

J. F. O'BYRNE.  
SHAVING STICK HOLDER.  
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964,451.

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Fig. 1.

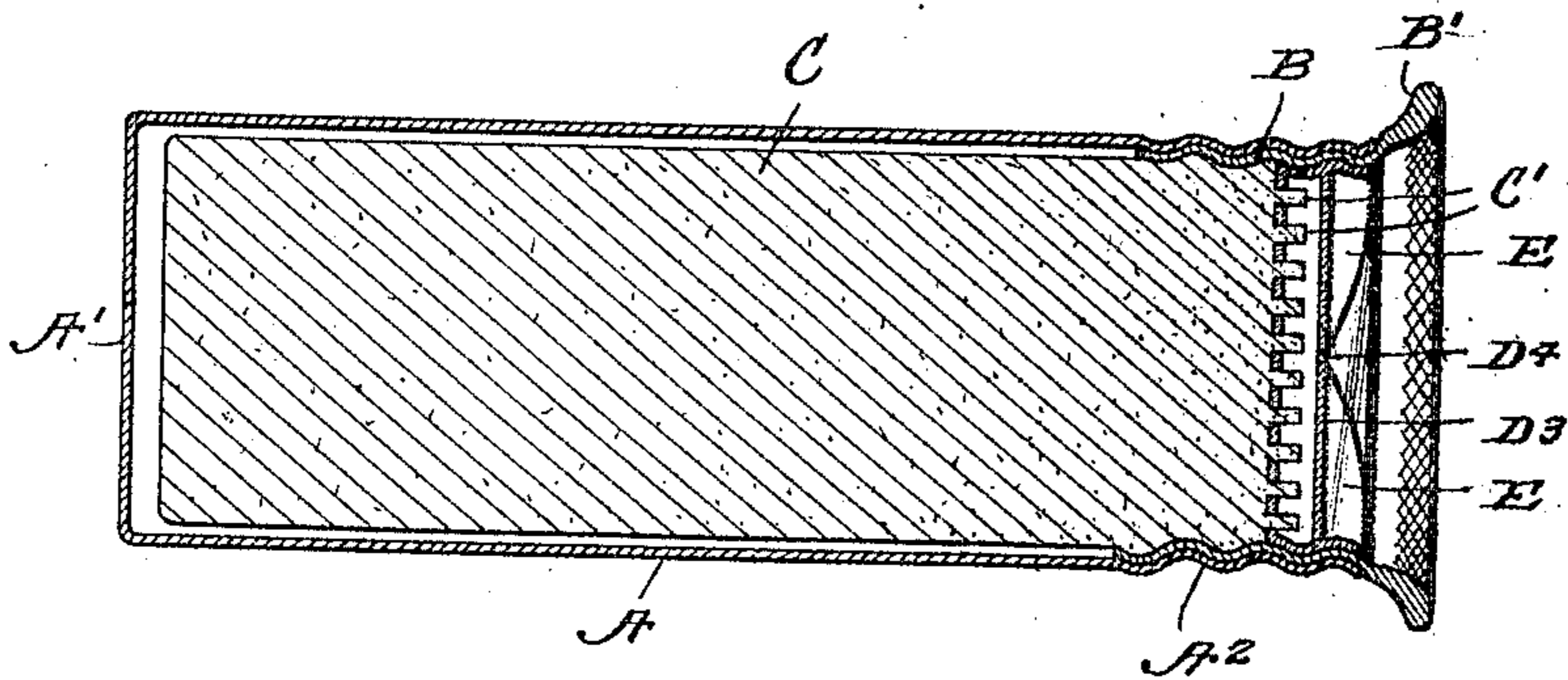


Fig. 3.

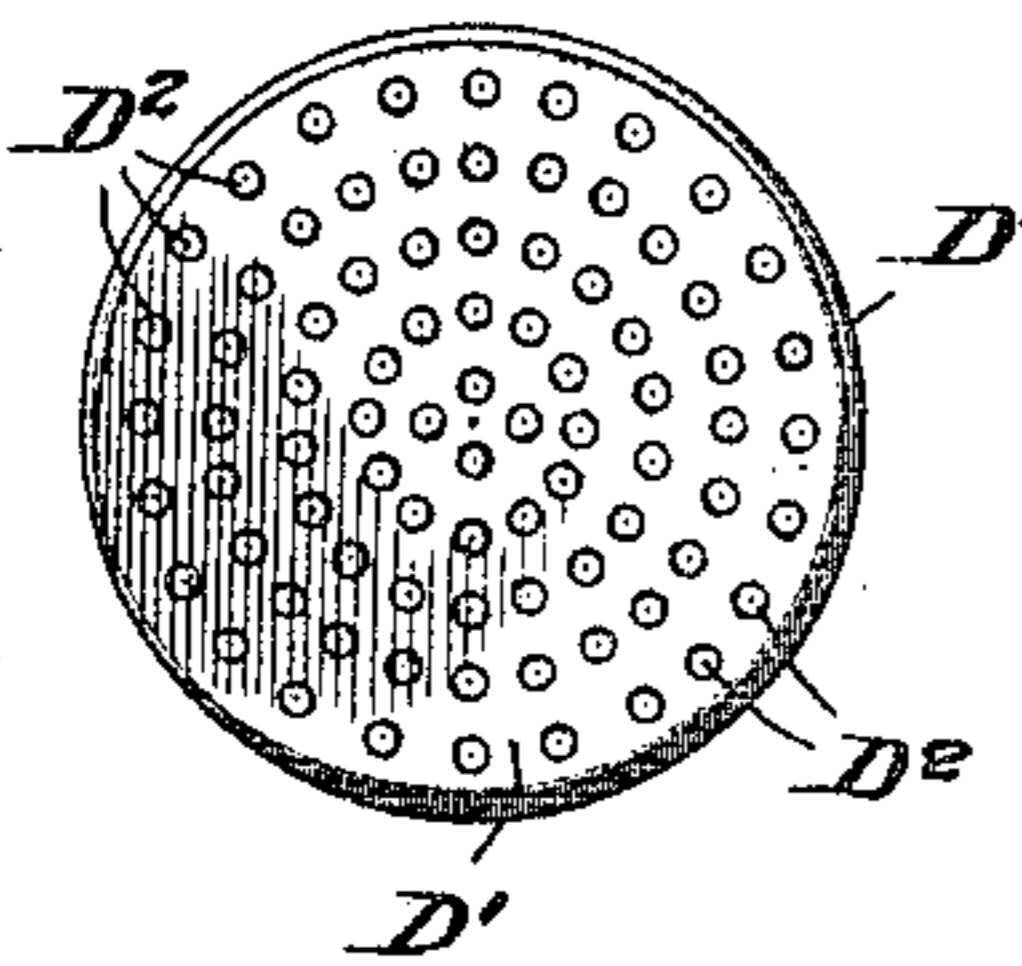


Fig. 2.

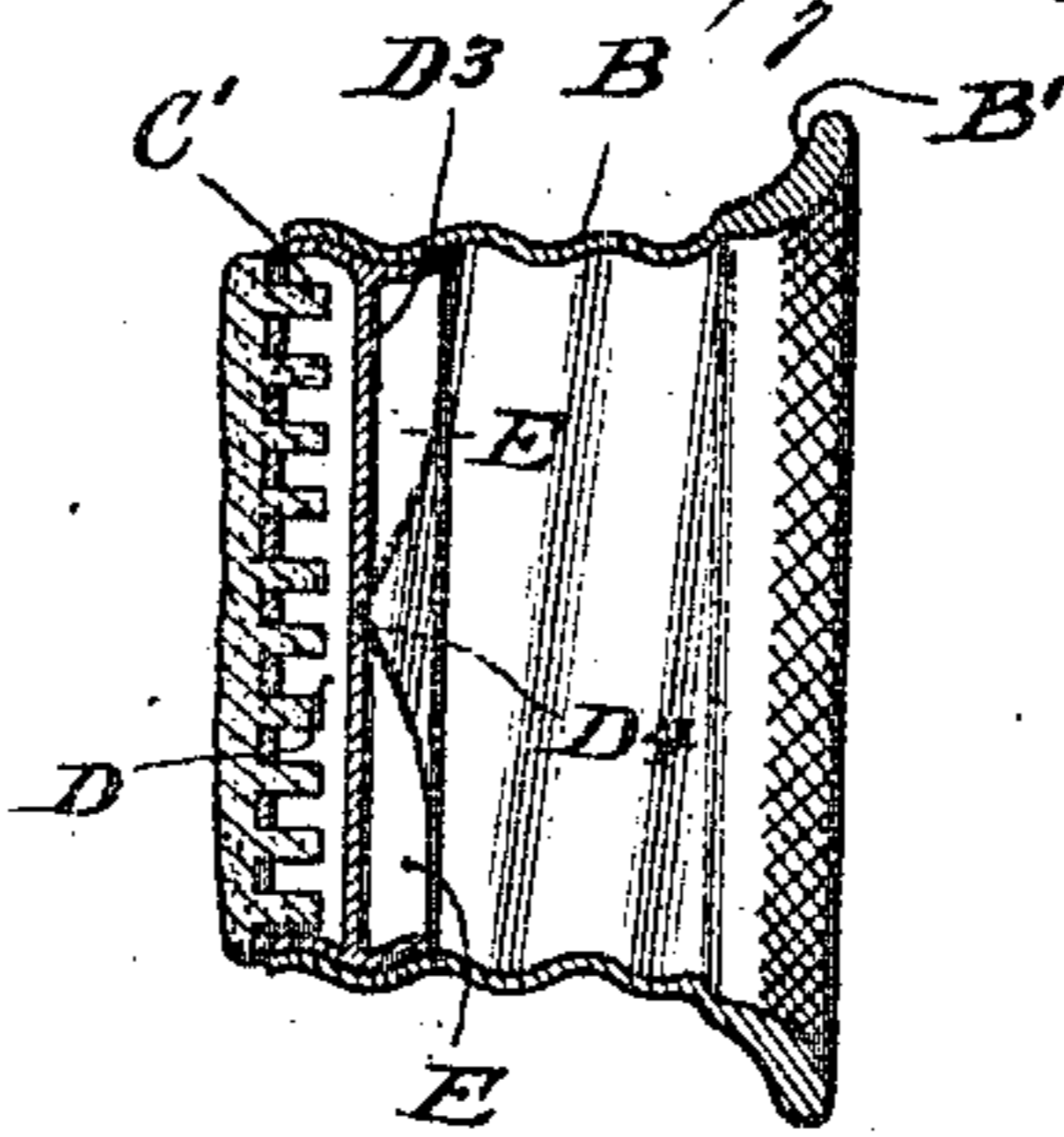
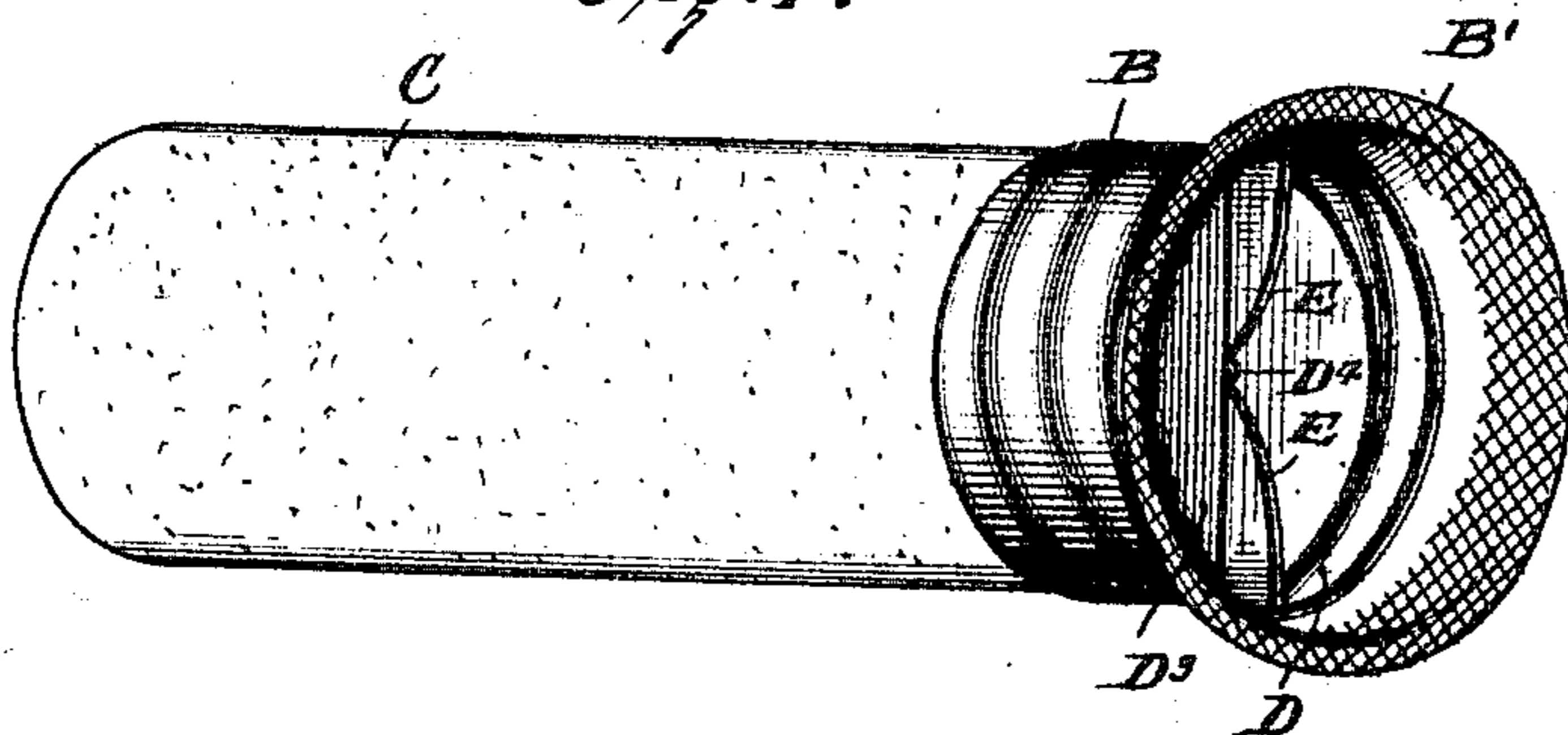


Fig. 4.



WITNESSES

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SHAVING-STICK HOLDER.

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*To all whom it may concern:*

Be it known that I, JOSEPH F. O'BYRNE, a citizen of the United States, and a resident of Contact, in the county of Elko and State of Nevada, have invented certain new and useful Improvements in Shaving-Stick Holders, of which the following is a specification.

This invention is an improvement in soap holders and especially in soap holders designed for use for shaving purposes, and the invention consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing Figure 1 is a longitudinal section of a soap holder embodying my invention. Fig. 2 is a detail section showing the thimble and the carrier plate screwing therein. Fig. 3 is an elevation of the carrier plate. Fig. 4 is a perspective view showing the soap block with the thimble and the carrier plate applied.

In carrying out my invention I employ a box A closed at one end A' and threaded at its other or open end A<sup>2</sup> to receive the thimble B which is threaded to screw within the threaded end of the box or body A and has a flaring end plate B' which may be milled to give a better grip in turning the same within the box or body A and being flared forms an efficient base upon which the device may stand when the soap is not in use.

The soap block C is provided at one end with the carrier D to which the soap block is held preferably in the manner hereinafter described and this carrier D screws within the thimble B so it may be adjusted from the position shown in Fig. 1 to that shown in Fig. 2 whenever desired especially when the soap is nearly all consumed and it is desired to eject from the thimble the unconsumed portion of the soap. As shown the thimble B is open at both ends and the soap carrier D may be screwed therein from its outer to its inner end or may be retained at any intermediate point as shown, for instance, in Fig. 1. The carrier D is provided with means to facilitate its turning. These consist of a plate or plates E projecting from the outer side of the soap carrier and forming bearings for engagement by the finger and thumb in turning the soap carrier within the threaded thimble B. As shown the soap carrier has an end plate D' provided with numerous perforations D<sup>2</sup> and it is

also shown as provided with an outer end plate D<sup>3</sup>, the space between the plates D' and D<sup>3</sup> receiving the small tongues C' of soap which protrude through the end plate D' and operate to bind the soap to its carrier.

In the use of the invention the carrier is screwed into the thimble or ring B to about the position shown in Fig. 1 or to a position nearer the milled end of the thimble if desired with the lugs or plates E incased within the said thimble and the thimble and carrier are placed in position under a filling hole in a machine containing the soap when soft and the soap is admitted through a suitable mold which is flush with the upper face of the thimble until the soap stick is firmly pressed into the two assembled parts B and D. The soap being soft or in a plastic condition will run through the small holes D<sup>2</sup> of the carrier in such manner, see Figs. 1 and 2, as to unite the soap firmly to the carrier. Before the soap is admitted the operator or factory hand may run a small brush supplied with oil around the interior threads of the thimble B so the soap will not adhere to the said thimble. The mold being taken off after the soap is cut off the desired length the soap will be fast to its carrier and the said carrier will be within the thimble and the latter may be screwed into the box or body A when the soap is ready for market.

The thimble and carrier form a handle for the soap and when the soap has been used down to the thimble it is only necessary for the operator to insert his fingers in the end of the ring B into engagement with the lugs or plates E and screw the carrier within the thimble to cause a little more soap to protrude and this may be repeated from time to time until all of the soap has been consumed except the small quantity which may have passed through the holes in the carrier plate.

The end plate D<sup>3</sup> is shown as supplied with an opening D<sup>4</sup> forming a vent for the escape of air as the soap passes through the openings D<sup>2</sup>.

I claim:

1. The combination substantially as described, of a box or body open at one end and threaded at such end, a thimble screwing into said threaded end of the body and having its outer end flared and a soap carrier screwing within said thimble and hav-

ing at its outer side means to facilitate its turning within the thimble and also provided at its inner side with a plate perforated for the passage of soap when in soft  
5 condition, substantially as set forth.

2. A soap holder comprising a box open at one end and threaded at such end, a threaded thimble screwing in the threaded  
10 end of the box and having its outer end flared forming a base on which to support the thimble, and a stop to abut the end of the box, and a soap carrier screwing into the thimble, substantially as set forth.

3. A soap holder comprising a thimble  
15 open at both ends and a soap carrier movable within said thimble and having a plate

provided with unobstructed perforations through which the soap may pass when soft, substantially as set forth.

4. A soap holder comprising a thimble 20 open at both ends and provided with threads and a soap carrier screwing within said thimble and provided at its inner end with a plate having unobstructed perforations in which soap may be held and at its outer 25 end with means forming bearings for the fingers in turning the carrier within the thimble, substantially as set forth.

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Witnesses:

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