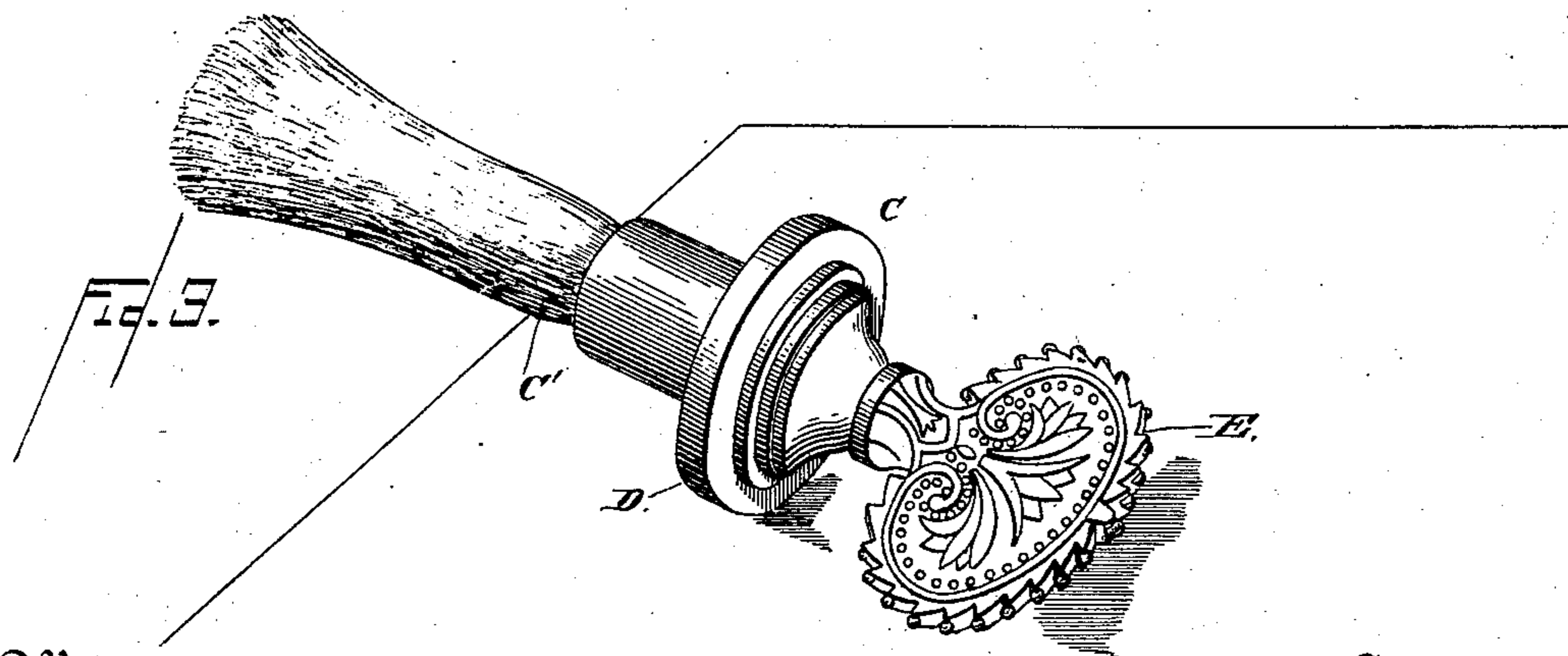
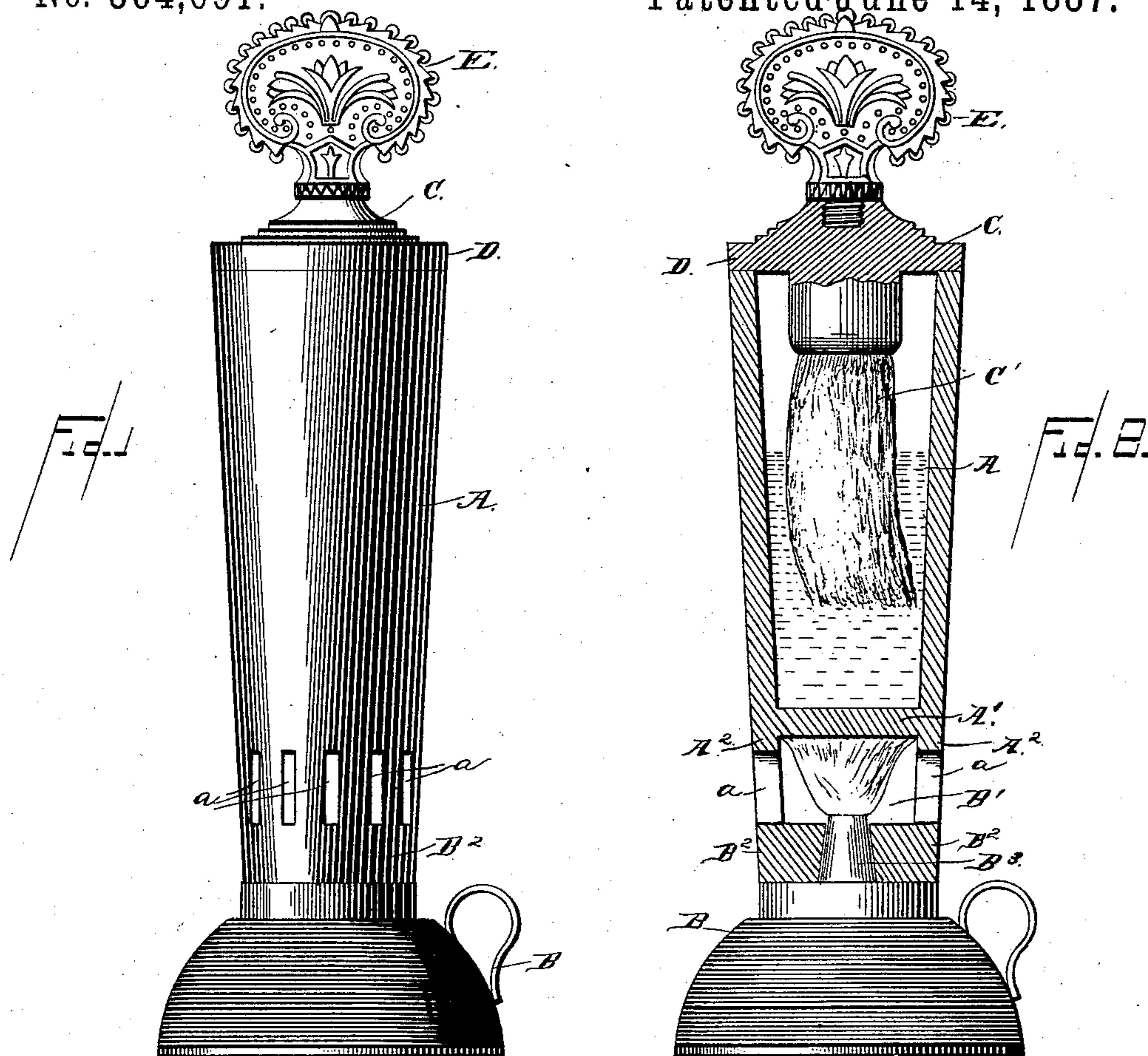


(No Model.)

A. H. WALLACE.
SHAVING APPARATUS.

No. 364,691.

Patented June 14, 1887.



Witnesses
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UNITED STATES PATENT OFFICE.

ARTHUR HENRY WALLACE, OF HOUGHTON, MICHIGAN.

SHAVING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 364,691, dated June 14, 1887.

Application filed January 6, 1887. Serial No. 223,591. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR HENRY WALLACE, a citizen of the United States, residing at Houghton, in the county of Houghton and State of Michigan, have invented a new and useful Improvement in Shaving Apparatus, of which the following is a specification.

My invention relates to an improved shaving apparatus, the novelty of which resides in the peculiar construction and adaptation of the parts for service, substantially as hereinafter described, and particularly pointed out in the claims.

The object of my invention is the provision of a shaving apparatus which embodies all the requisites employed in shaving, and which can be carried in the pocket or stowed away so as to occupy a small compass in a satchel, and thus be always at hand when needed.

A further object is to provide a portable shaving apparatus which will fulfill all the requirements for which it is intended in a thoroughly efficient manner, and be neat and ornamental in appearance and cheap of manufacture.

In order that the construction of my improved apparatus may be fully understood and the great advantages gained by my improvements appreciated, I have illustrated a device embodying the features of my invention in the accompanying drawings, in which—

Figure 1 is a side elevation of my invention. Fig. 2 is a vertical longitudinal sectional view of the same, and Fig. 3 is a detail view of the brush as it appears when laid on the table or dressing-case.

Referring to the drawings, in which similar letters denote corresponding parts in all the figures, A designates the hollow main or body portion of my apparatus, which body portion is designed to hold the water to be heated, and is formed of tin or other suitable metal for this purpose. The body portion A has the partition or bottom A' provided at the lower end, and depending from around the bottom A' is an annular flange, A², which forms a space, B', within said flange or wall, for a purpose hereinafter explained. This wall A² is provided with openings a to form air-passages, and the bottom B², below the said space, is provided with a vertical opening, B³, to fit the

burner of the lamp B, of any approved or desired pattern, which burner projects into the said opening and secures the said lamp B (which forms the base of the shaving apparatus) to the body thereof.

The burner of the lamp may be threaded to screw into the opening B³; or, if the burner fits tightly in the said opening, the friction between said burner and the opening may be depended upon to secure them together.

C designates the cap or stopper of my apparatus, provided with the shaving-brush C', which brush, when the apparatus is in the closed position, fits snugly in the upper end of the hollow body, with the brush concealed from view, and thus forms the cover thereof. The said cap is provided with a flange, D, which is adapted, when on the apparatus, to rest on the upper edge of the said body and prevent the heat from escaping from the said body and wasting.

A handle, E, is provided for the cap or stopper, made of flattened heavy metal, so that its weight is considerably more than the bristles forming the brush. When, therefore, the brush or cap is laid on the table or dressing-case, the flange D will obviously hold the said cap or brush from lying flat on the table, and as the handle E is much heavier than the bristles of the brush it will be evident that the handle will rest on the table and elevate the said bristles, as shown clearly in Fig. 3. The handle of the brush, being flat, holds it from rolling around or moving sidewise. Therefore, the advantage of such a construction of brush, as will be seen, lies in the fact that when laid or thrown down on the table the bristles of the brush will always be elevated, and thus prevent the soiling of the said table or dressing-case with lather, this being a great annoyance and the principal objection to shaving-brushes now in general use.

It will be understood that this form of brush may be used independently of the other parts of the invention, it being obviously a great advantage to have a brush which, when carelessly laid down, will not run the risk of soiling or otherwise damaging the furniture.

The manner of using my apparatus will be readily understood from the foregoing description, taken in connection with the an-

nexed drawings, and is as follows: The water to be heated for use is placed in the reservoir of the body and the lamp lighted and fitted in the socket at the bottom of the body. The
5 openings *a* in the wall *B*² of the body permits the entrance of air to support combustion, and also the escape of all products of combustion. The flame of the lamp heats the water in the reservoir of the body in a very short time, and
10 this water may be used both to temper the razor and provide the water for lathering with the brush.

The advantages of my device will be readily understood. It being portable enables it to be
15 carried in the pocket or traveling satchel, thus adapting it especially for the convenience of people who travel to any extent, as it provides a shaving apparatus for use in a moment's time, and fills all the requirements in
20 a thorough manner. The lamp also furnishes a firm and stable base or support for the apparatus when in use. The cap or stopper which carries the brush fits snugly in the top of the body, and there is no danger of the
25 brush dropping down, as is frequently the case in the present form of shaving-cups.

In practice I prefer to have the flange *D* of the cap or stopper, the body *A*, and the lamp fit flush with each other, so as to preserve as
30 near as possible an unbroken external appearance, as it will be seen that the more compact the apparatus is the more readily will it commend itself to the notice of the traveling public.

It will be seen that in the drawings I show
35 a handle on the lamp for convenience in carrying the same; but said handle may be left off to make the apparatus still more compact, it being of advantage to have as few breaks in the general contour of the article as possible,
40 as it will take up less space in packing.

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

1. The herein-described shaving apparatus,

consisting of the hollow body or reservoir hav- 45
ing the space at the lower end below the bottom, the lamp fitting in this space and forming the base of the apparatus, and the cap closing the body or reservoir and carrying the shaving brush fitting in the upper end of the body, 50
all adapted to serve for the purpose set forth.

2. The herein-described shaving apparatus, consisting of the hollow body having the space below the said body, the lamp fitting in an opening below said space and forming the base 55
of the apparatus, the openings *a* in the side of the lamp-space, and the cap closing the body and carrying the shaving brush, substantially as described.

3. The herein-described shaving apparatus, 60
consisting of the hollow body, the space below said body, and the lamp in said space, and forming the base of the apparatus, combined with the cap having a flange, *D*, to rest on top of the body and prevent the bristles of the brush car- 65
ried by said cap from dipping too far into the contents of the cup, substantially as described, for the purpose set forth.

4. The herein-described shaving apparatus, consisting of the hollow body, the space below 70
said body, and the lamp in said space, combined with the cap having a flange, *D*, brush *C*, and weighted handle *E*, adapted, when the said cap is laid down, to overbalance the weight of the said brush and lift it above the table, the flange 75
acting as a prop to elevate the bristles, substantially as and for the purpose set forth.

5. A shaving brush having its handle provided with an annular flange and a flat weighted end beyond said flange, substantially as and 80
for the purposes set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ARTHUR HENRY WALLACE.

Witnesses:

H. S. FULLER,
W. W. FINCH.