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1,683,538

C. J. FRANCOIS, SR

SINGLE SERVICE BRUSH

Filed Dec. 6, 1927

Fig. 1.

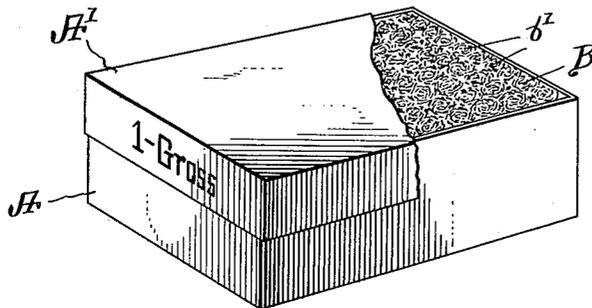


Fig. 2.

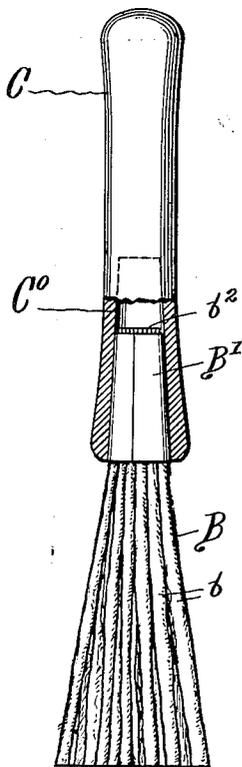


Fig. 3.

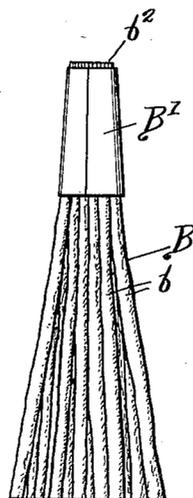
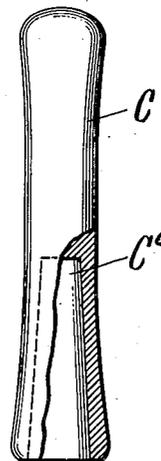


Fig. 4.



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SINGLE-SERVICE BRUSH.

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My invention relates to improvements in brushes intended to be used only once, and then thrown away; and it consists in the combination with a permanent handle adapted to be used over and over again, of a detachable brush body adapted to be securely held in said handle when in use, and to be quickly applied to or removed from said handle.

10 The body portion of the said brush is to be made of cheap material such as crinkly paper wrapped around with a paper band or any other suitable material, which may be readily destroyed after use.

15 Such brushes are especially desirable in an ordinary barber shop or for hospital use where it is desired to brush off the person who has been shaved or has had his or her hair cut.

20 In practice it is customary, especially in barber shops, to use the same brush on large numbers of customers who come in and out of the shop, some of whom may have infectious or contagious skin diseases, and by providing a single service brush, contamination from use of the same brush on more than one person is avoided. The brush bodies are preferably put up in packages and sold in quantities, and when so put up they may be sprinkled with powder or other disinfectants, if desired.

25 My invention will be more fully understood after reference to the accompanying drawings in which like parts are indicated by similar reference symbols throughout the several views, and in which

30 Figure 1 is a perspective view showing a box containing a number of brush bodies, parts of the box being broken away to show the contents thereof.

35 Figure 2 is a side elevation of the brush body mounted in the handle, parts of the handle being broken away.

40 Figure 3 is a detail showing the brush body removed from the handle, and

45 Figure 4 is a detail showing the handle partly broken away.

50 A represents a box or container which may be of any convenient shape or dimensions, I have shown it as rectangular and of the depth of a single brush body, and adapted

to contain, say, one gross. The cover A' of this box may have indicated thereon the number of brush bodies contained in the box.

55 B represents the brush body, which consists of a series of wisps *b* of suitable cheap material such as crinkly paper or any other fibrous material of sufficient cheapness, having the ends *b'* free, the upper end *b²* bound firmly in the wrapper B', which may be of cheap stiff paper or any other suitable material in the form of a band fitting snugly over the upper ends of the wisps *b*, and having its free ends pasted together so as to form a compact bundle. This band B', with the wisps held therein, formed the head of the brush body, which is tapered and adapted to fit snugly in the recess C° of the handle C, and to be detachably held therein by frictional engagement.

60 Thus these brush bodies may be conveniently and securely mounted in, and quickly and conveniently removed from the handle when desired. The brush bodies are conveniently assembled in the container A, preferably up-side-down, so that the free ends *b'* of the wisps *b* of the brush may be upwards; and when the top of the box is removed, the contents thereof may be sprinkled with face or other powder, or with an antiseptic of any suitable kind, which will adhere to the wisps, and thus each brush body may be ready for instant use when taken out of the container.

65 In assembling the brush body with the handle, it will only be necessary for the operator to grasp the head B' of the brush body, and shove this in the handle; and the downwardly projecting wisp *b* will be completely sanitary and not contaminated by the touch of the operator.

70 It is, of course, immaterial how long or how often the handle may be used, but it is contemplated in the operation of my device to remove and destroy each brush body after a single use on any one person.

75 While I have described the brush bodies made of a paper band surrounding the upper portions of a series of wisps of crinkly paper, obviously other material may be substituted for one or both of these.

Having thus described my invention, what I claim and desire to secure by Letters Patent of the United States is:

A brush comprising a substantially cylindrical handle flared outwards near its lower end and provided with a frusto-conical chamber in said lower end, and a body portion composed of a number of wisps of

crinkled paper free at their lower ends, and gripped near their upper ends in a paper band, said band and enclosed wisps forming a tapered head for said brush adapted to fit snugly and removably in said frusto-conical chamber in the handle. 10

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