

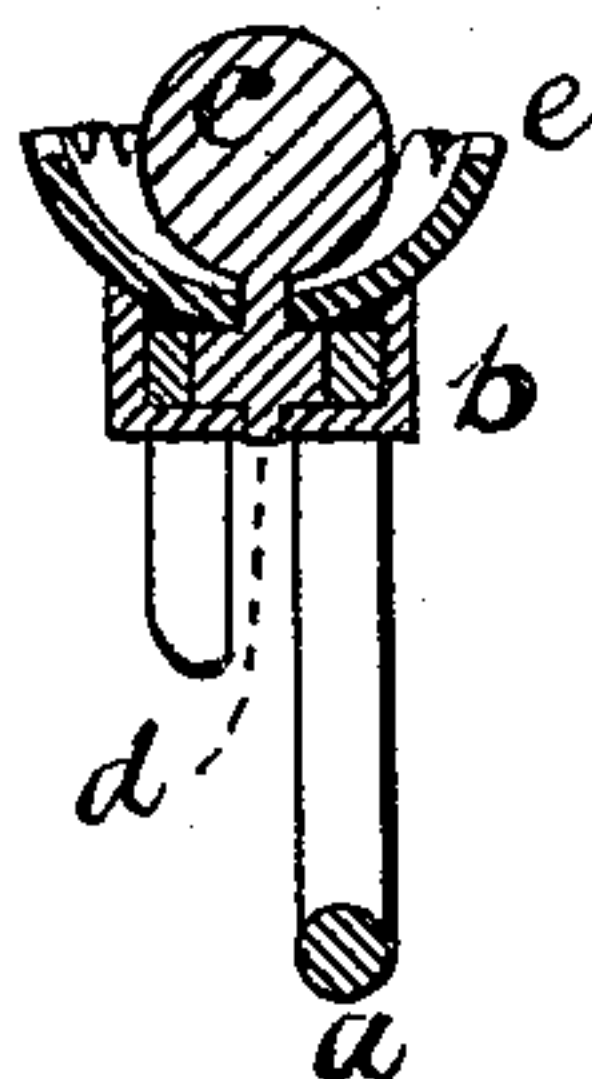
(No Model.)

A. BONNIOL.

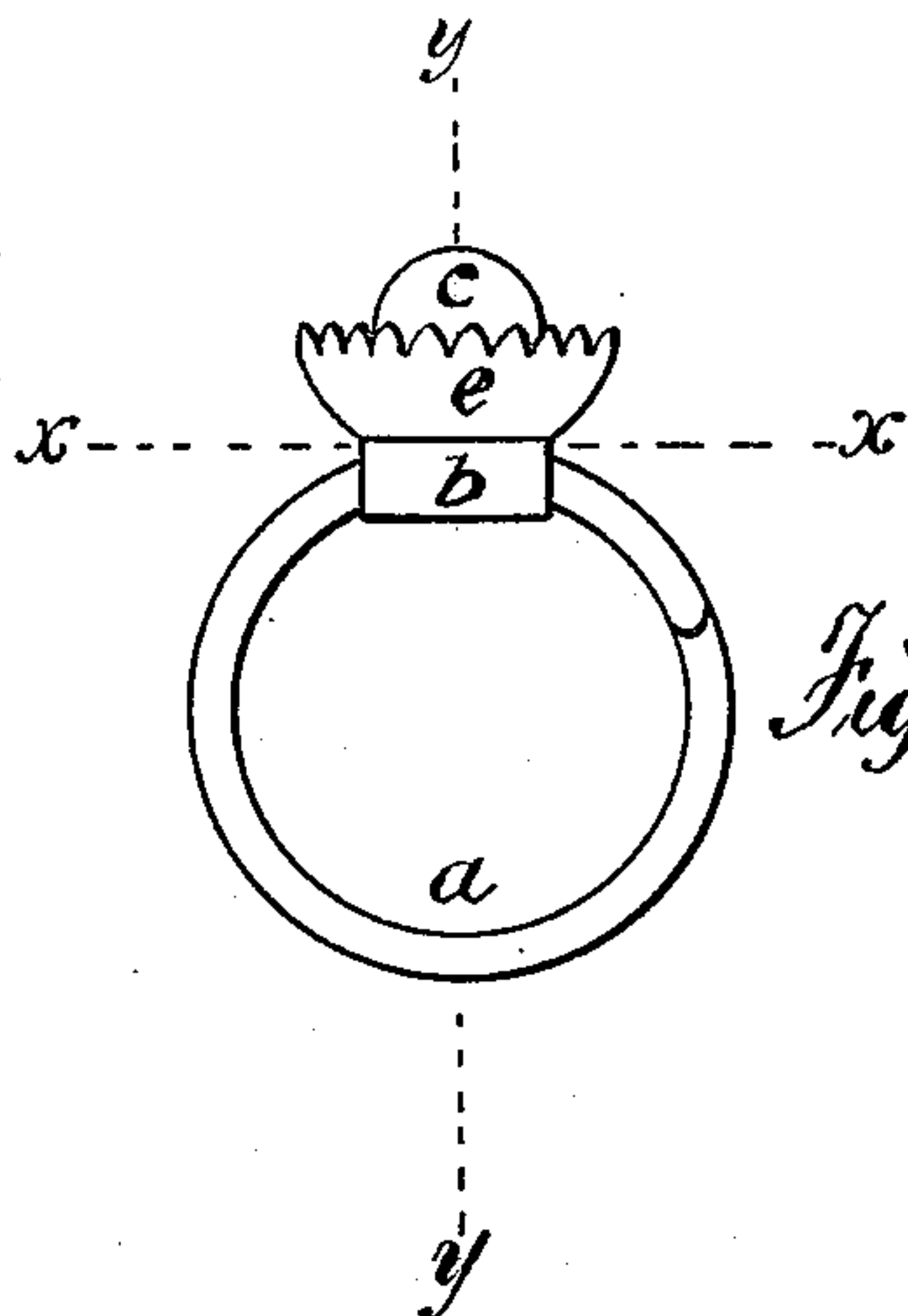
FINGER RING.

No. 251,170.

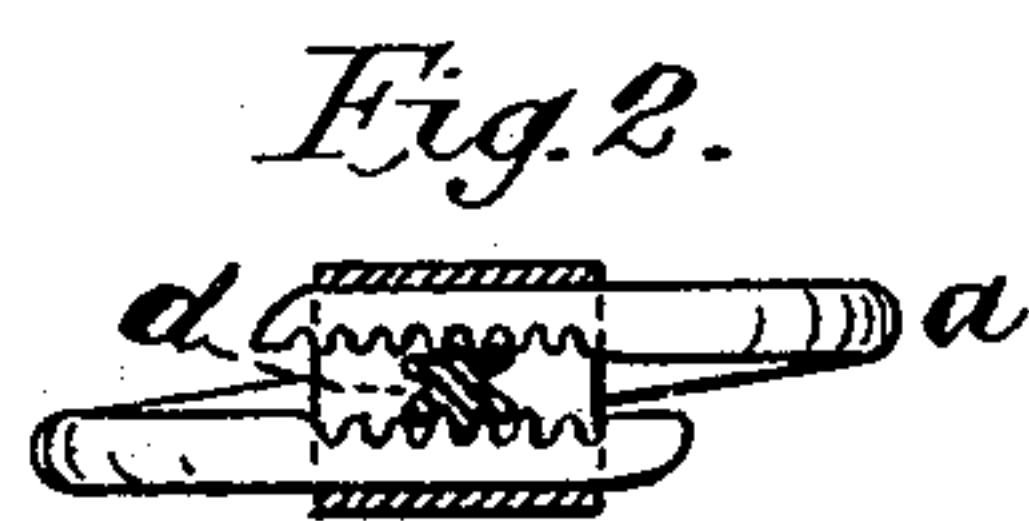
Patented Dec. 20, 1881.



*Fig. 3.*



*Fig. 1.*



*Fig. 2.*

*Attest:*  
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*Chas. Winters.*

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*by*  
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# UNITED STATES PATENT OFFICE.

ADOLPHE BONNIOL, OF NEW YORK, N. Y.

## FINGER-RING.

SPECIFICATION forming part of Letters Patent No. 251,170, dated December 20, 1881.

Application filed September 10, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, ADOLPHE BONNIOL, a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Finger-Rings, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as 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 letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a side elevation of my device, and Figs. 2 and 3 are sections of the same, taken through lines *x* and *y*, similar letters of reference indicating like parts in each of the several figures.

The object of this invention is to render a finger-ring or other similar article capable of being expanded or contracted in its circumference by and at the pleasure of the wearer; and it consists in the peculiar construction, combination, and arrangement of the several parts, all as will be hereinafter set forth, and finally embodied in the claims.

In the drawings, *a* represents a ring embodying my improvement. *b* represents a clamp or sleeve, *c* an ornament and thumb-piece combined, and *d* a pinion attached thereto.

In carrying out my invention I construct the ring *a* with separable and serrated ends *a'*, which pass each other sidewise, as shown in Fig. 2. The said ends are confined in a clamp or sleeve, *b*, through which passes a shank carrying a pinion, *d*, which intervenes between and meshes with the serrated ends *a'*, said

shank being attached to a spherical head or thumb-piece, *c*, the latter being surrounded by a dish-shaped ornamental border, *e*, attached to the sleeve *b* or head, as may be preferred, all as shown.

The operation is as follows: When it is desirable to expand or contract the ring the head *c* is seized by the thumb and finger and the pinion rotated to the right or to the left, as the case may be, the ends of the ring being arranged to slide freely back and forth through the sleeve, as will be readily understood. The adjustment of the parts is such as that the friction prevents the accidental expansion or contraction of the ring.

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

1. An adjustable ring composed of a body, *a*, having serrated and lapping ends *a'*, a clamp or sleeve, *b*, a pinion, *d*, and means for rotating the same, the parts being arranged to operate substantially as and for the purposes set forth.

2. In an adjustable ring, the combination of a pinion, *d*, and means for rotating the same, by which the ring may be expanded or contracted in circumference, substantially as and for the purposes set forth and shown.

In testimony that I claim the foregoing I have hereunto set my hand this 26th day of August, 1881.

ADOLPHE BONNIOL.

Witnesses:

OLIVER DRAKE,  
CHARLES WINTERS.