

C. F. BOOTH.
 HOLDER FOR DENTAL FLOSS.
 APPLICATION FILED JAN. 4, 1910.

975,205.

Patented Nov. 8, 1910.

FIG. 1.

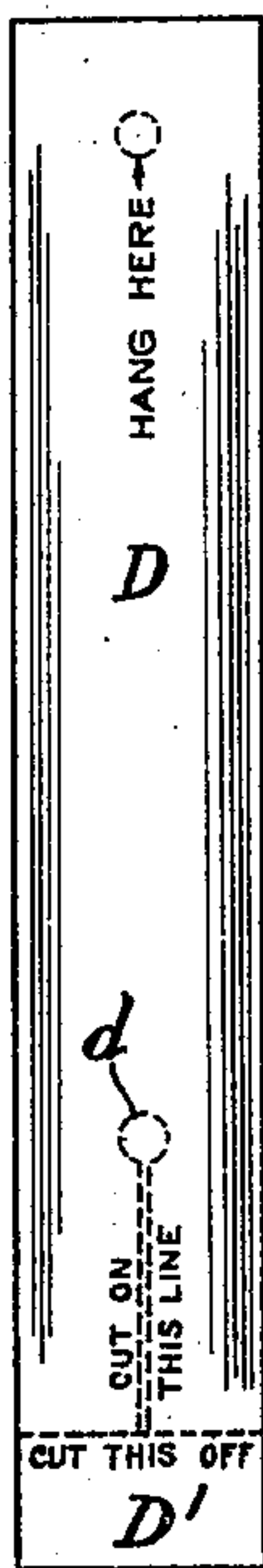


FIG. 2.

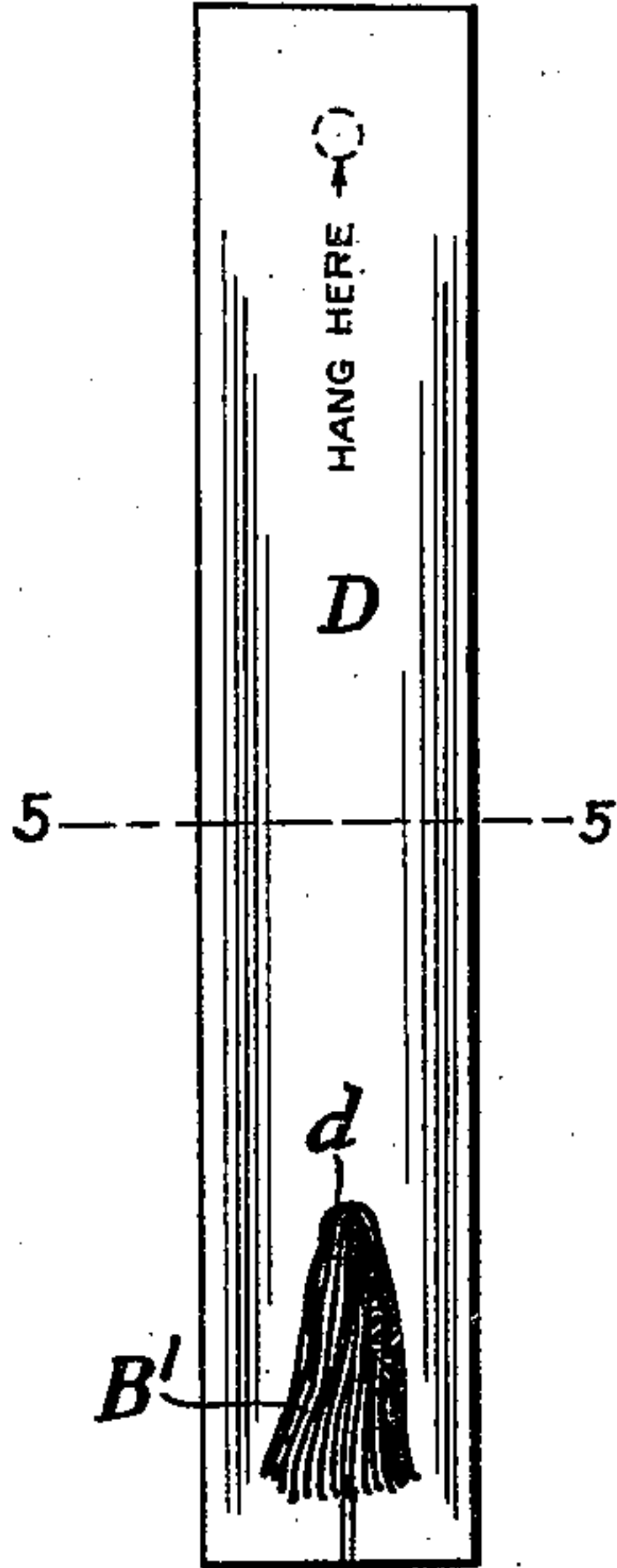


FIG. 3.

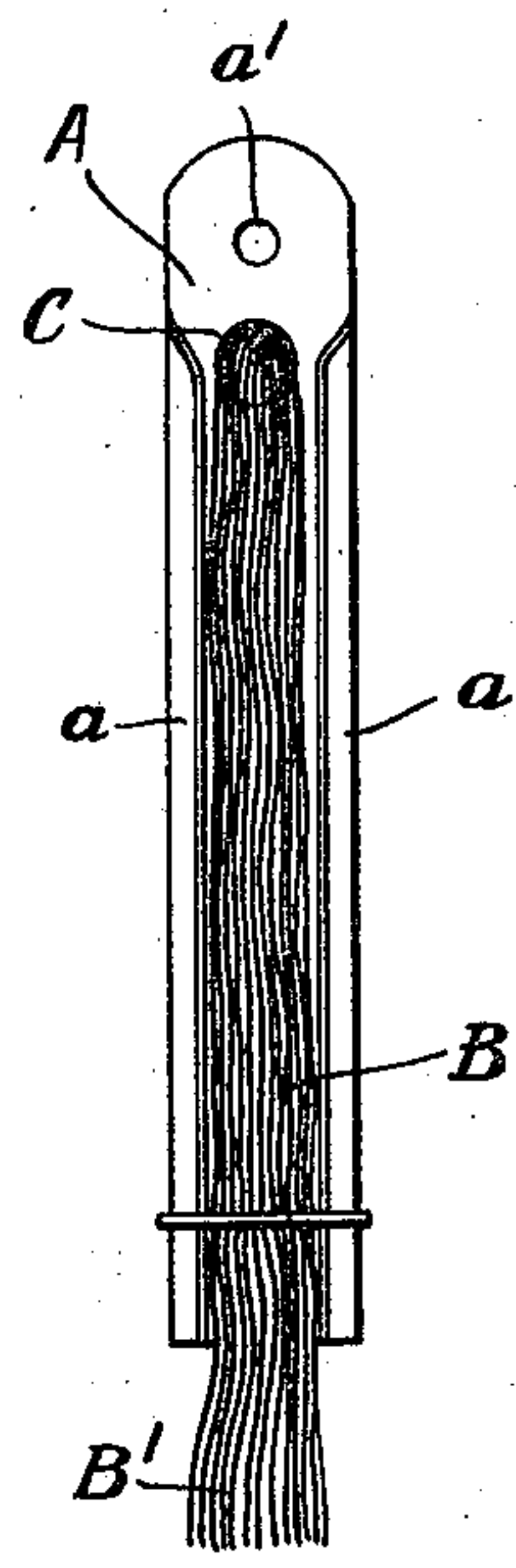


FIG. 4.

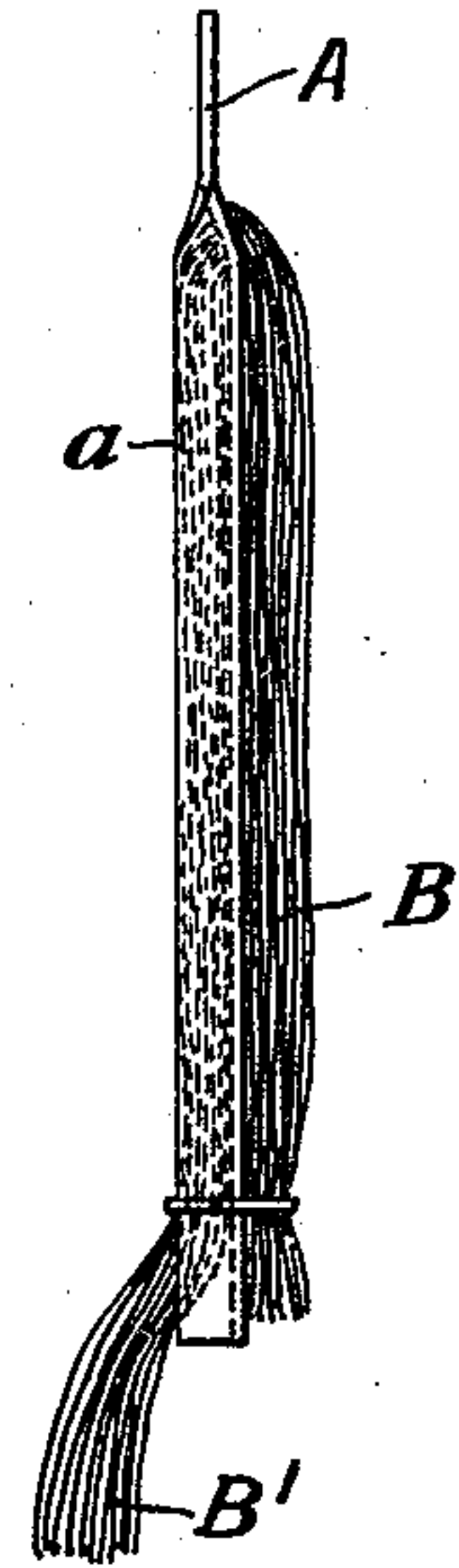


FIG. 5.

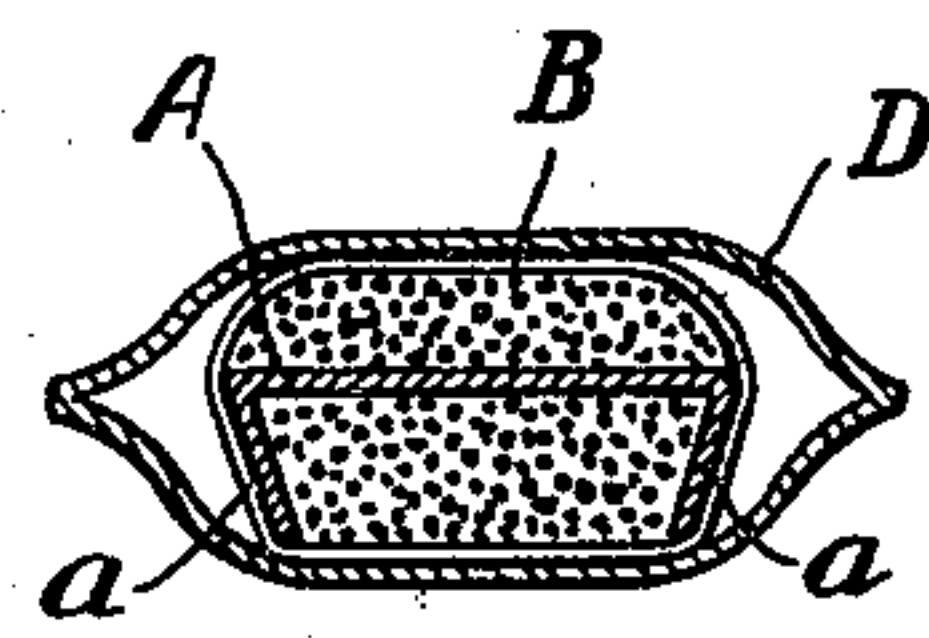


FIG. 6.

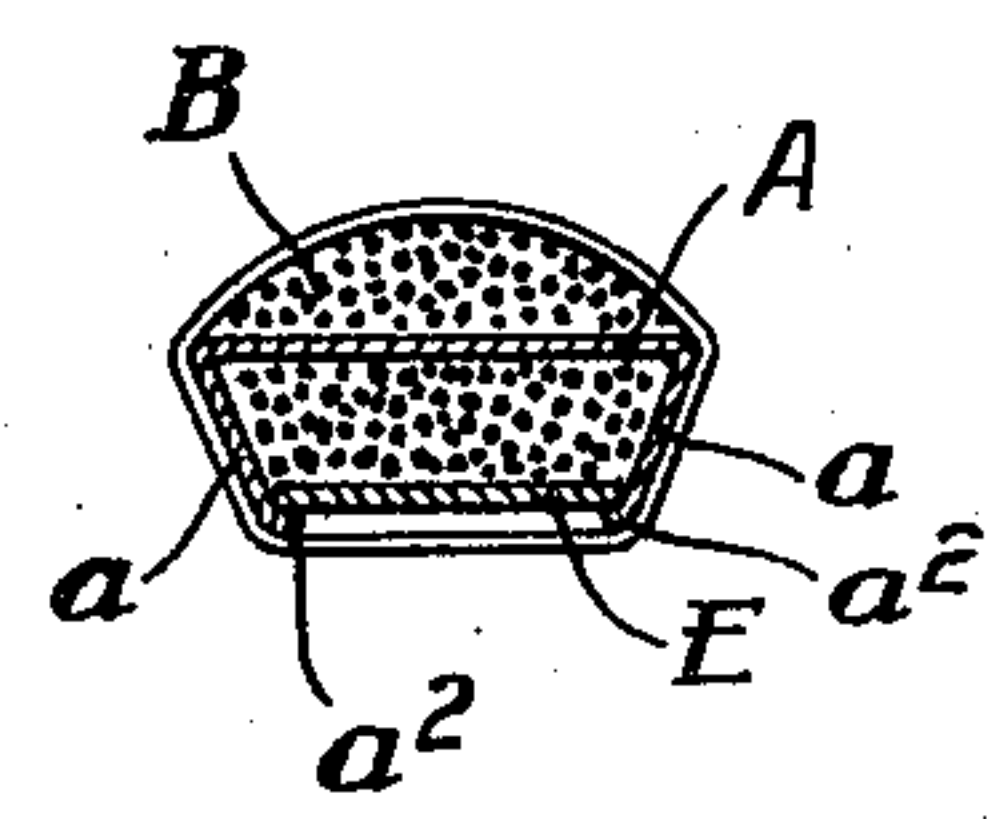
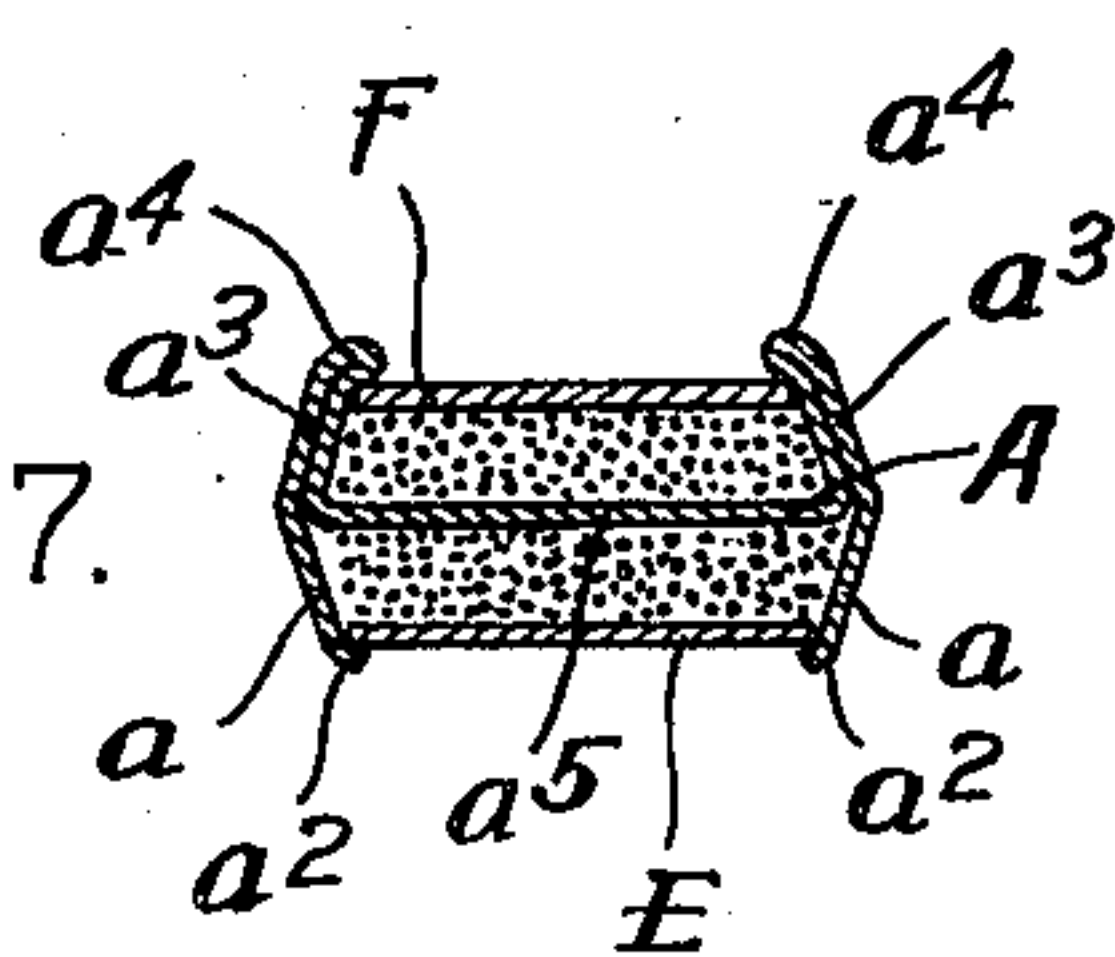


FIG. 7.



WITNESSES:
 Clarence W. Carroll
 L. Thon

INVENTOR:
 Charles F. Booth
 by C. Schuyler Davis
 his attorney

UNITED STATES PATENT OFFICE.

CHARLES F. BOOTH, OF CANANDAIGUA, NEW YORK.

HOLDER FOR DENTAL FLOSS.

975,205.

Specification of Letters Patent.

Patented Nov. 8, 1910.

Application filed January 4, 1910. Serial No. 536,425.

To all whom it may concern:

Be it known that I, CHARLES F. BOOTH, a citizen of the United States, and resident of Canandaigua, in the county of Ontario and State of New York, have invented certain new and useful Improvements in Holders for Dental Floss, of which the following is a specification.

This invention relates to a holder for dental floss, and its object is to provide something that will hold the dental floss conveniently ready at hand, and at the same time have provision for keeping it in aseptic condition.

In the drawings:—Figure 1 is a side view of the outer cover; Fig. 2 shows the same, after having been prepared for use; Figs. 3 and 4 are front and side views, respectively, of the holder proper; Fig. 5 is a section on the line 5, 5 of Fig. 2; and Figs. 6 and 7 are sections showing two modifications, both taken at points corresponding with that indicated by the line 5, 5 of Fig. 2.

The holder proper A (Figs. 3 and 4) is conveniently formed from sheet metal, in which case it is formed from a single piece, having inwardly turned flanges a , a on each side. A bunch of dental floss B is drawn through a hole C near the top of the holder, and adjusted so that the end B' hangs below the holder. An elastic or other band is used to confine the strands and hold their ends in upon the holder. A hole a' at the top of the holder enables it to be hung up for use. The holder and floss are placed within a closed container D (Fig. 1), that is sealed for shipment.

When the floss is to be used the lower end D' of the container is removed and its front side is then split part way up, as indicated in Fig. 1, while a hole d is made at the end of the slit, as is also indicated, and the end of the floss drawn through it. Then the holder still in its container, and so protected, is hung up ready for use, and the strands removed from it one at a time by pulling them out through the hole d .

In the modified form shown in Fig. 6, the edges a^2 of the flanges a are turned inwardly toward each other so that they receive between them and retain a cover plate E of cardboard or other suitable material, which accordingly affords an additional protection for the floss.

If desired, the floss can be protected on

both sides of the holder by placing flanges a^3 , a^3 on the side opposite that from which the flanges a , a extend, as shown in Fig. 7, and turning in toward each other the edges a^4 , a^4 till they too hold a cover plate F. 60

Fig. 7 illustrates a construction in which a holder of this last type is made from a single piece of sheet metal by folding it back upon itself centrally so that there is a central partition a^5 , and flanges a^2 , a^2 and a^3 , a^3 on either side. 65

What I claim is:—

1. A holder for a bunch of cords, consisting of an elongated plate, perforated near one end to contain the cords, and having a pair of outwardly directed flanges to shield the cords; substantially as shown and described. 70

2. A holder for a bunch of cords, consisting of an elongated plate, perforated near one end to contain the cords, and having a pair of outwardly directed flanges to shield the cords with inwardly turned edges adapted to receive and retain a cover plate between them; substantially as shown and described. 75 80

3. A holder for a bunch of cords, consisting of an elongated plate, perforated near one end to contain the cords, and having on each side a pair of outwardly directed flanges to shield the cords; substantially as shown and described. 85

4. A holder for a bunch of cords, consisting of an elongated plate, perforated near one end to contain the cords, and having on each side a pair of outwardly directed flanges to shield the cords and the flanges of each pair having inwardly turned edges adapted to receive and retain between each pair of flanges a cover plate; substantially as shown and described. 90 95

5. A holder for a bunch of cords, consisting of an elongated plate, perforated near one end to contain the cords, and having on each side a pair of outwardly directed flanges to shield the cords, made from a single sheet-metal blank by depressing a portion centrally between sides bent at right angles thereto; substantially as shown and described. 100

CHARLES F. BOOTH.

Witnesses:

D. GURNEE,

C. W. CARROLL.