Oct. 1, 1929. F. L. DAILEY 1,730,266

DENTAL ROLL HOLDER

Filed Dec. 8, 1928

Fig. 1.

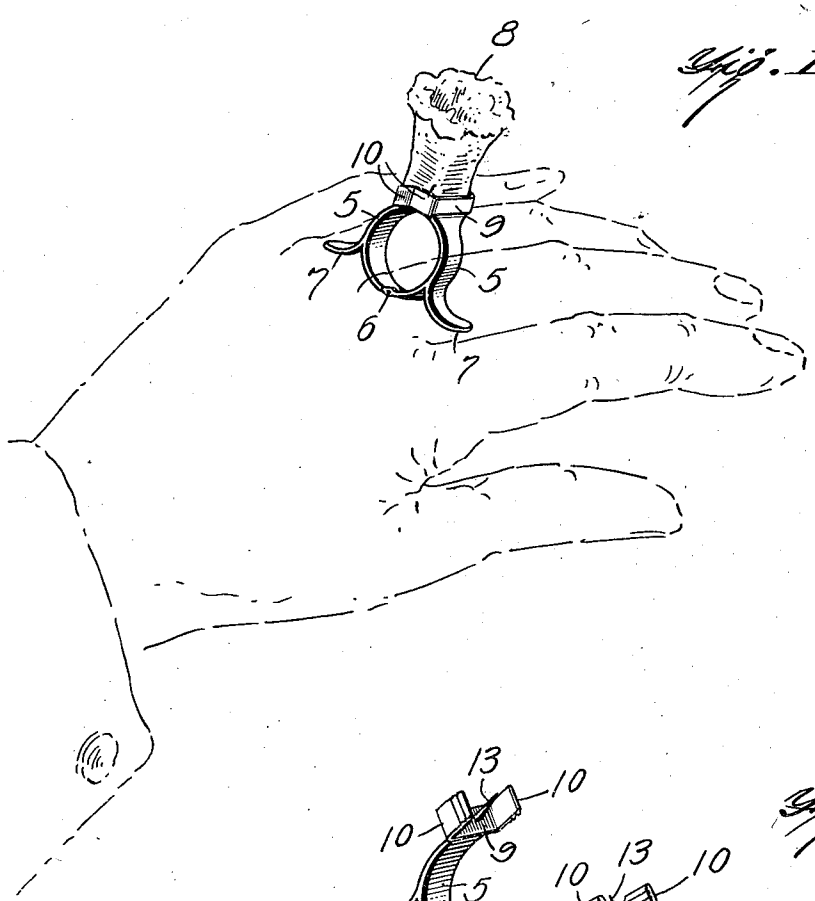


Fig. 2.

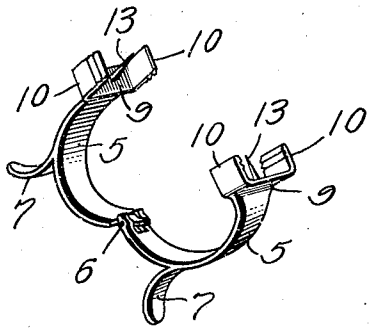
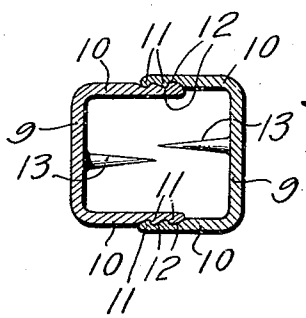


Fig. 3.



Inventor

FRANK L. DAILEY,

By Jack Richmond

Attorney

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UNITED STATES PATENT OFFICE

FRANK L. DAILEY, OF NEW BRUNSWICK, NEW JERSEY, ASSIGNOR TO JOHNSON & JOHNSON, OF NEW BRUNSWICK, NEW JERSEY, A CORPORATION OF NEW JERSEY

DENTAL ROLL HOLDER

Application filed December 8, 1928. Serial No. 324,776.

There are times in dental operations when the surgeon has to work quickly, using both hands, and finds it annoying and vexatious to search for dental cotton on the usual tray or stand; and so the object of my invention is to provide a dental holder of simple and light construction that readily may be carried as a finger ring and thus save a lot of lost motion.

The invention in its preferred form is illustrated in the accompanying drawings, wherein

Figure 1 is a perspective view showing the application of the holder.

Fig. 2 is a perspective view of the holder unapplied and with the jaws parted.

Fig. 3 is an enlarged transverse sectional view of the jaws in closed relation.

The improved holder is constituted of elements movable with relation to each other and which when juxtaposed or closed one upon the other form a ring adapted to encircle the finger.

The ring sections are indicated at 5 and they are hinged on the palm side as at 6. Each section is equipped with a curved wing 7 designed for engaging adjoining fingers on the palm side and thus prevent turning or twisting of the holder.

The face ends of the ring sections are formed as jaws for gripping the usual cotton roll 8. The jaws by preference are half box sections consisting of end walls 9 and side walls 10. Evidently when juxtaposed or in confronting relation they provide a socket of rectangular box form which is believed best adapted for gripping cotton of roll form. The jaws are constructed for interlocking engagement and this is accomplished by providing the inner faces of the side walls of one and the outer faces of the side walls of the other with complemental ribs and channels indicated, respectively, at 11 and 12. The respective end walls have pins or piercing elements 13 designed to penetrate the cotton roll and positively anchor the same in the holder.

Having described my invention, I claim:

1. A dental roll holder embodying gripping jaws movable into and out of interlocking relation, and a finger encircling carrier for the jaws.

2. A dental roll holder embodying gripping jaws movable into and out of interlocking relation, and a finger encircling carrier having wings contoured to engage adjoining fingers to prevent turning movement of the carrier.

3. A dental roll holder embodying relatively movable roll gripping jaws formed as half box sections, and a finger encircling carrier for the jaws.

4. A dental roll holder embodying relatively movable roll gripping jaws having opposed roll piercing elements, and a support for the jaws formed as a finger ring.

5. A dental roll holder embodying relatively movable roll gripping jaws, and a finger encircling carrier for the jaws consisting of half rings having a hinge joint.

6. A dental roll holder embodying a finger ring carrier having relatively movable roll gripping jaws whereof the side walls have complemental ribs and channels for interlocking purposes.

In testimony whereof I affix my signature.

FRANK L. DAILEY.