

No. 808,690.

PATENTED JAN. 2, 1906.

O. C. SCHULZ.
DENTAL SILK BOX.

APPLICATION FILED SEPT. 29, 1904.

Fig. 1.

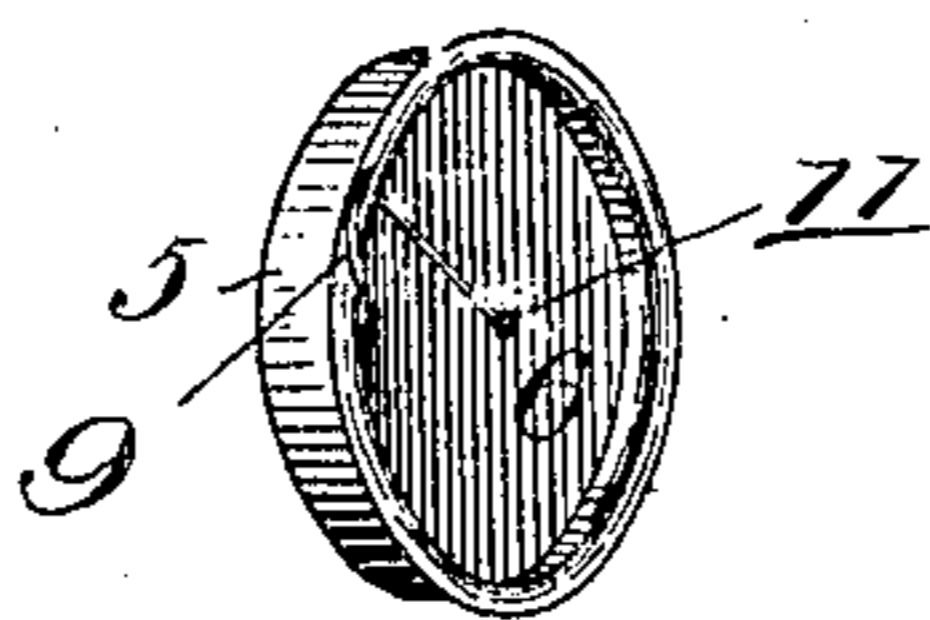


Fig. 2.

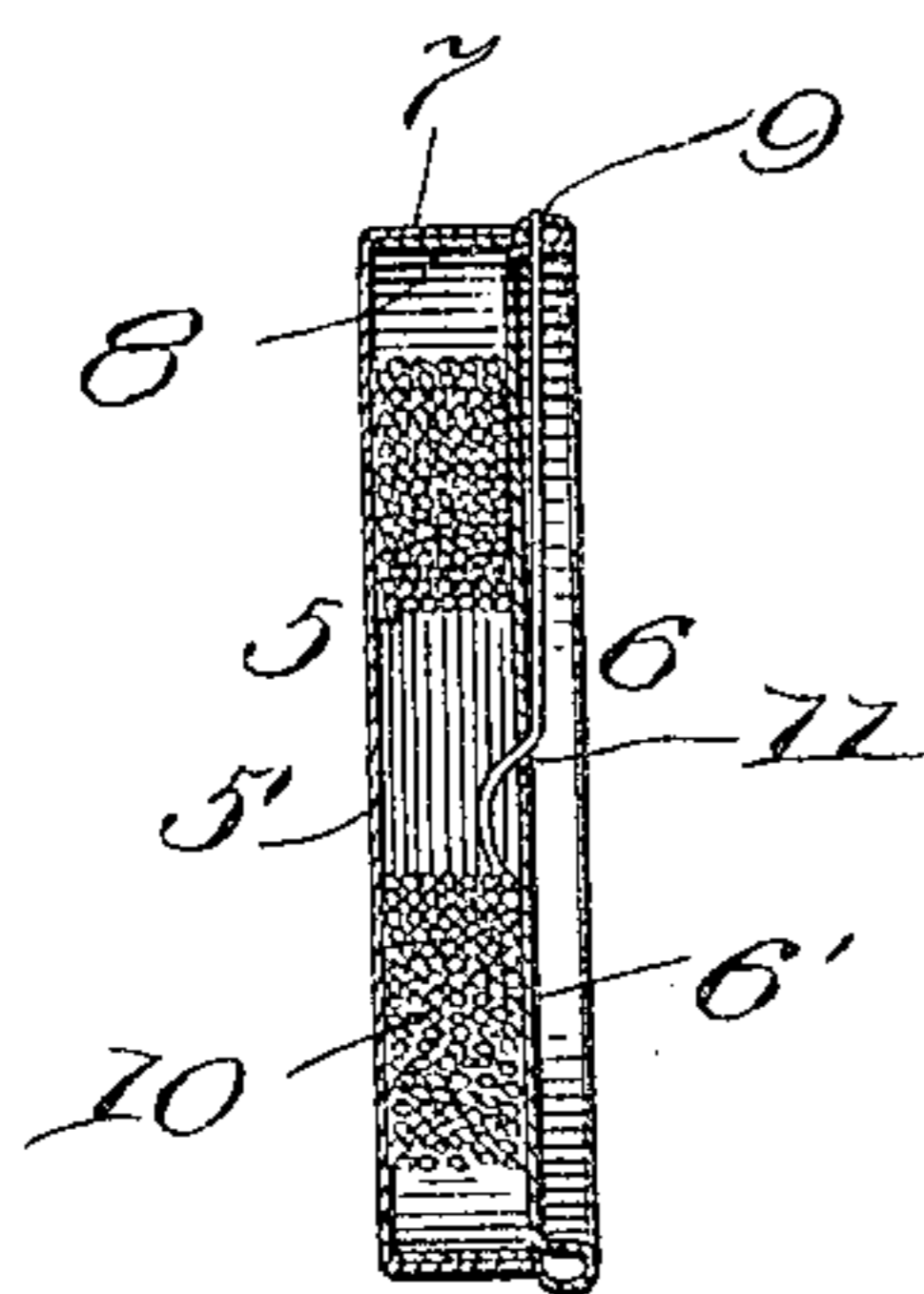
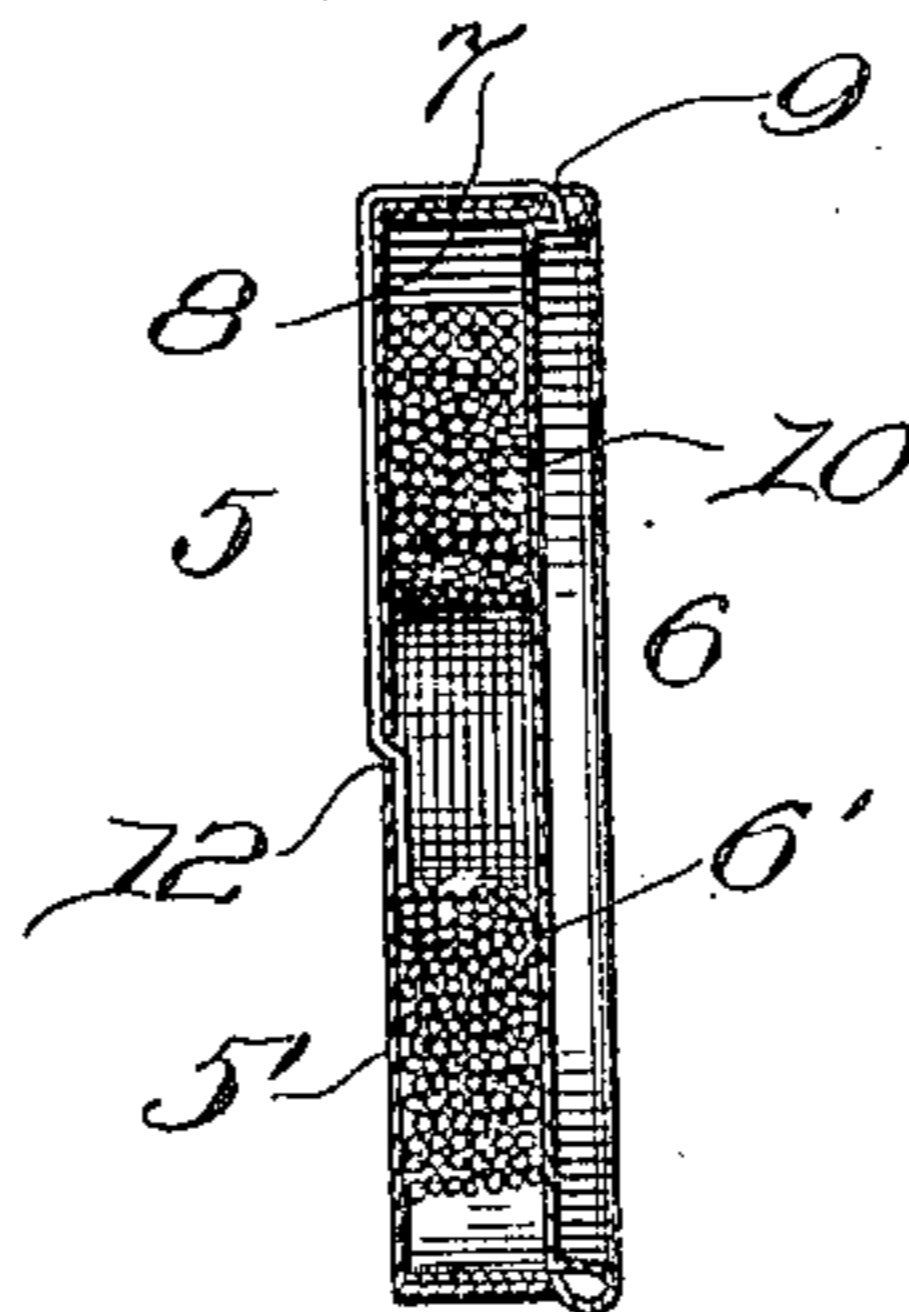


Fig. 3.



Witnesses:

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DENTAL-SILK BOX.

No. 808,690.

Specification of Letters Patent.

Patented Jan. 2, 1906.

Application filed September 29, 1904. Serial No. 226,456.

To all whom it may concern:

Be it known that I, OTTO C. SCHULZ, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Dental-Silk Boxes, of which the following is a specification.

The primary object of this invention is to provide a neat and shapely package of dental silk conveniently constructed for carrying in a pocket.

Further objects are to inclose and keep the coil of silk in a cleanly condition, to securely hold the end of the coil which is exposed on the outside of the box, and to provide a cutter for severing the thread or yarn.

A further object is to securely hold the end of the thread or yarn which is exposed on the outside of the box.

In the drawings, Figure 1 is a perspective view of the invention. Fig. 2 is a central sectional view. Fig. 3 is also a central sectional view showing the thread carried over the edge of the box.

The box consists, essentially, of two members 5 and 6, the former having a bottom 5' and the latter having a top 6'. The member 5 has a peripheral flange 7 extending at a right angle to the edge of its bottom, and the member 6 has a peripheral flange 8 extending at a right angle to the edge of its top, these flanges being constructed to fit snugly one within the other and lock the two members together by their frictional engagement. A bead is formed at the juncture of the flange 8 with the top 6' of the member 6, and this bead is slit angularly to form a cutter 9, as clearly shown in Fig. 1. The thread 10, in the form of a coil which unwinds from the center, is inclosed in the box between the two members thereof, as clearly shown in Fig. 2, and the end of the thread at the center of the coil is carried out of the box through the opening 11 in the top of the member 6. The bead and cutter can be formed at the juncture of the flange 7 with the bottom 5' of the member 5, if desired, and the thread can be carried out through the opening 12 in the bottom of the member 5 and across the edge of the box, Fig. 3. The extreme end of the thread is held in the cutter, as illustrated, and this prevents it from slipping back into the box or becoming

entangled with other objects to draw the thread out of the box when not desired. By grasping the thread between the cutter and the opening in the box and pulling slightly the end will be disengaged from the cutter and the desired length of thread can be drawn out of the box and cut off by slipping it into the cutter and pulling it sharply. The thread-opening in the box will be of just sufficient size to permit the thread to pass therethrough easily, and thus the box is practically sealed at all times and the thread therein is preserved in a cleanly condition.

The box can be made of tin or other material and of any size desired, and, being flat, it can be readily carried in a small pocket.

The flanges are comparatively narrow, and this makes a flat cylindrical shallow box in which the coil is held in place by engagement with the top and bottom of the box. The coil is made to unwind from the center through the opening in the box, and by unwinding in this manner the coil is reduced in thickness, but not in length or diameter, and hence it will be held in place by engagement with the top and bottom of the box until it is practically exhausted.

Without limiting myself to the exact construction and arrangement of parts herein shown and described, what I claim, and desire to secure by Letters Patent, is—

A dust-proof dental-silk pocket-package comprising a shallow cylindrical box consisting of two members, one member comprising the top of the box and a narrow peripheral flange thereon, and the other member comprising the bottom of the box and a similar flange thereon, said flanges being constructed to lap one over the other and lock together, one of said members being provided with a central opening, and a flat coil of thread or yarn held in place within said box between the top and bottom thereof, said coil being made to unwind from the center through the opening in the box, whereby the coil reduces in thickness but not in length or diameter and remains held in place between the top and bottom of the box until practically exhausted.

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Witnesses:

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