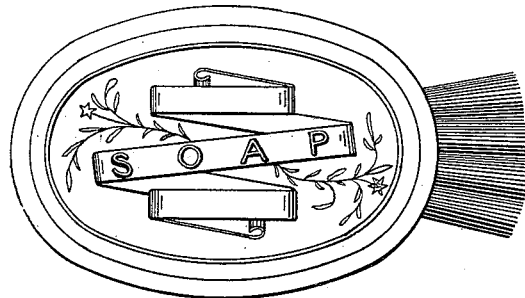


(No Model.)

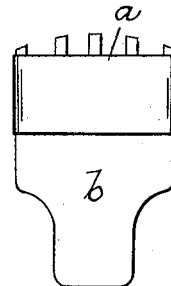
J. B. MITCHELL.  
COMBINED BRUSH AND SOAP.

No. 419,275.

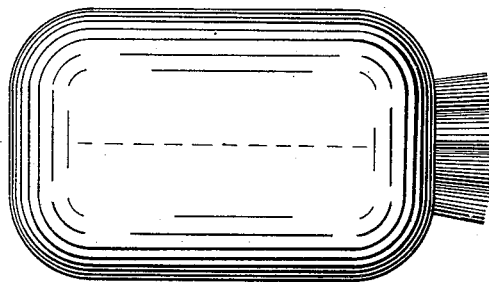
Patented Jan. 14, 1890.



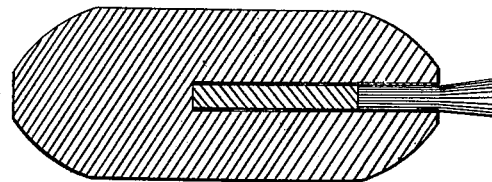
*Fig. 1.*



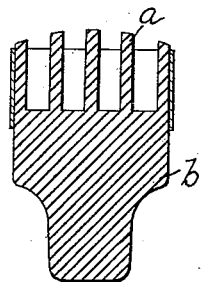
*Fig. 4.*



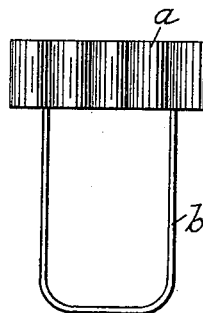
*Fig. 2.*



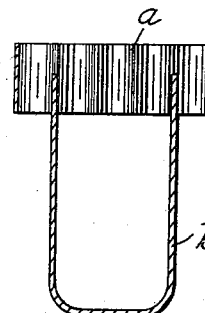
*Fig. 3.*



*Fig. 5.*



*Fig. 6.*



*Fig. 7.*



*Fig. 8.*

*Witnesses*  
*Geo. V. Gemald*  
*Edward H. Foster.*

*Inventor*  
*John B. Mitchell*  
BY *Geo. R. Bird*, ATTORNEY

# UNITED STATES PATENT OFFICE.

JOHN B. MITCHELL, OF PORTLAND, MAINE, ASSIGNOR, BY DIRECT AND  
MESNE ASSIGNMENTS, TO THE CENTRAL CITY SOAP COMPANY, OF JACK-  
SON, 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  
5 useful Improvements in Combined Brush and  
Soap; and I do hereby declare that the fol-  
lowing 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  
10 use the same, reference being had to the ac-  
companying drawings, forming a part of this  
specification.

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

15 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  
20 that the soap is applied. The brush is formed  
of such size and material that it may be fur-  
nished cheaply in connection with every cake  
of soap without unduly increasing the cost of  
the soap, and is embedded in the soap, so as  
25 to leave a suitable part of the brush project-  
ing 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 length-  
30 wise 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 bris-  
35 tles, 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 bris- 40  
tles may be surrounded by waterproofing  
cement or paraffine or similar material ap-  
plied to that part which is inserted in the  
soap.

If it is desired to attach the brush while 45  
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 50  
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 55  
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 60  
grime and dirt from the hands.

While I have described a brush in connec-  
tion 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. 65

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 70  
July, 1887.

JOHN B. MITCHELL.

Witnesses:

GEO. E. BIRD,  
HENRY H. DAVIS.