

No. 776,645.

PATENTED DEC. 6, 1904.

W. E. COOPER.
SHAVING CUP.

APPLICATION FILED DEC. 28, 1903.

NO MODEL.

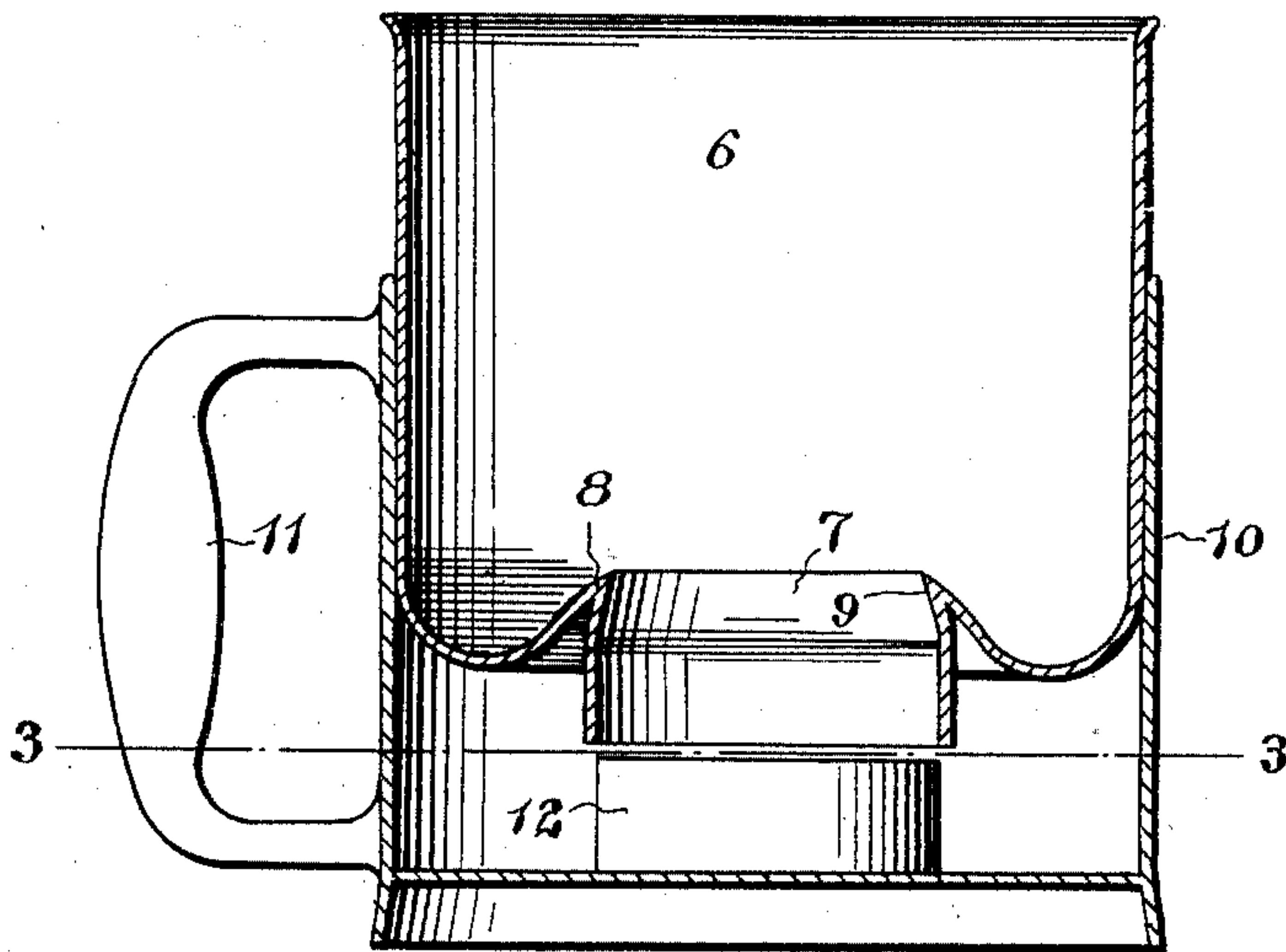


Fig. 1.

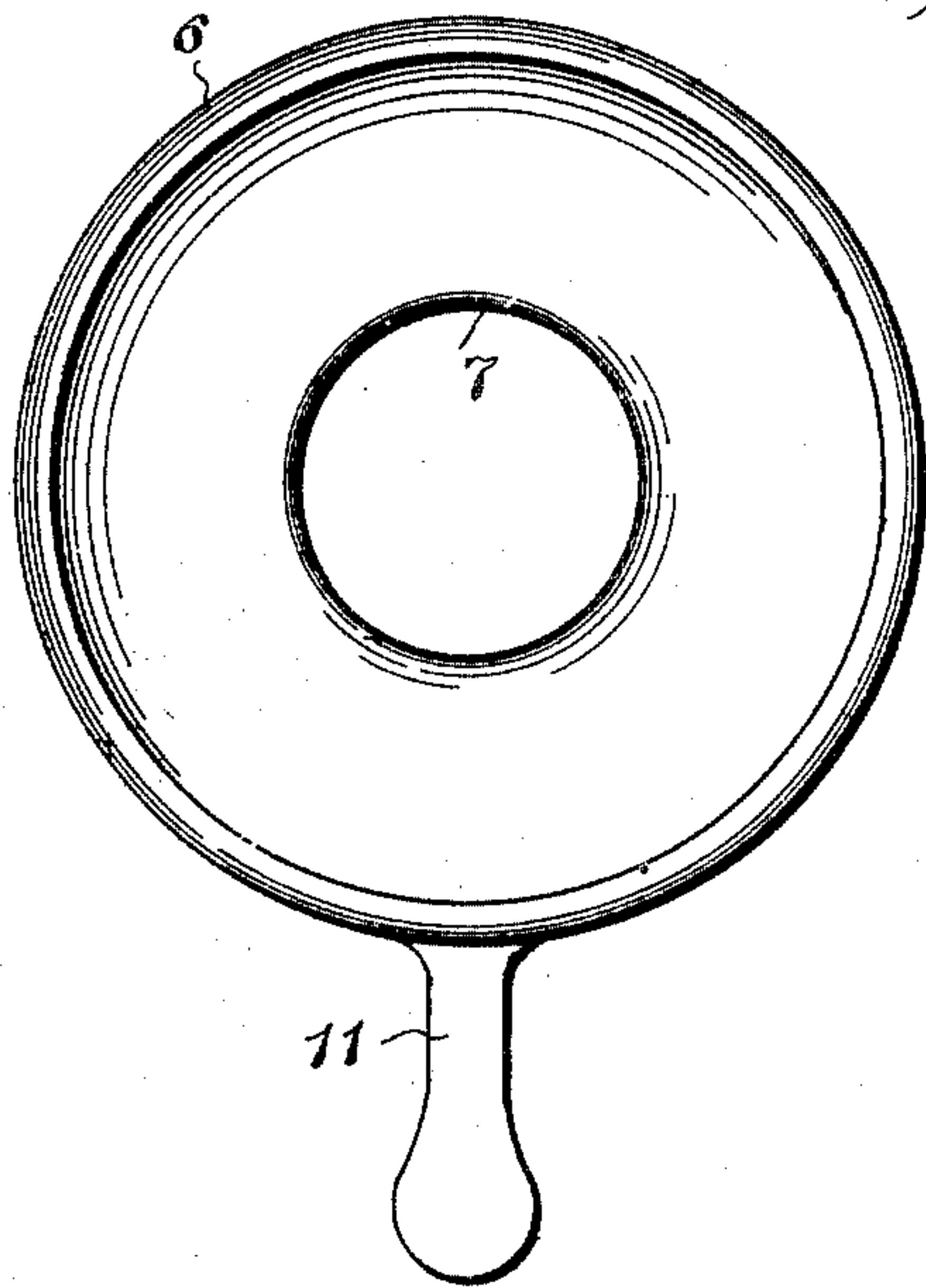


Fig. 2.

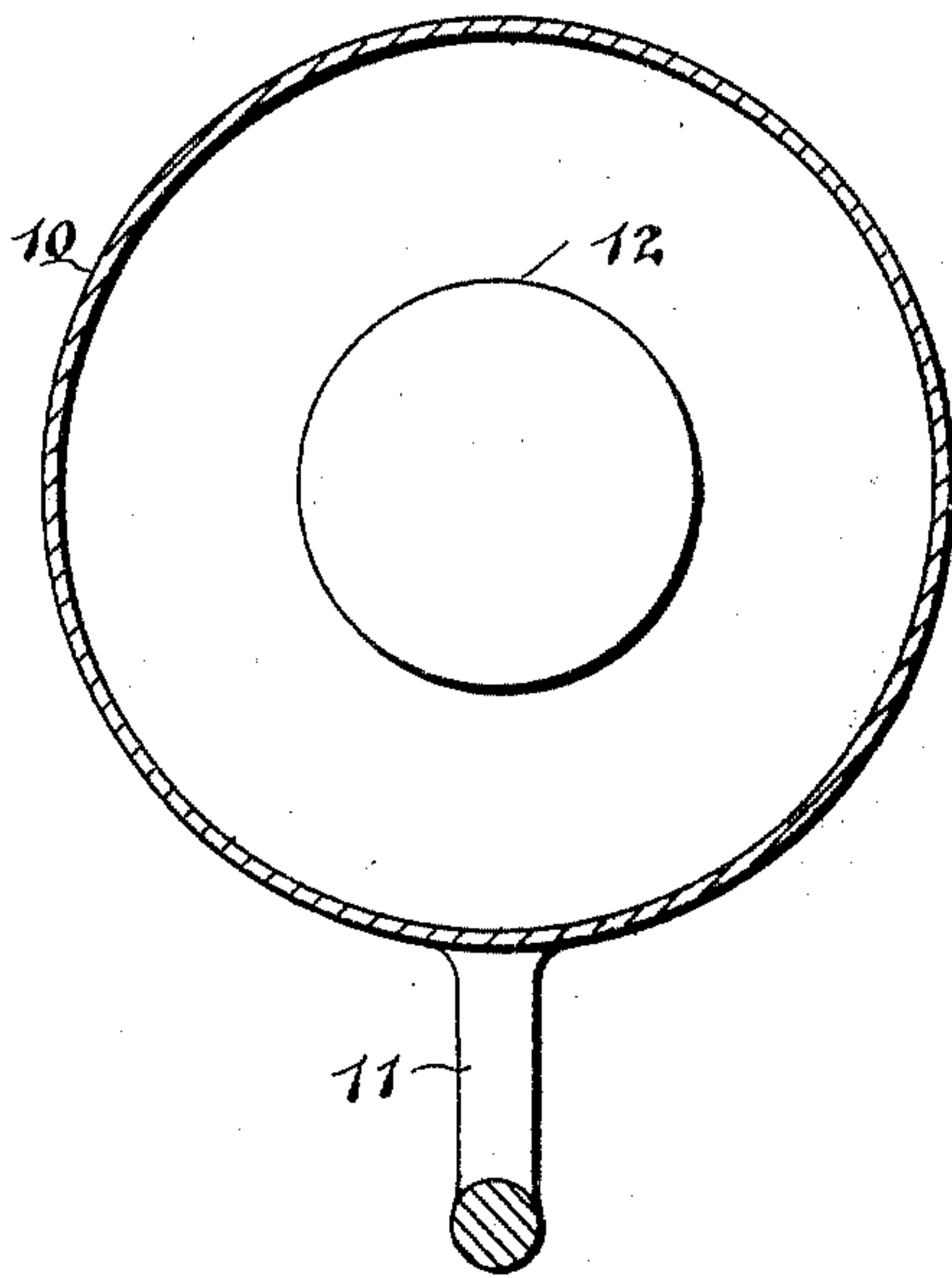


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

WARREN E. COOPER, OF ITHACA, NEW YORK.

SHAVING-CUP.

SPECIFICATION forming part of Letters Patent No. 776,645, dated December 6, 1904.

Application filed December 28, 1903. Serial No. 186,805. (No model.)

To all whom it may concern:

Be it known that I, WARREN E. COOPER, a citizen of the United States, residing at Ithaca, in the county of Tompkins and State of New York, have invented new and useful Improvements in Shaving-Cups, of which the following is a specification.

This invention relates particularly to shaving-cups, and is designed to provide improved means for feeding the soap to the cup in such manner as to make it convenient and readily available for the purpose of making lather and also economize the use of soap.

A further object is to form a cup with a soap-feeding tube through the bottom in such manner that the cup will hold the necessary water for the purpose without leakage.

A further object is to make a cup which may be thoroughly and easily cleaned, for which purpose the part of the cup which holds the lather may be removed from the base which supports the soap.

With these and other objects in view the invention is hereinafter described, and is illustrated in the accompanying drawings, in which—

Figure 1 is a central vertical section. Fig. 2 is a top view, and Fig. 3 is a section on the line 3 3 of Fig. 1.

Referring specifically to the drawings, the cup proper for holding the water and lather is indicated at 6. This cup is preferably stamped, spun, or cast of a single piece of metal to avoid joints, and the side walls curve into the bottom, avoiding corners liable to collect dirt. Opening through the bottom of the cup at the center thereof is the soap-tube 7, and the bottom is ridged or raised around the tube, as at 8, so that water may be contained or held in the cup in the annular space surrounding the tube. The opening of the tube tapers, as at 9, which when the soap is fed through the tube forms a tight joint which prevents leakage and also compresses the soap and lessens the wear thereof.

The cup above described telescopes into a

base or holder 10, which is provided with a handle 11. Supported upon the bottom of the base is a plunger or follower 12, which is properly positioned to register with the tube 7. The cup is freely movable in the base, and the feed of the soap through the tube is effected by pressure down upon the cup. In use the soap, preferably a cake of proper size and shape, is placed in the tube, and the cup is put in the base, with the lower end of the cake resting on the plunger. Pressure on the cup will force the cake out of the opening of the tube to the extent desired, and as the soap wears the cup is pressed or follows down accordingly, so that the top of the cake continues substantially flush with the rim around the opening. If and when necessary the cup may be readily lifted from the base and washed by allowing water to run therethrough. The necessity for more or less inconvenient manipulation to produce feed of the soap is avoided, since the feed follows from the descent of the cup incident to wear of the soap.

It is not to be understood that this invention is limited to the embodiment shown nor otherwise than is indicated in the following claims.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a base having a vertical side wall, of a cup having a vertical side wall fitting and freely slidable up and down within the side wall of the base, and a tube opening through the bottom of the cup, the tube being spaced from the side walls of the cup.

2. The combination with a base having a vertical side wall, of a cup having a vertical side wall fitting and freely slidable up and down within the side wall of the base, and a vertical tube opening through the bottom of the cup at the center thereof, the top of the tube being higher than the said bottom, producing an annular water-space between the tube and the side wall of the cup.

3. The combination with a base having a

soap-support in the bottom thereof, of a cup
freely slidable up and down in the base and
having a feed-tube in the bottom fitting over
the soap and the support, the feed-tube being
5 contracted at the upper end to support the
cup on the soap-cake in the tube.

In testimony whereof I have signed my name

to this specification in the presence of two sub-
scribing witnesses.

WARREN E. COOPER.

Witnesses:

RALPH S. COOPER,
GRACE L. TARBELL.