A. L. BROWN.

COMBINED SOAP STICK AND BRUSH.

APPLICATION FILED MAR. 16, 1907.

968,027. Patented Aug. 23, 1910.

Fig. 1

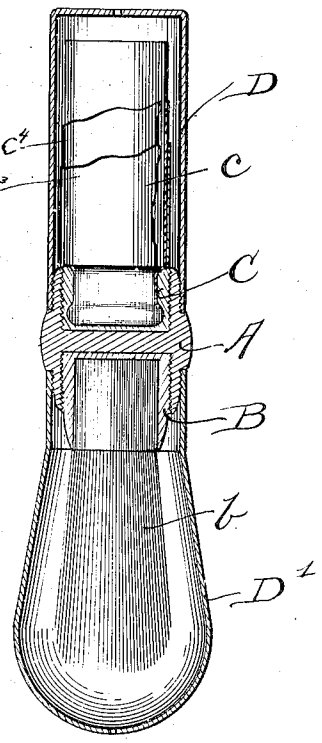


Fig. 2

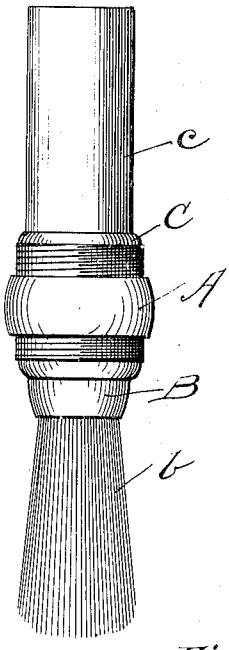


Fig. 4.

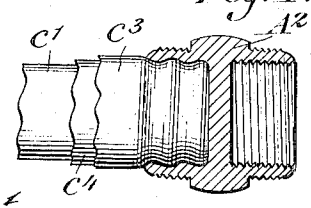
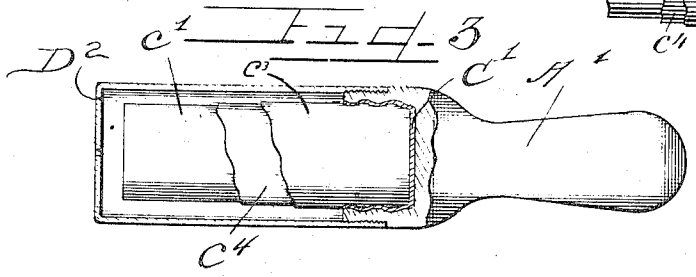


Fig. 3



Witnesses

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UNITED STATES PATENT OFFICE.

ARTHUR L. BROWN, OF MUSKEGON, MICHIGAN.

COMBINED SOAP STICK AND BRUSH.

968,027. Specification of Letters Patent. Patented Aug. 23, 1910.

Application filed March 16, 1907. Serial No. 362,745.

To all whom it may concern:

Be it known that I, ARTHUR L. BROWN, a citizen of the United States, and a resident of the city of Muskegon, in the county of Muskegon and State of Michigan, have invented certain new and useful Improvements in Combined Soap Sticks and Brushes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

It is an object of this invention to afford a construction whereby either the soap stick or shaving brush may be renewed in the connector or holder when injured or worn out, and in which both the soap stick and brush are, when not in use, entirely inclosed.

It is a further object of this invention to afford an exceedingly cheap, simple and durable construction adapted for universal use, and in which the parts are interchangeable.

The invention consists in the features hereinafter described and more fully pointed out and defined in the appended claims.

In the drawing: Figure 1 is a central vertical sectional view of a device embodying my invention, and showing the soap stick and brush inclosed. Fig. 2 is a side elevation of the same with the casings removed. Fig. 3 is a longitudinal sectional view of a modified form of soap stick and handle. Fig. 4 is a central longitudinal sectional view of a modified form of device embodying my invention illustrating a threaded soap stick screwed directly into a connector.

As shown in the said drawing:—The reference letter A indicates a connector provided in its opposite ends with screw threaded sockets, and in which are screwed respectively the brush head B, in which the brush material *b* is rigidly secured, and the head C of the soap stick *c*. Said connector and said heads may be made of metal or of celluloid or any suitable material, and the head C for the soap stick *c* is reamed out at its inner end to afford a larger internal diameter at said inner end than at its outer end, so that a soap stick when molded in place therein will be firmly retained, as shown in Fig. 1. Or, if desired, the head may be threaded or corrugated, as shown at C′ in Fig. 3, to rigidly engage the inner end of the soap stick *c*′. The outer end of the brush head B extends beyond the socket and is shaped to afford a desirable finish for the brush.

The opposite ends of the connector A are threaded on the outer side to receive casings D, D′, inclosing the soap stick and brush respectively. The casing D′ is shown swelled and rounded at its outer end to afford a possibly more convenient handle than the soap stick casing D. Said casings are provided with small apertures in their outer ends to permit dissipation of moisture from the brush and stick.

In the modification shown in Fig. 3 a handle A′ is provided with a threaded socket at one end adapted to receive a soap stick head C′, which is interiorly threaded to receive in turn the soap stick *c*′. Said soap stick *c*′ provided with stiffening layers c^3, c^4 of suitable material is threaded at one end to engage directly in the head C′.

As shown in the modification in Fig. 4, a connector A^2 is provided, which may be similar to connector A of Fig. 1, or of any preferred form, and is provided with threaded sockets on its opposite ends, one of which is adapted to receive a brush head like brush head B of Fig. 1, while the other is adapted to receive a soap stick *c*′ preferably provided with stiffening layers c^3, c^4, and threaded at one end to directly engage in said socket. Any suitable casing or covering may be provided for said brush and soap stick as before described. The stiffening layers c^3, c^4, are for the purpose of strengthening the soap stick and for protecting the same from contamination when in use, the same being composed preferably of stiff paper, and being stripped away as the soap stick is consumed.

The operation is as follows:—The connector A is so constructed that either the brush or the soap stick may be engaged in either end thereof, while the casings D, D′, interchangeably thread onto said connector to cover either the brush or the soap stick. The soap stick as shown is permanently engaged in a head C or C′, which is so shaped as to rigidly but detachably connect said soap stick with the connector, or if preferred the soap stick may be threaded at one end, so as to be screwed directly into the head C′ of Fig. 3, or it may be screwed directly into its socket, as shown in Fig. 4.

When the casing D′ inclosing the brush *b* is removed the construction is identical in

form and shape with an ordinary shaving brush, and may, of course, be used in the same manner, the casing D serving as a handle. When using the soap stick the casing D of Fig. 1, or the similar casing D^2 of Fig. 3, is removed, and the brush casing D′, or the handle A′, as the case may be, serves as a handle. Obviously, when through using the device, and when both ends of the same have been properly cleansed and inclosed within their casings, they are then thoroughly protected.

Many of the details of construction may be varied, and I do not therefore purpose limiting my invention otherwise than is necessitated by the prior art.

I claim as my invention:—

1. A device of the class described, embodying a rigid head having a closely wrapped cylindrical body of soap engaged therein at one end, and also engaging the wrapping and provided on its outer side with threads, a connector having threaded sockets into one of which said head is threaded, a brush secured in the other socket, and removable casings inclosing said soap stick and brush.

2. In a shaving brush, the combination with a connector having sockets of equal size in opposite ends thereof, of a shaving brush removably threaded in one of said sockets, the other socket adapted to have a soap stick engaged therein, and means affording a handle for the brush.

3. The combination with a connector having a threaded socket in each end adapted to have a brush and a soap stick interchangeably engaged therein, of casings interchangeably engaging either end of said connector and inclosing the brush and soap stick.

4. In a device of the class described, the combination with a connector socketed and threaded internally at each end and threaded externally at each end, of heads adapted to thread into either socket, and casings adapted to thread onto either externally threaded part.

In testimony whereof I have hereunto subscribed my name in the presence of two subscribing witnesses.

ARTHUR L. BROWN.

Witnesses:

FRED L. WINTER,

HARM WAGNER.