

(No Model.)

J. B. MITCHELL.
COMBINED BRUSH AND SOAP.

No. 419,275.

Patented Jan. 14, 1890.

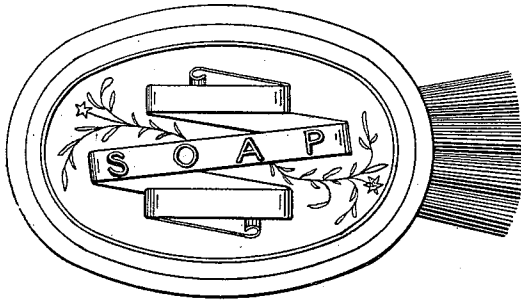


Fig. 1.

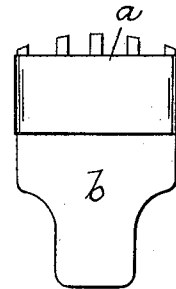


Fig. 4.

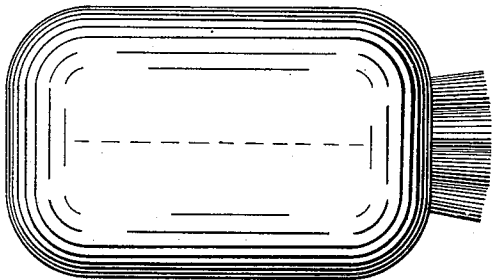


Fig. 2.

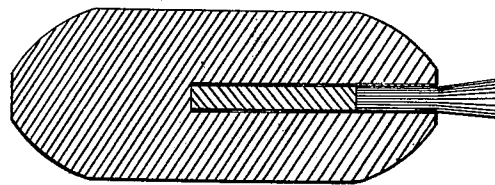


Fig. 3.

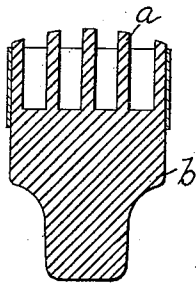


Fig. 5.

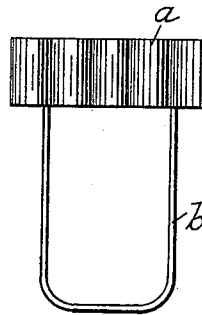


Fig. 6.

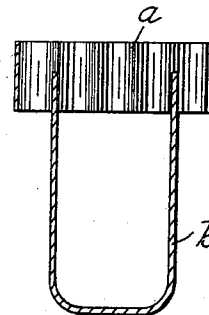


Fig. 7.

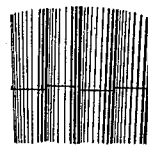


Fig. 8.

Witnesses
Geo. V. Gernald
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UNITED STATES PATENT OFFICE.

JOHN B. MITCHELL, OF PORTLAND, MAINE, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO THE CENTRAL CITY SOAP COMPANY, OF JACKSON, MICHIGAN.

COMBINED BRUSH AND SOAP.

SPECIFICATION forming part of Letters Patent No. 419,275, dated January 14, 1890.

Application filed July 13, 1887. Serial No. 244,157. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. MITCHELL, of Portland, in the county of Cumberland and State of Maine, have invented certain new and useful Improvements in Combined Brush and Soap; and I do hereby declare that the following is a full, clear, and exact description of the invention, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification.

My invention consists of a brush and cake of soap combined into one article for use.

The object of my invention is to furnish a flesh-brush, chiefly for use on the hands, in connection with the soap itself and of which the soap forms the handle, so that the brush may be used upon the hands at the same time that the soap is applied. The brush is formed of such size and material that it may be furnished cheaply in connection with every cake of soap without unduly increasing the cost of the soap, and is embedded in the soap, so as to leave a suitable part of the brush projecting therefrom.

In the accompanying drawings, Figures 1 and 2 show the sides of the cake of soap with the brush attached. Fig. 3 is a section lengthwise through the soap and brush. Fig. 4 is a plan view of the frame suitable for holding the bristles, and Fig. 5 is a section of the same. Figs. 6 and 7 show in plan and section a modified form of frame for holding the bristles, which are shown in Fig. 8.

The bristles may be attached to the soap after or during the manufacture of the cake—that is to say, the cake may be molded, and

after it has been taken from the mold a hole or holes may be punched therein. The bristles may be surrounded by waterproofing cement or paraffine or similar material applied to that part which is inserted in the soap.

If it is desired to attach the brush while the soap is being molded, there may be first prepared a frame for the brush, such as are shown in Figs. 4 and 7, inclusive, *a* being the frame in which the bristles are placed, and *b* that part of the frame or a wire which, when embedded in the cake of soap, holds the brush firmly in position. The brush so constructed is fixed within the mold in such position that the bristles will occupy a proper position at the end or side of the soap. The soap is then molded in the ordinary manner, and when hardened about the frame of the brush holds the latter firmly fixed and ready for use.

The brush as combined with the soap is found to be of great convenience in removing grime and dirt from the hands.

While I have described a brush in connection with a cake of soap, I do not limit myself to the form of cake, as the soap may be in the form of an ordinary bar of soap.

I claim—

As a new article of manufacture, a brush having a handle of soap.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of July, 1887.

JOHN B. MITCHELL.

Witnesses:

GEO. E. BIRD,
HENRY H. DAVIS.