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H. S. BAIRD

BACK FOR BRUSHES

Filed May 31, 1922

Fig. 1.

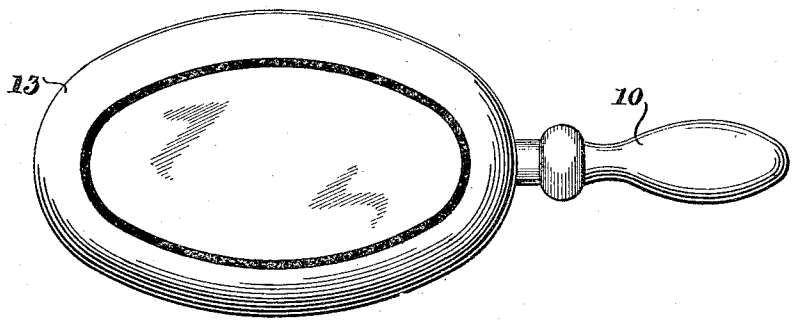


Fig. 2.

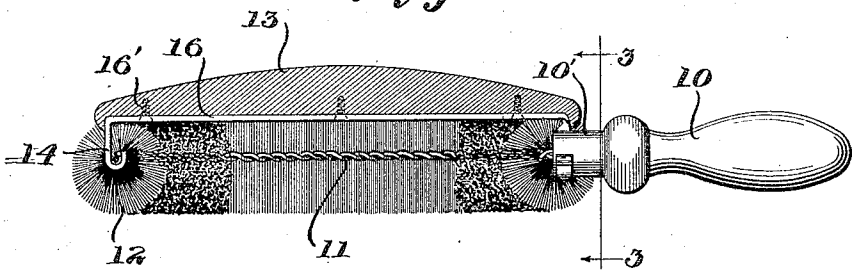
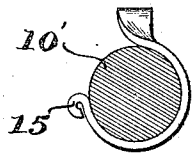


Fig. 3.



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UNITED STATES PATENT OFFICE.

HANSEL S. BAIRD, OF DENVER, COLORADO.

BACK FOR BRUSHES.

Application filed May 31, 1922. Serial No. 564,779.

To all whom it may concern:

Be it known that I, HANSEL S. BAIRD, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Backs for Brushes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to brushes and more particularly to brushes of the type wherein the bristles are held in twisted wire, the bristles radiating in all directions from the wire. Brushes of this type, while very satisfactory for most purposes, are open to certain objections as, for instance, when used for brushing the hair the latter becomes tangled in the bristles, the brush looks unfinished and incomplete, and, moreover, dirt and dust will settle into the bristles from above when the brush is not in use. It is an object of the invention to obviate these and similar objections by providing a back for brushes of this type. The back is so disposed over one side of the brush that no damage is done to the bristles and is removably secured to the brush to facilitate cleaning of the latter and to allow placing of the back on either side of the brush.

Referring to the drawings,

Figure 1 is a plan view of a brush provided with a removable back in accordance with my invention;

Fig. 2 is a vertical section taken through the brush showing the manner of securing the back to the brush, some of the bristles having been omitted for clarity of showing, and

Fig. 3 is a section on line 3—3 of Fig. 2.

In the drawings, 10 indicates a handle adapted to support the terminal ends of a bristle-supporting member comprising, in the present instance, a loop of twisted wire 11 within which the bristles 12 are secured. As shown the bristles radiate in all directions from the wire. The bristle-supporting member is looped into the form of an oval, this being a common form in this type of brush.

The back is indicated at 13 and may have any desired exterior contour. The under side of the back, however, is preferably flat and is provided with means for removably securing the back to the brush. The securing means at one end of the back, preferably takes the form of a hook 14 which projects away from the flat face of the brush, said hook engaging under the wire 11 at the loop thereof and being of sufficient length not to crowd the back down upon the bristles. The securing means at the other end of the back preferably takes the form of a snap hook 15 which is adapted to be engaged about somewhat more than half of the periphery of the stem 10′ of the handle 10, this hook, like the hook 14, also being of sufficient length so as not to unduly crowd the bristles. The hook members are secured to the back 13 in any suitable manner. I prefer, however, to make the hooks from the terminal ends of a spring strip 16, said strip being secured to the back in any suitable manner as by screws 16′. This manner of making the hooks is preferred in the interest of simplicity and economy of manufacture.

The improved back can be very easily removed from the brush by merely disengaging the spring hook 15 from the stem 10′ of the handle and then unhooking the hook 14 from the loop of the brush. The easy removability of the back is an important feature of the invention since the sanitary features are thereby easily maintained.

The improved back may be made of any suitable substance, as will be readily understood. The invention makes possible the use of the looped wire-twisted bristle brush for hair brushing without the attendant disadvantages naturally inherent to brushes of this type.

What I claim is:

1. The combination with a brush comprising a handle and looped bristle-supporting member having its ends secured in one end of the handle, bristles radiating from said member, of a back on one side of the brush, means securing the back to the brush comprising hooks projecting from either end of the back, one of said hooks engaging the bristle-supporting member at the loop there-

of and the other hook extending partially around the body of the handle.

2. The combination with a brush comprising a looped member having bristles extending radially therefrom, said member having a handle extending therefrom, of a back adapted to be disposed over one side of said brush, means for detachably securing the back to the brush comprising a hook depending from said back and adapted to extend between the bristles and engage said member at one end thereof, and a second hook depending from said member and adapted to snap over the butt of the handle.

In testimony whereof I affix my signature.

HANSEL S. BAIRD.