

(No Model.)

T. SCHRADER.
FINGER RING.

No. 581,922.

Patented May 4, 1897.

FIG. 1.

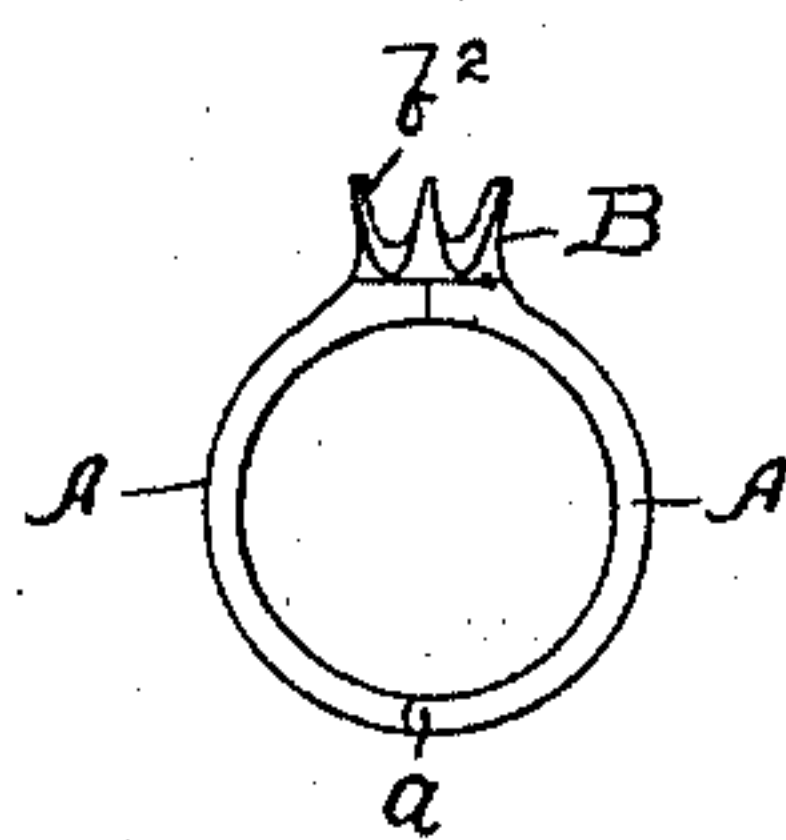


FIG. 2.

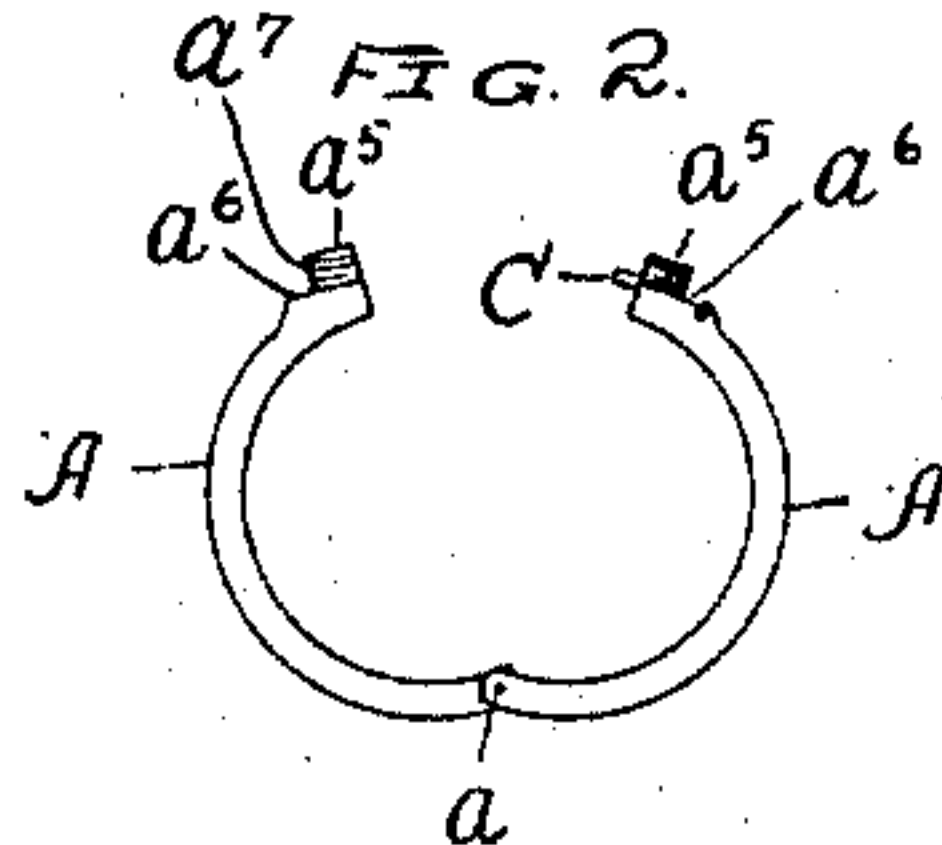


FIG. 3.

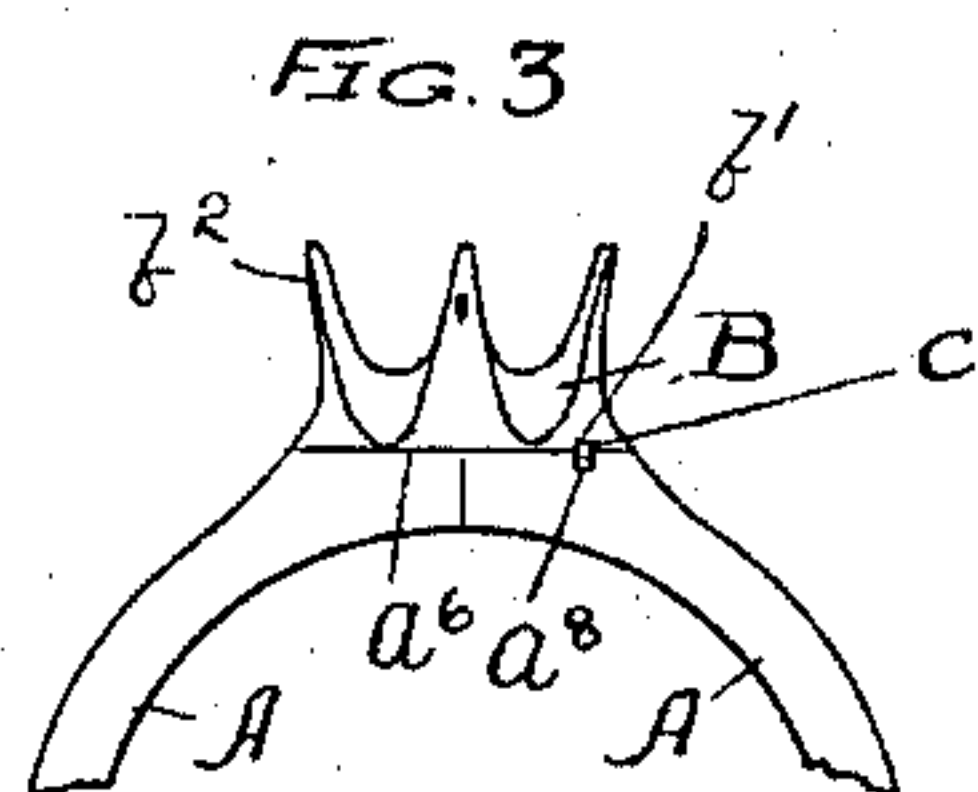


FIG. 4.

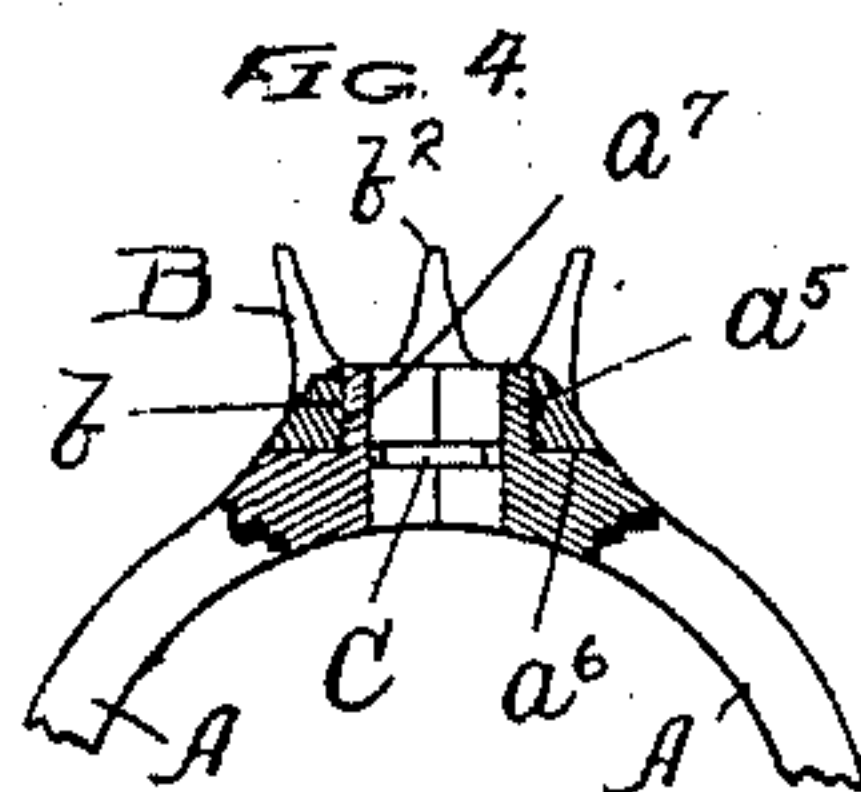


FIG. 5.

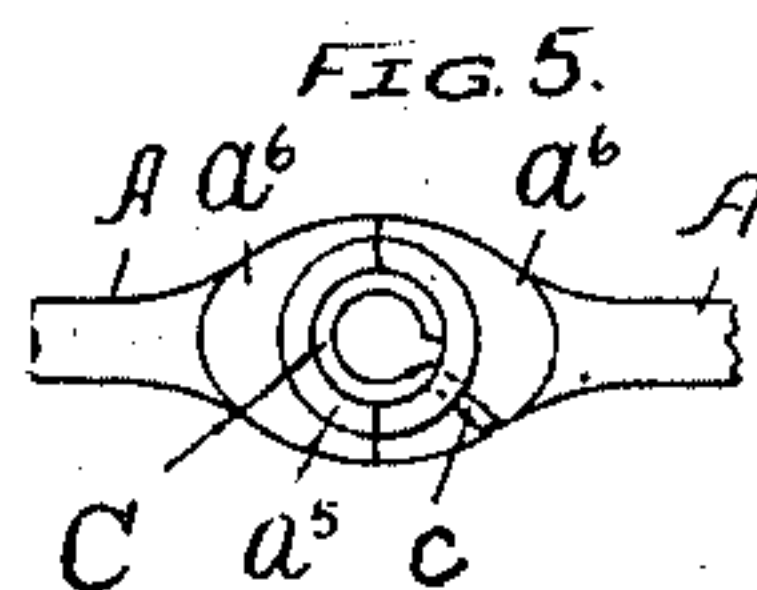
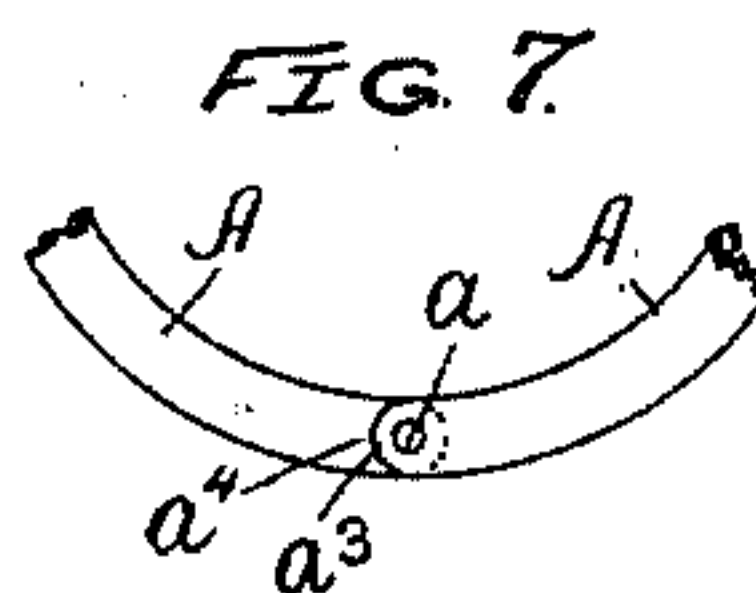


FIG. 6.



FIG. 7.



WITNESSES:

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UNITED STATES PATENT OFFICE.

THEODOR SCHRADER, OF CHICAGO, ILLINOIS, ASSIGNOR TO THEODOR SCHRADER AND ALFRED H. WITTSTEIN, OF SAME PLACE.

FINGER-RING.

SPECIFICATION forming part of Letters Patent No. 581,922, dated May 4, 1897.

Application filed March 23, 1896. Serial No. 584,384. (No model.)

To all whom it may concern:

Be it known that I, THEODOR SCHRADER, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Finger-Rings, of which the following is a specification.

My invention relates to improvements in finger-rings.

The object of my invention is to provide a finger-ring of a jointed construction to enable it to be put on or removed from the finger with ease, especially in cases where the knuckle is a little large, and at the same time fit the finger with requisite closeness to cause the ring to set properly in position thereon without turning, and which will also be at once of a simple, neat, and secure construction, so that the joints while securely locked will scarcely be visible to the naked eye.

To this end my invention consists in the novel construction and combination of parts herein shown and described and specified in the claims.

In the accompanying drawings, forming a part of this specification and in which similar letters of reference indicate like parts, Figure 1 is a side elevation of a finger-ring embodying my invention, showing the same closed. Fig. 2 is a similar view showing the same open. Fig. 3 is an enlarged detail view. Fig. 4 is a partial central vertical section. Fig. 5 is an enlarged detail plan view of the ring with its head removed. Figs. 6 and 7 are detail plan and side views, respectively, of the hinged joint.

In the drawings, A A represent the two hinged members of the circular or shank part of the ring, the two members A A being preferably equal and joined together by a hinge. This hinge preferably comprises a pivot a , which passes through the hinge-jaws $a' a^2 a^3$, said jaws having circular ends a^3 and circular shoulders a^4 , concentric to the pivot a , so as to form a close and almost invisible joint between the members A A.

The hinged members A A of the ring are provided at their upper or meeting ends each with a segmental screw-threaded projection

a^5 and a segmental shoulder or seat a^6 to receive the removable screw-threaded head B of the ring.

The head B has internal screw-threads b to engage the external screw-threads a^7 on the segmental projections a^5 . The screw-threaded segmental projections a^5 are preferably equal to each other, so that they together form a complete circular screw, which is also preferably hollow or sleeve-like to form a cavity or opening to receive the spring C. This spring C is preferably circular in form and is soldered or otherwise secured to one of the members A of the ring. It has an end or projection c , fitting in a slot or notch $b' a^8$, formed in the crown B and in one of the members A of the ring, so that this projecting end of the spring will operate as a catch to lock the head B from turning when it is screwed snugly home or down into position. This spring-lock C guards against any danger of the head coming accidentally unscrewed and lost. By simply pressing the projection or end c of the spring-lock down into the slot a^8 the head B may be readily unscrewed and removed.

The head B is furnished with the customary clamps b^2 for securing the jewel or cluster of jewels in place thereon. It, however, instead of the clamps b^2 , may have a solid or central ornament formed integral with the head B, if the invention is to be used in a plain gold ring, or any other suitable means for securing a jewel or other ornament thereto.

I claim—

1. In a finger-ring, the combination with two hinged members provided at their meeting ends each with a semiannular externally-screw-threaded projection, said projections together forming a hollow screw-threaded annulus, of a removable internally-screw-threaded annular head encircling the screw-threaded projections on the members of the ring, said head being furnished with clamps b^2 for securing the jewel or ornament to the head of the ring, and a spring-catch secured within said semiannular externally-screw-threaded projections on the two hinged members of the ring and having an end or projec-

tion adapted to engage and be disengaged from said annular head to normally lock the same from unscrewing and at the same time to permit the head to be removed when desired, substantially as specified.

2. In a finger-ring, the combination with two hinged members provided at their meeting ends each with a screw-threaded segmental projection, of a removable screw-threaded head encircling the screw-threaded projections on the members of the ring, and a spring-catch for locking the head from unscrewing, substantially as specified.

3. In a finger-ring, the combination with two hinged members A A each provided with an externally-screw-threaded segmental projection or sleeve a^5 , a removable internally-screw-threaded head B fitting thereon, and a spring-catch C having an end or projection c fitting in slots $b' a^8$ with which said head and

one of the members of said ring are provided, substantially as specified.

4. In a finger-ring, the combination with two hinged members A A each provided with an externally-screw-threaded segmental projection or sleeve a^5 , a removable internally-screw-threaded head B fitting thereon, and a spring-catch C having an end or projection c fitting in slots $b' a^8$ with which said head and one of the members of said ring are provided, the hinge uniting said members A A comprising the pivot-pin a and interfitting jaws $a' a^2$ having circular ends and shoulders concentric with said pivot, substantially as specified.

THEODOR SCHRADER.

Witnesses:

ALFRED POWERS,
ALFRED H. WITTSTEIN.