

Dec. 25, 1928.

1,696,727

N. OLMAZU

POCKET CLOTHESBRUSH

Filed March 28, 1928

Fig. 1.

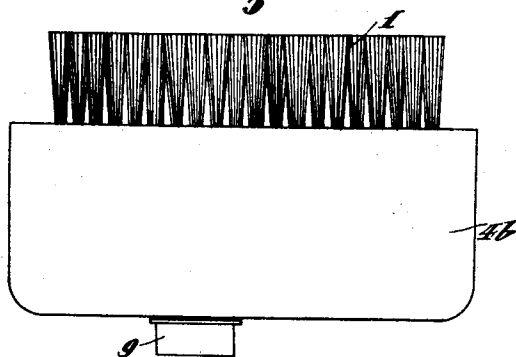


Fig. 2.

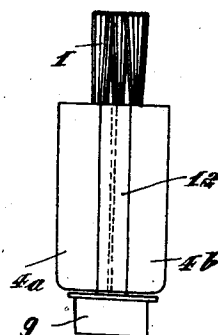


Fig. 3.

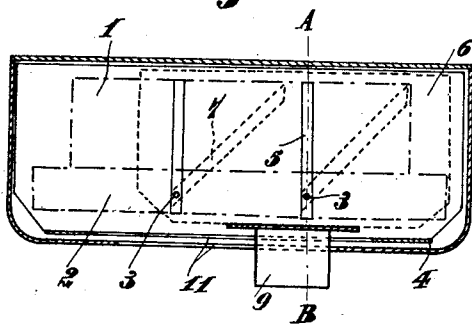
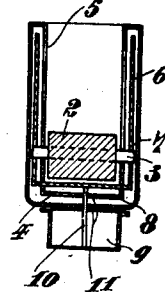


Fig. 4.



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## UNITED STATES PATENT OFFICE.

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## POCKET CLOTHESBRUSH.

Application filed March 28, 1928, Serial No. 265,438, and in Belgium January 13, 1928.

The present invention is relative to a pocket clothes-brush, in which the hair-tufts of the brush are adapted to be pulled back in a casing which is used at the same time as a handle, so that the whole makes up a very practical and portable article.

According to the present invention, the stock of the brush is provided on both sides with spindles, adapted to be guided in vertical grooves of the inner wall of a casing, made in the shape of an open box with narrow double walls. Between these double walls can shift movable plates provided on both sides with two oblique grooves, in which said spindles can engage. These plates are actuated from outside the casing by means of a knob and their shifting acts upon the spindles of the brush, so as to push this brush out of its casing or to pull it back into it.

The invention will be hereinafter described with reference to the accompanying drawings, which illustrate merely by way of an example an embodiment of the invention.

Figs. 1 and 2 are respectively front and side views of the brush;

Fig. 3 is a longitudinal section through the brush;

Fig. 4 is a cross-section through A—B of Fig. 3.

With reference to these figures, the hair-tufts 1 of the brush are mounted in a stock 2 provided on both sides with spindles 3. These stock and hair-tufts can be, at will, thrust out or pulled back into a double-walled casing 4. This casing is preferably made of cellulosic material or of any other equivalent material and may be decorated, if desired, on its outer surface. The spindles 3 are guided in grooves or slide-ways 5 in the inner lateral walls of the casing 4. A U-shaped, preferably metallic, member 6 can be longitudinally shifted in the casing and is provided with two oblique grooves 7, in which the spindles 3 of the stock can also engage, so that the shifting of member 6 brings about, according to the direction in which it shifts, the thrusting out or the pulling back of the brush in its casing.

As illustrated, both lateral sides of member 6 are capable of shifting in between the double walls of the casing, whilst the bottom 8 can shift in the space inside the casing and is guided in two grooves contrived in the inner lateral walls of the casing. The movable member 6 is actuated from the out-

side by means of a driving knob 9, which is connected to it by a supporting shank 10. This shank can shift in longitudinal grooves 11 contrived in the two walls of the back of the casing, so that the user has only to shift the knob 9 to one of the ends of its stroke to bring the brush in its position of use or in its position to be carried in a pocket or bag.

As shown in Figs. 1 and 2, the casing is preferably made of two halves 4<sup>a</sup> and 4<sup>b</sup> and the meeting edges of the halves are connected by a strip of material 12 pasted on them. A longitudinal groove 11 of suitable length and width is provided in this strip of material 12 for the sliding of the shank 10 of the operating knob 9, which is also preferably made of cellulose material.

The above-described pocket brush is of very simple, practical and economical construction and of convenient use. The above described means for realizing the invention only constitute, of course, an example and any number of constructional modifications can be applied to it within the scope of the claims, namely by adapting the brush to other purposes, by making use of other materials for the casing, knob or driving member, by altering the shape and proportions.

I claim:

1. A pocket brush comprising in combination: a brushing element formed with a stock and hair-tufts, projecting spindles transversely mounted on the stock, a casing forming handle adapted to house the brushing element and having double walled sides, guide-ways in the inner wall of the sides of the casing extending parallel to the axis of the brushing element and adapted to be engaged by said spindles, movable plates engaging between the two walls of the sides of the casing and provided with oblique guide-ways adapted to be engaged by the spindles mounted on the stock, an operating knob outside the casing capable of sliding in a longitudinal groove of the bottom of the casing and connections between said operating knob and the movable plates.

2. A pocket brush comprising in combination: a brushing element formed with a stock and hair-tufts, projecting spindles transversely mounted on the stock, a U-shaped casing forming handle adapted to be engaged by the brushing element and having double walled sides and bottom, guide-ways in the inner wall of the sides of the casing

extending parallel to the axis of the brushing element and adapted to be engaged by said spindles, grooves in the same inner walls of the sides of the casing extending parallel  
5 to the longitudinal axis of the casing and adapted to be engaged by the bottom of a movable U-shaped member the lateral sides of which engage between the two walls of the sides of the casing and are provided with oblique guide-ways adapted to be engaged 10 by the spindles mounted on the stock, an operating knob outside the casing connected to the bottom side of the U-shaped member by a shank sliding in a longitudinal groove of the back of the casing. 15

In testimony whereof I signed hereunto my name.

NICOLAS OLMAZU.