

(No Model.)

A. SUSSMAN.

ADJUSTABLE DEVICE FOR FINGER RINGS, &c.

No. 304,579.

Patented Sept. 2, 1884.

Fig. 1.

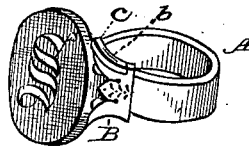


Fig. 2.

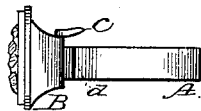


Fig. 3.

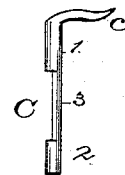


Fig. 4.

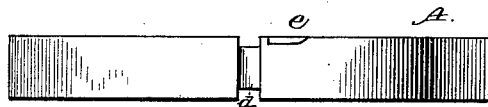
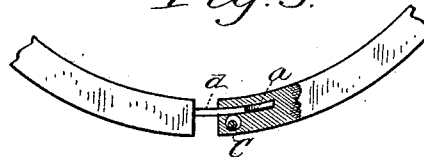


Fig. 5.



Witnesses:

J. W. Reynolds
Edward E. Ellis

Inventor

Alfred Sussman
per O. E. Duff
att'y

UNITED STATES PATENT OFFICE.

ADOLPH SUSSMAN, OF BROOKLYN, NEW YORK.

ADJUSTABLE DEVICE FOR FINGER-RINGS, &c.

SPECIFICATION forming part of Letters Patent No. 304,579, dated September 2, 1884.

Application filed March 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, ADOLPH SUSSMAN, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Adjusting Devices for Finger-Rings and Bracelets; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My improvement relates to finger-rings or bracelets; and it has for its object to form the same of such construction as to permit its adjustability to varying sizes, so as to fit different-sized fingers or wrists.

To this end the invention consists in the construction of finger-ring or bracelet and the means, substantially as hereinafter described, whereby its adjustability may be effected.

Reference being had to the accompanying drawings, Figure 1 represents a perspective view of a finger-ring embodying my improvement; Fig. 2, a side view; and Fig. 3, a view in detail of the cam-pin, by which the ring is effectually secured or held at any of its points of adjustment. Fig. 4 is a side view of a bracelet; and Fig. 5 is a front view of a portion thereof, partly in section, to more clearly illustrate its construction.

Referring to the several parts by letter, A represents the bow-shank of the ring and bracelet, and B represents the crown or head of the ring. This crown or head is hollow or slotted out the same as is shown in one end of the bracelet at *a*, Fig. 5. Through the said crown is formed a transverse opening, *b*, which communicates with its hollow interior, and is preferably circular in shape. Into this opening is passed a cam-pin, C, which is formed with a small right-angle portion, *c*, by which the said pin is manipulated. It is evident, however, that the cam C may be turned with a key or suitable means other than that shown and designated by 6, as the main object is to bind the shank of the ring at the desired point. The pin at the portions marked 1 and

2 is circular in cross-section, so that its bearing in the opening *b* will be a smooth and even one. At its middle portion (marked 3) it is eccentric to the remaining portions, its contour being somewhat elliptic, and analogous to an eccentric or cam. The difference of thickness between the portions 1, 2, and 3 is considerably smaller than the thickness of the shank or bow of the ring, so that when the eccentric portion is turned against said shank the pin will bind it sufficiently tight to hold it.

In employing my improvement in connection with a bracelet, the openings *a b* are formed in one end thereof, while to the opposite end a tongue, *d*, is provided, which passes into said opening *a*, and is adjustable the same as is the bow of the ring. I prefer to have the ring-band to form a spring-bow, so that the spring will retain the binding portion in a position to be readily adjusted.

The following is the operation: One end of the shank is preferably integral with the crown or head, and the other end free to be moved in and out of the opposite hollow portion of said shank. To loosen the free end in the crown the pin C is turned until the side of the portion 3 is relieved from pressure against the side of the shank, and the size of the ring increased or diminished, as desired. To tighten the same so as to hold it, the movement of the pin is reversed. In one of the side edges of the hollow crown portion I propose to form a recess or channel, (see *e*, Fig. 4,) into which the portion *c* of the pin is pushed, in order that it may not give to the ring a rough or unsightly appearance.

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

1. In finger-rings or bracelets, the crown formed with the hollow portion, as described, and having one end of the bow or shank integral therewith, while the other end is adjustable in said hollow portion, in combination with an eccentric or cam pin, constructed as described, for binding it at its points of adjustment, substantially as set forth.

2. An adjustable finger-ring or bracelet of the construction substantially as herein described, in combination with the cam-pin C,

formed with the circular portions 1 2 and eccentric 3, and having extension *c*, by which it is manipulated, as set forth.

3. An adjustable finger - ring or bracelet
5 formed as described, and having the side groove, *c*, in the crown thereof, and the pin C, formed substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two 10 witnesses.

ADOLPH SUSSMAN.

Witnesses:

O. E. DUFFY,

EDWARD E. ELLIS.