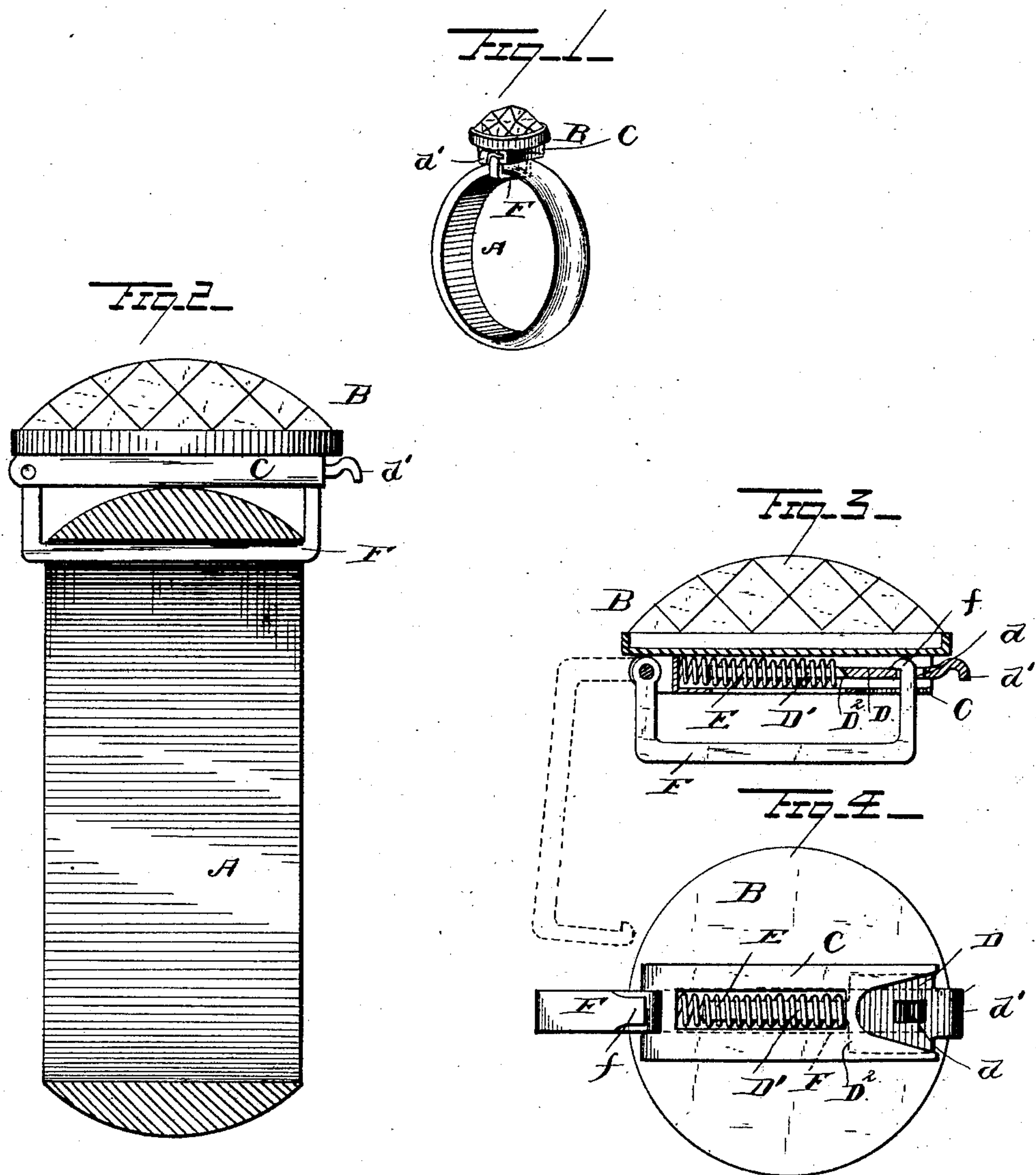


(No Model.)

J. SCOTT.
FINGER RING.

No. 367,449.

Patented Aug. 2, 1887.



Witnesses

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UNITED STATES PATENT OFFICE.

JAMES SCOTT, OF DENVER, COLORADO.

FINGER-RING.

SPECIFICATION forming part of Letters Patent No. 367,449, dated August 2, 1887.

Application filed June 19, 1886. Serial No. 305,718. (No model.)

To all whom it may concern:

Be it known that I, JAMES SCOTT, a citizen of the United States, residing at Denver, in the county of Arapahoe and State of Colorado, have invented a new and useful Improvement in Finger-Rings, of which the following is a specification.

My invention relates to an improvement in finger-rings; and it consists in the combination, with a finger-ring, of the setting and means for detachably securing the setting to the ring; and it further consists in the peculiar construction and combination of devices that will be more fully set forth hereinafter, and particularly pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a ring embodying my improvements. Fig. 2 is an elevation of the same, partly in section. Fig. 3 is a detailed sectional view of the setting and the fastening device for attaching the same to the ring. Fig. 4 is an inverted plan view of the same.

A represents a plain ring, and B represents the setting in which the jewel is secured.

On the under side of the setting is a keeper or guideway, C, in which is secured a sliding detent-plate, D, which is provided with a slot, *d*, and has a downturned flange or ear, *d'*, at its outer end. At the inner end of its body the plate D is provided with a reduced shank, D', a shoulder, D², being formed at the junction of said body and shoulders. This detent-plate is secured in one end of the keeper surrounding said shank D', and is free to move back and forth therein for a slight distance.

E represents a coiled spring, which is located in the keeper and bears against the shoulder of the detent-plate. To the end of the keeper, opposite that in which the detent-plate is secured, is hinged a catch, F, which is adapted to embrace the ring, and is provided at its free end with a shoulder, *f*, having a rounded or beveled head. The function of the spring E is to keep the detent-plate normally moved outwardly from the keeper, and this is effected by its expansive force upon the inner end of said keeper and against said shoulder. The latter is beveled on its lower face, as shown, in order that when it is being forced into place the free end of the

catch F will be depressed thereby sufficiently to allow the plate D to pass over it.

The operation of my invention is as follows: In order to attach the setting to the ring, it is placed against the outer side of the ring and the catch F is caused to embrace the inner side of the ring, with the free end of the catch bearing against the under side of the detent-plate at the inner end of the slot *d*. The said plate is then moved inwardly sufficiently far to cause the shouldered end of the catch to enter the slot *d*, and the spring E then moves the plate D outwardly, causing the inner end of the said slot to engage the shoulder *f* of the catch, and thus lock the free end of the same to the detent-plate and prevent the setting from becoming lost from the ring.

A number of settings having different jewels may be provided for each ring, thus enabling the owner to vary the arrangement of the jewels when more than one is worn in a ring, and to substitute one jewel for another at pleasure, thus effecting an economy of rings by enabling the same band to be used with a variety of jewels or settings.

Having thus described my invention, I claim—

1. In a finger-ring, the combination, with the ring proper, A, of a setting, B, a latch, F, having an angular body hinged at one end to said setting, and adapted to embrace tightly the body of the ring A, and means for securing the free end of said latch in the setting, substantially as described.

2. In a finger-ring, the combination, with the ring proper, A, of a setting, B, a guideway, C, upon said setting, a keeper, D, fitting in said guideway, and provided with a slot, *d*, said keeper having a reduced shank, D', at its inner end, a coiled spring surrounding said shank, and a catch, F, hinged at one end to said guideway, and provided at its other end with a rounded head, forming a shoulder, *f*, adapted to be engaged by said keeper, substantially as described.

3. In a finger-ring, the combination, with the ring proper, A, of a setting, B, guideway C upon said setting, a keeper, D, fitting in said guideway, and provided with a slot, *d*,

said keeper having a reduced shank, D', at its inner end, a shoulder, D², at the junction of the body and shank of said keeper, said shoulder being beveled on its under face, a coiled
5 spring surrounding said shank, and a catch, F, hinged at one end to said guideway, and provided at its other end with a rounded head, forming a shoulder, f, adapted to be engaged by said keeper, as set forth.

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

JAMES SCOTT.

Witnesses:

WALTER CHEESEWRIGHT,
JAMES A. RANKINE.