or retaining mixture is applied in the recess or to the pad and which when the pad is put in place is forced up between the edge of the pad and wall of the recess and into the grooves in said pad and back, as shown at a^2 in Fig. 2, forming a key or dowel which holds the pad and back firmly united.

It will be seen that the parts of the brush may be quickly united, no screws or other holding means being necessary. Any kind of holding mixture may be employed for uniting the parts; but a quick-drying water-proof cement is preferred. The cement forms a key, entering both the pad and back and holding both securely against warping or twisting out of shape under the influence of moisture.

While the invention has been illustrated and described in connection with a hair-brush, it will of course be understood that it is not limited to this specific kind of brush and is equally applicable to other kinds of brushes.

Having described my invention, what I claim as new, and desire to secure by Letters Patent of the United States of America, is—

In a brush, the combination with the back having the recess to receive the bristle pad or block formed with a groove along the flange on the inside thereof, of a bristle pad or block having a groove formed in the edge adapted to register with the groove in the flange of the back when in place, and a holding-cement interposed between the pad and block and filling said groove to form a key whereby the back and pad are held firmly united; substantially as described.

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Witnesses:

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