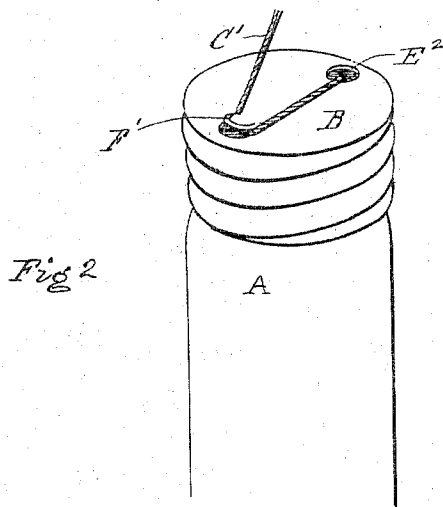
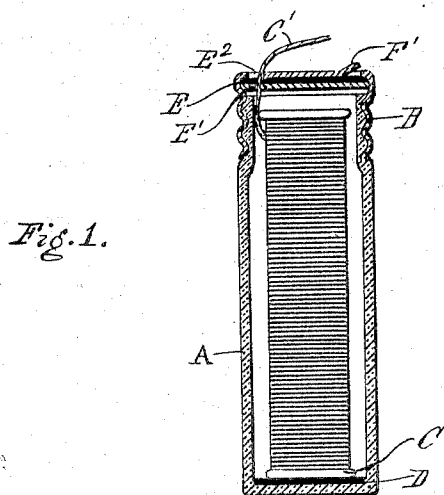


No. 817,050.

PATENTED APR. 3, 1906.

J. C. DE LA COUR.  
DENTAL FLOSS HOLDER.  
APPLICATION FILED JAN. 18, 1906.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JOSEPH CARL DE LA COUR, OF CONSHOHOCKEN, PENNSYLVANIA,  
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## DENTAL-FLOSS HOLDER.

No. 817,050.

Specification of Letters Patent.

Patented April 3, 1906.

Application filed January 18, 1906. Serial No. 296,676.

*To all whom it may concern:*

Be it known that I, JOSEPH CARL DE LA COUR, a citizen of the United States of America, residing in Conshohocken, in the county of Montgomery, State of Pennsylvania, have invented certain new and useful Improvements in Dental-Floss Holders, of which the following is a specification.

My invention relates to holders for dental floss, ligatures, or the like, and particularly to dental-floss holders comprising a small vial or bottle containing a reel of floss or silk and adapted to be carried around in the pocket.

It is the object of my invention to produce a holder which will be simple and neat in construction and cheap to manufacture and one provided with means whereby the floss will be kept clean and with means whereby the disagreeable jingling noise common to such articles will be avoided and also with means by which the floss after the desired amount has been withdrawn from the reel may be conveniently severed for use.

In the accompanying drawings, Figure 1 is an enlarged vertical section of a preferred form of my device, and Fig. 2 is a perspective view of the cap end of the holder.

Referring to the drawings, A represents a small vial or bottle of a convenient size to be carried in the pocket, having a metallic cap B, which may be screwed or otherwise secured to the bottle A. Within the bottle is a spool or reel C, on which the floss C' is wound. The lower end of the reel rests on a cushion D, of rubber or like material, placed in the bottom of the bottle to prevent the rattling or jingling noise of the reel in the glass while carried in the pocket. In the upper part of the cap B is placed another washer composed of a layer of rubber E and a layer of celluloid E' or other such suitable materials. The rubber forms a dust-proof washer, and the celluloid gives a smooth hard surface on which the end of the reel may turn easily and with little friction. This washer E E' and the cap B are perforated at E<sup>2</sup> for the passage of the floss. The perforation in the rubber is so small that dust and dirt are prevented from entering around the floss and soiling the contents of the bottle.

On the metal of the cap B is provided an upwardly-punched tongue F', preferably on

its upper surface. The edges of this tongue may be sharpened, if preferred. After the desired amount of floss has been drawn out through the perforation in the cap the thread is caught under this tongue F', as indicated in Fig. 2, and it is cut or broken off at the proper length.

I claim as my invention—

1. A holder for dental floss, &c., comprising a bottle having a reel and floss therein, in combination with a cap and means on the cap whereby the floss may be cut at the desired length, as drawn out.

2. A holder for dental floss, &c., comprising a bottle having a reel and floss therein, in combination with a cap, a double washer in said cap, and means on the cap whereby the floss may be cut at the desired length, as drawn out.

3. A holder for dental floss, &c., comprising a bottle having a reel and floss therein, and a cushion in the bottom of said bottle, in combination with a cap, a double perforated washer therein having a hard surface against which the reel turns, the second washer and cap being perforated through which the floss is drawn out.

4. A holder for dental floss, &c., comprising a bottle having a reel and floss therein, and a cushion in the bottom of said bottle, in combination with a cap, a washer therein having a hard surface against which the reel turns, said cap and washer being perforated whereby the floss may be removed, and means on the cap whereby the floss may be cut at the desired length, when drawn out.

5. A holder for dental floss, &c., comprising a bottle having a reel and floss therein, in combination with a cap, a double washer therein consisting of a disk of rubber and a second disk having a hard smooth surface against which said reel turns, said washer and cap being perforated, and a punched-up tongue on the cap whereby the floss may be cut at the desired length, when drawn out.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOSEPH CARL DE LA COUR.

Witnesses:

MAURICE O'B. HALLOWELL,  
MARY M. CORRIGAN.