R. & R. W. SAMPSON.

LATHER RUBBER.

APPLICATION FILED OCT. 23, 1907.

904,650.

Patented Nov. 24, 1908.

2 SHEETS—SHEET 1.

Fig. 1.

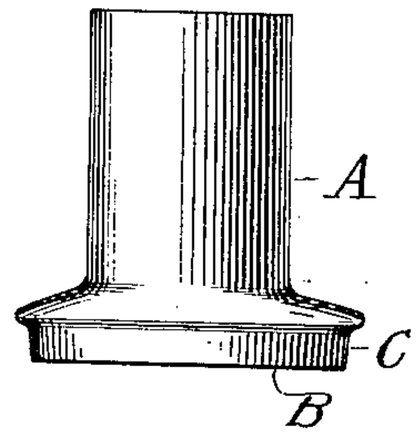


Fig. 2.

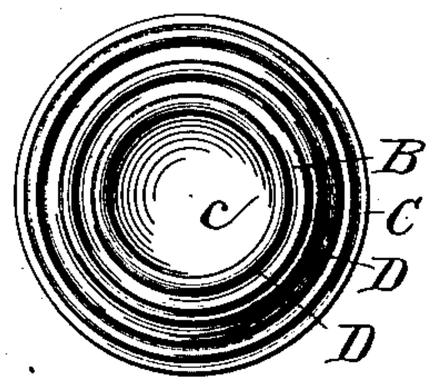
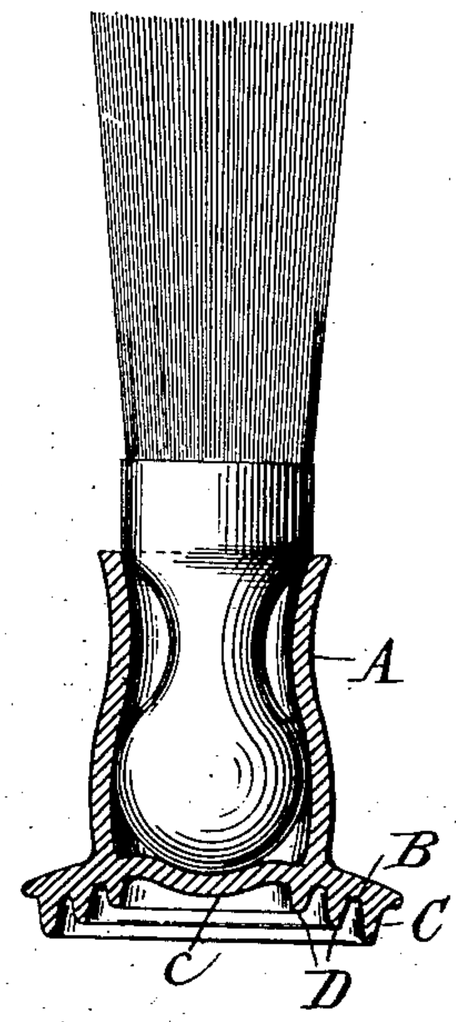


Fig. 3.



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2 SHEETS—SHEET 2.

Fig 4.

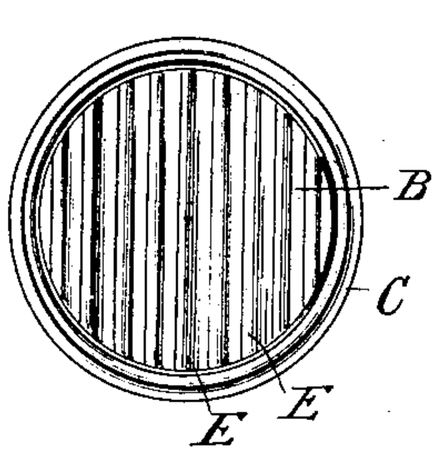


Fig. 5.

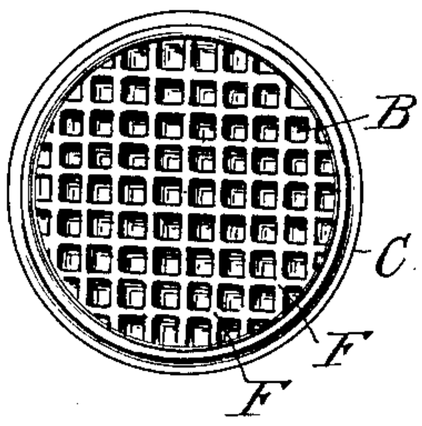


Fig 10.

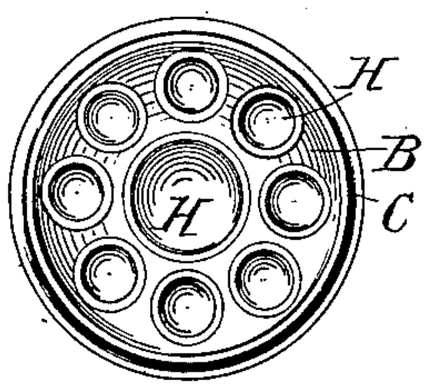


Fig. 6.

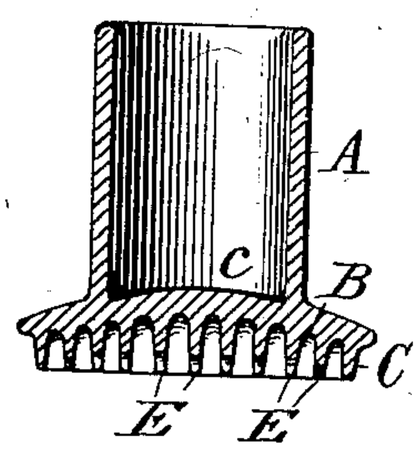


Fig. 7.

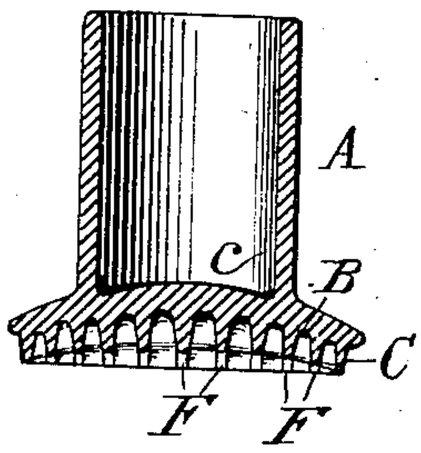


Fig. 11.

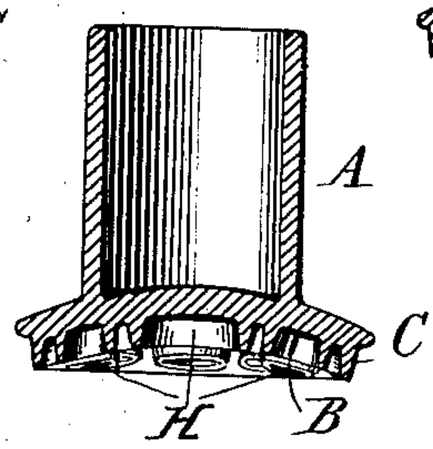


Fig. 8.

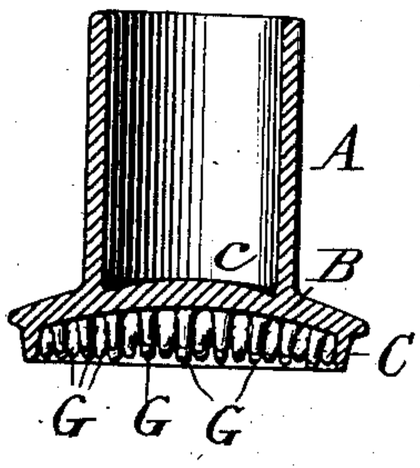
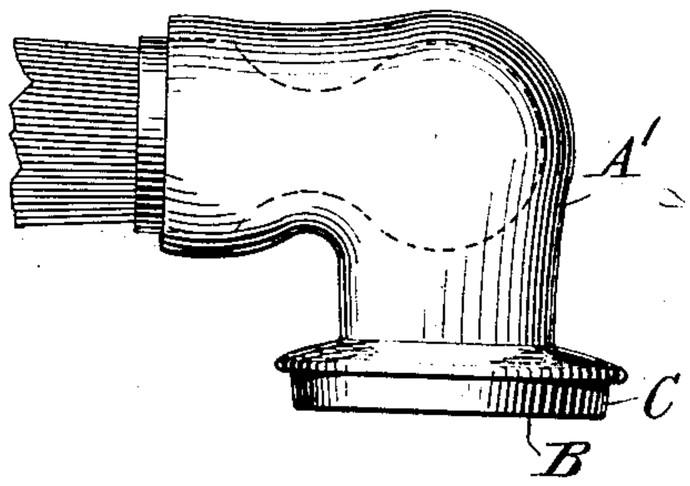


Fig. 9.



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UNITED STATES PATENT OFFICE.

ROBERT SAMPSON AND ROBERT W. SAMPSON, OF MONTREAL, QUEBEC, CANADA.

LATHER-RUBBER.

No. 904,650. Specification of Letters Patent. Patented Nov. 24, 1908.

Application filed October 23, 1907. Serial No. 398,686.

To all whom it may concern:

Be it known that we, ROBERT SAMPSON and ROBERT WILLIAM SAMPSON, subjects of the Kingdom of Great Britain, residing at Montreal, Province of Quebec, and Dominion of Canada, have invented certain new and useful Improvements in Lather-Rubbers, of which the following is a specification.

Our invention relates to devices for lathering the face to prepare it for shaving, and consists in certain improvements whereby the efficiency and desirableness of the lather rubber are materially increased.

Our improved lather rubber is preferably made out of rubber, and embodies an imperforate rubbing face provided upon its back with suitable means by which it may be grasped or attached to a handle, as of a shaving brush.

In the drawings Figure 1 is a side elevation, and Fig. 2 a bottom view of our device; Fig. 3 is a vertical sectional view of the same applied to the handle of a shaving brush; Figs. 4, 5 and 10 are bottom views; and Figs. 6, 7, and 11 their respectively corresponding vertical sections of modifications in the face of the rubber; Fig. 8 is a vertical section of another similar modification; and Fig. 9 shows a modification of the neck or handle part of the rubber.

Similar letters of reference designate similar parts in all the figures.

We have shown our device as provided with an integral, tubular shank A, which serves as a handle and which may also be slipped over a rigid handle, as of a shaving brush, as shown in Figs. 3 and 9. The shank may be either straight as shown at A, Figs. 1, 3, 6, 7, 8 and 11, or it may be bent, for instance as shown at A′ in Fig. 9, as may be found most convenient in use; and it carries the face B, which is in the form of an imperforate disk, preferably concavo-convex, and provided with a marginal rim or flange C, and projections as the annular flanges D D, in Figs. 2 and 3, transverse ribs E E, as in Figs. 4 and 6, crossed ribs F F, as in Figs. 5 and 7, conical or teeth-like projections G G, as in Fig. 8, circular flanges H H, as in Figs. 10 and 11, or other suitable projections or indentations.

The use of a lather rubber having an imperforate concave face with a central, flexible web portion increases the cupping efficiency of the lather rubber, permits the central as well as the marginal portions of the rubbing face to operate upon the skin, prevents the lather from working up above the rubbing face and also renders practicable the application of both a firm pressure and a yielding pressure upon the skin. For it will be seen that when the handle is inserted in the sleeve, as in Fig. 3, the central imperforate web portion *c*, of the rubber will be reinforced by the rigid backing of the handle so that, if sufficient pressure is used to bend up the flexible edges of the face B, the central portion of the rubbing face may be brought firmly against the skin, thus producing a yielding marginal pressure and an unyielding, central pressure with the rubber. When a handle having a rounded end is used, the central web of the rubber may be pressed down into a convex form, as shown in Fig. 3, which will closely resemble the rounded ball of a finger end, and which will give effects similar to those produced by finger rubbing, but without the dangers of contamination incident to direct contact with the human fingers. So, also, in the modification shown in Fig. 9, the elbow of the sleeve where it is reinforced by the end of the handle, as indicated by the broken line, will form a centrally convexed massager, which may be used alternately with the face B if that is desired.

This device, it will be observed, can be applied to the handle of the ordinary shaving brush. Because the rubbing device is attached to the handle of the brush the combined device can be turned promptly in the hand to use either part as may be desired. This is an important advantage because lather dries quickly, and much inconvenience and loss of time results where it is necessary to stop to perhaps first find and then separately pick up the parts.

We are aware that the details of our ap-

pliance may be modified without departing from the spirit of our invention.

Having thus described our invention what we claim and desire to secure by Letters Patent of the United States is:—

As an article of manufacture, a lather rubber for application to a shaving brush comprising in combination an imperforate, flexible web having a massaging or rubbing surface at one side consisting of a plurality of concentric ribs or flanges diminishing in height from the outer flange inwardly, and a socket portion projecting from the opposite side of the web adapted removably to receive and engage the handle of the brush.

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