(No Model.)

E. H. LOCKE.

DENTIST'S FLASK.

No. 258,858. Patented May 30, 1882.

Fig. 1.

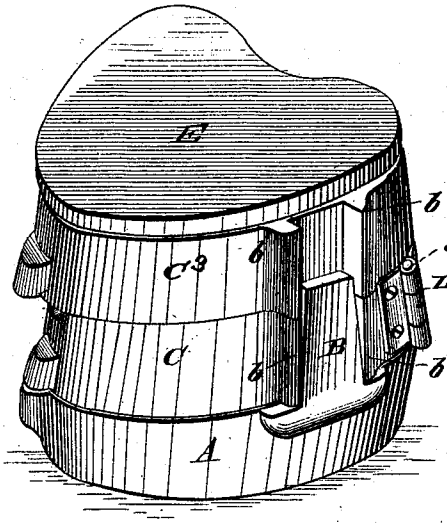


Fig. 3.

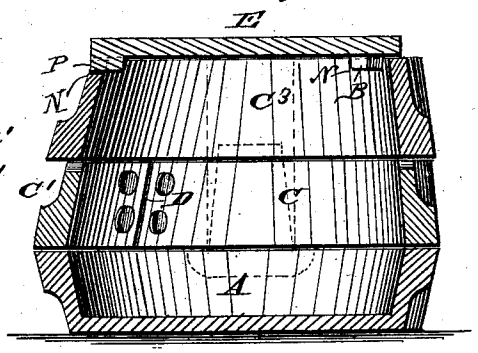


Fig. 2

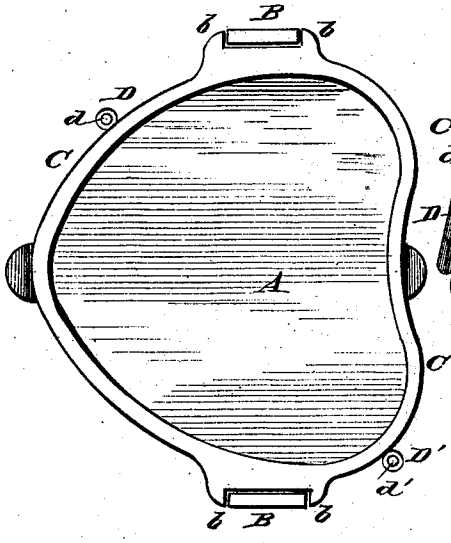
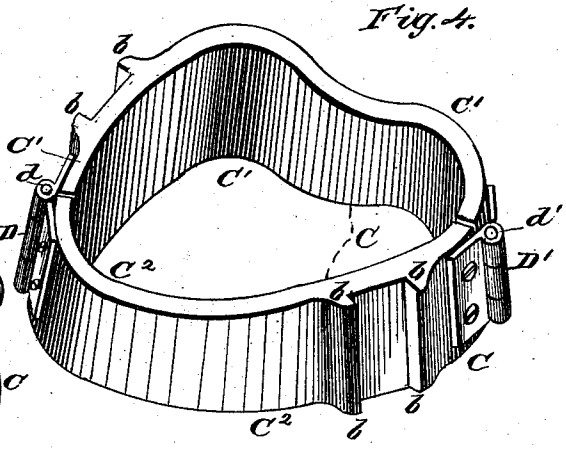


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

ELIAS H. LOCKE, OF TROY, ALABAMA, ASSIGNOR OF ONE-HALF TO FRANK BALTZELL, OF SAME PLACE.

DENTIST'S FLASK.

SPECIFICATION forming part of Letters Patent No. 258,858, dated May 30, 1882.

Application filed October 10, 1881. (No model.)

To all whom it may concern:

Be it known that I, ELIAS H. LOCKE, of Troy, in the county of Pike and State of Alabama, have invented certain new and useful Improvements in Dentists' Flasks; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved flask. Fig. 2 is a vertical section of same. Fig. 3 is a top view of the flask empty, with the top plate removed; and Fig. 4 is a perspective view of the jointed central ring detached.

Similar letters of reference indicate corresponding parts in all the figures.

My invention contemplates a certain improvement in dentists' flasks for molding artificial teeth to celluloid or rubber dentures, as hereinafter more fully described, and particularly pointed out in the claim.

In the annexed drawings, A is the bottom part of the flask, which is made with two ears or uprights, B B, arranged opposite to one another.

C is the middle part, which is in the shape of a ring, in two parts, C′ and C², each part being provided with a pair of projecting lugs, *b b*, which, when the ring is placed in position upon the bottom part, A, clamp the uprights B B of the latter, and thus prevent displacement of the ring. The parts C′ and C² are jointed by hinges D D′, the pins *d d′* of one or both of which are removable, so that by withdrawing either one of the pins from its knuckle the ring may readily be opened.

E is the cover or top plate of the flask, which is provided with lugs or projections P P on its under side, registering with notches N N in the upper rim of the top ring, C³, which is placed on top of the middle ring C′ C² for holding it in its proper position and preventing accidental displacement.

As is well known, the dentures are molded and baked in plaster, with which the flask is filled, and which hardens during the process of baking in the muffle, so that it has to be carefully removed from the denture, when complete, by hammering, chiseling, &c. By making the center piece of the mold or ring C C′ with the hinges D D′, constructed as described, this part, which contains the denture embedded in its plaster mold, can be opened after the top and bottom parts, E and A, have been removed, so that the cake of plaster within it can readily be taken out and the denture removed from its plaster envelope without chiseling or hammering it out of the ring, as in cases where this is in a solid piece, thereby avoiding all danger of breaking or chipping the teeth or plate.

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

A dentist's flask consisting of the solid bottom A, having uprights B B, the middle ring C, consisting of two parts, C′ C², having lugs *b*, and connected by hinges D D′, having removable knuckle-pins *d*, the top ring, C³, having notches N, and the detachable top E, having projections P, all arranged and operating substantially as and for the purpose set forth.

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

ELIAS H. LOCKE.

Witnesses:
WM. H. PARKS,
J. W. BAKER.