

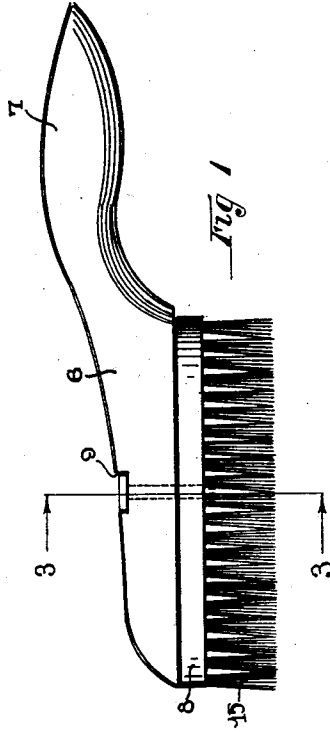
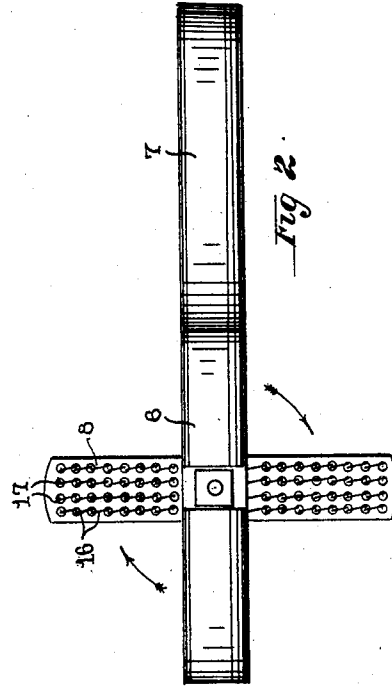
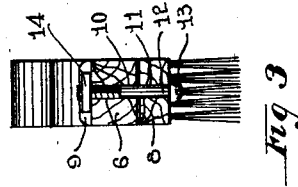
F. A. SHELTON.

BRUSH.

APPLICATION FILED JAN. 7, 1921.

1,399,368.

Patented Dec. 6, 1921.



Witnesses
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UNITED STATES PATENT OFFICE.

FREDERICK A. SHELTON, OF CHICAGO, ILLINOIS.

BRUSH.

1,399,368.

Specification of Letters Patent.

Patented Dec. 6, 1921.

Application filed January 7, 1921. Serial No. 435,584.

To all whom it may concern:

Be it known that I, FREDERICK A. SHELTON, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Brushes, of which the following is a specification.

My invention relates to new and useful improvements in brushes and has for its object the provision of a brush comprising means which will enable the bristles to be worn down equally on both ends of the brush, and which will be economical of manufacture, simple in structure and highly efficient in use.

Other objects will appear hereinafter.

The handled brushes, such as hat brushes, clothes brushes, shoe brushes, and the like, ordinarily used have the bristles attached directly to the body member, and in these devices the bristles at the toe or front end of the brush will wear down considerably without any material wear taking place on the heel or rear of the brush. It is to obviate this unequal wearing of the bristles that applicant has provided a bristle bearing member independent of the main body portion of the brush and swingable or reversible with respect to the main body portion of said brush.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a side elevation of the brush;

Fig. 2 is a plan view, showing the bristle bearing member swung 90° from the normal, and,

Fig. 3 is a vertical section on line 3—3, Fig. 1.

The invention as illustrated in the drawing comprises a brush having a body portion 6 provided with a handle 7 and a bristle bearing member 8. A slot 9 is provided on the back of the brush from which leads an opening 10 extending through the body member of the brush, and a corresponding opening 11 extends through the bristle bearing member. A threaded member 12 passes through the openings 10 and 11 in the brush and bristle bearing members, respectively, said threaded member being provided

with a grooved head 13 which bears against the lower face of said bristle bearing member and engages a nut 14 non-rotatably seated in the slot 9. This threaded member and nut serve to retain the bristle bearing member in position upon the body portion of the brush by tightening said threaded member, as by means of a screw driver; and by slightly loosening the said threaded member the bristle bearing member may be swung upon said threaded member as an axis reversing the two ends of the bristle bearing member with respect to the body portion of the brush, thereby bringing the heel with the unworn bristles in the former position of the toe with its worn bristles, thus permitting the bristles upon both ends to be worn equally. These bristles may consist of hair, wire, rubber, fiber or the like. The bristles 15 are retained within the bearing member 8 in any convenient manner, as by means of wires 16 protruding through openings 17 to the back of the bearing member 8. These protruding portions of the bristle retaining wires or elements 16 upon the back of the bearing member serve also to retain the said bearing member in proper position upon the body member of the brush when the threaded member is tightened.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A brush comprising a hand engaged member, a bristle bearing member, means passing through openings in said members for retaining said members in position and also permitting said members to be reversed with respect to each other, and means for fastening said bristles in said bristle bearing member, said means projecting beyond the back of said member for assisting said retaining means to retain said members in position.

2. A brush comprising a body member provided with a slot on the back thereof and an opening extending from said slot, a bris-

the bearing member provided with an opening, a threaded member passing through said openings permitting said bristle bearing member to be swung upon said body member, a nut nonrotatably seated in said slot engaging said threaded member to retain said bristle bearing member in position upon said body member, and means for fastening said bristles in said bearing member and
10 forming projections on the back of said bearing member to assist in retaining said members in position.

3. A brush comprising a body member provided with an opening, a bristle bearing
15 member provided with an opening, a

threaded member passing through said openings, and wires for fastening said bristles in said bearing member and forming projections on the back of the bristle bearing member to engage the body member and assist the threaded member to retain said bristle bearing member in proper position on said body member. 20

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses. 25

FREDERICK A. SHELTON.

Witnesses:

JOSHUA R. H. POTTS,
FREDA C. APPLETON.