

(No Model.)

J. W. GWINN.

FINGER RING.

No. 323,322.

Patented July 28, 1885.

Fig. 1 .

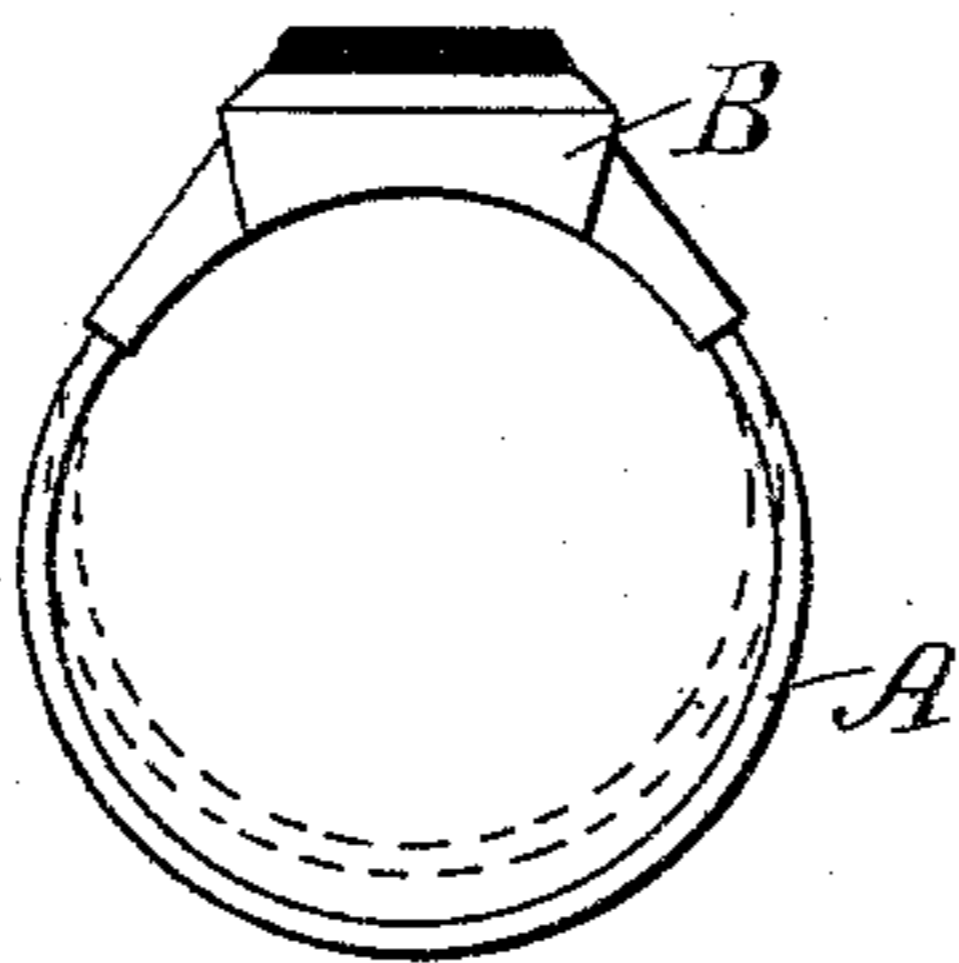
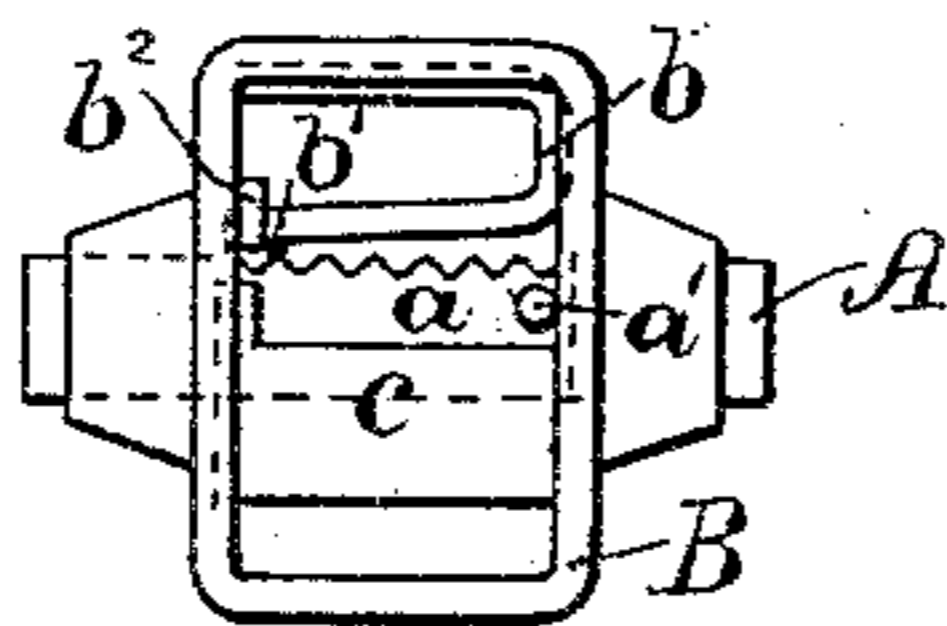


Fig. 2 .



WITNESSES:

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FINGER-RING.

SPECIFICATION forming part of Letters Patent No. 323,322, dated July 28, 1885.

Application filed May 20, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. GWINN, of the city and county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Finger-Rings, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to that class of rings which are adjustable in size, so as to pass easily over the finger-joints and fit closely upon the inner part of the finger, the object of my invention being to produce a simple and durable arrangement for the purpose described, and one which shall facilitate and simplify the adjustment of the ring, while securely holding the same when adjusted.

To the above ends my invention consists in the peculiar and novel construction and arrangement of parts hereinafter described and claimed.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a side view of my improved ring. Fig. 2 is a top view of the same.

In the said drawings, A designates the loop of my improved ring, which is somewhat flexible, so as to be capable of the movements indicated in dotted lines in Fig. 1 consequent upon a reduction in diameter. Upon one end of the loop is secured or formed the setting B, which may be either of the shape shown or of any other suitable shape. In any event, however, the setting is formed with a central depression. The free end of the loop is formed with an extension, *a*, one side of which is serrated, as shown in Fig. 2, and this extension lies within the setting.

b designates a curved spring-catch, which also lies within the setting, and the free end of which is formed with a projection, *b'*, arranged to enter the serrations of the extension *a*. The serrations are inclined the same on both edges, but in opposite directions, so that they will slip under the spring-catch if the end of the loop be pushed with moderate force in either direction.

The extension *a* is confined in its movements by an overlying plate, *c*, which is se-

cured in the setting, and the free end of the spring *b* is confined in its movements by the projection *b'* upon the inner side of the setting. The spring lies beneath the sides of the setting, as shown by dotted lines in Fig. 2, and may be further secured by solder. The extension *a* is also provided with a projection, *a'*, which prevents the extension from being pulled out of the setting, the latter being, of course, slotted at one side to permit the entrance of the extension. Thus as the ring passes over the finger-joint the extension *a* will be drawn somewhat out of the setting, the spring *b* riding over the serrations of the extension, and when the ring has been fully placed upon the finger the loop is compressed, forcing the extension into the setting, and causing the spring-catch to hold the loop by entering the proper serration.

I do not wish to be understood as confining myself to the precise construction shown and described, as modified forms of the spring and the attachments for holding the several parts in the setting are contemplated by my invention.

The arrangement hereinbefore described is applicable also to bracelets and encircling bands generally.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. An improved ring consisting of the loop A, having one end provided with serrations inclined oppositely on opposite edges, and the other end provided with the frame-like setting B, slotted at one edge to permit the passage of said serrated end, in combination with the spring-catch arranged entirely within the setting for engaging the serrations, substantially as set forth.

2. The combination, with the loop A, provided with the serrated extension *a* and the setting B, of the spring *b*, having the projection *b'*, the projection *b'*, for limiting the movement of the spring, the projection *a'*, for holding the extension, and the plate *c*, for confining the extension, said spring, projections, and plate being secured within the setting, as described.

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Witnesses:

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