

No. 855,530.

PATENTED JUNE 4, 1907.

J. V. REID.

KEY RING.

APPLICATION FILED FEB. 2, 1907.

FIG. 1.

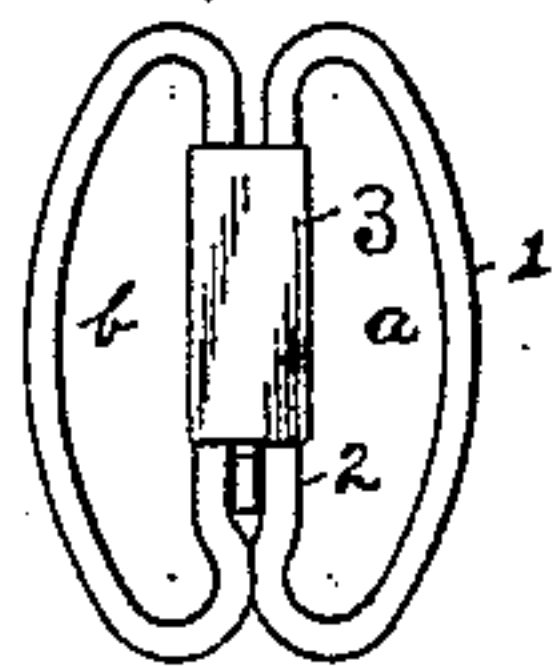


FIG. 2.

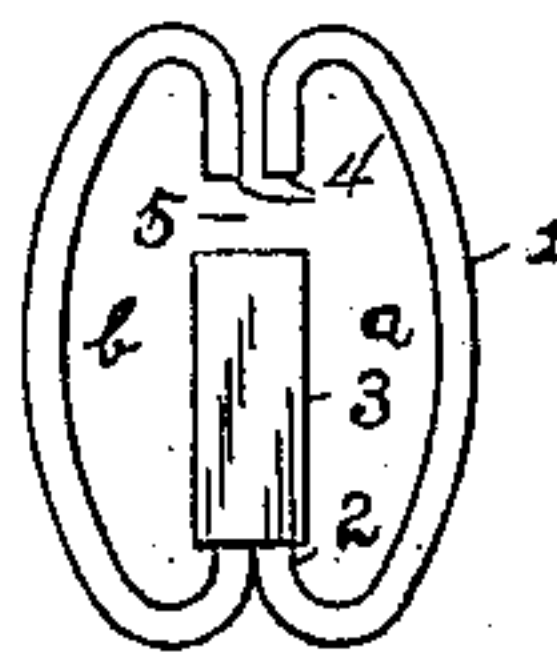


FIG. 3.

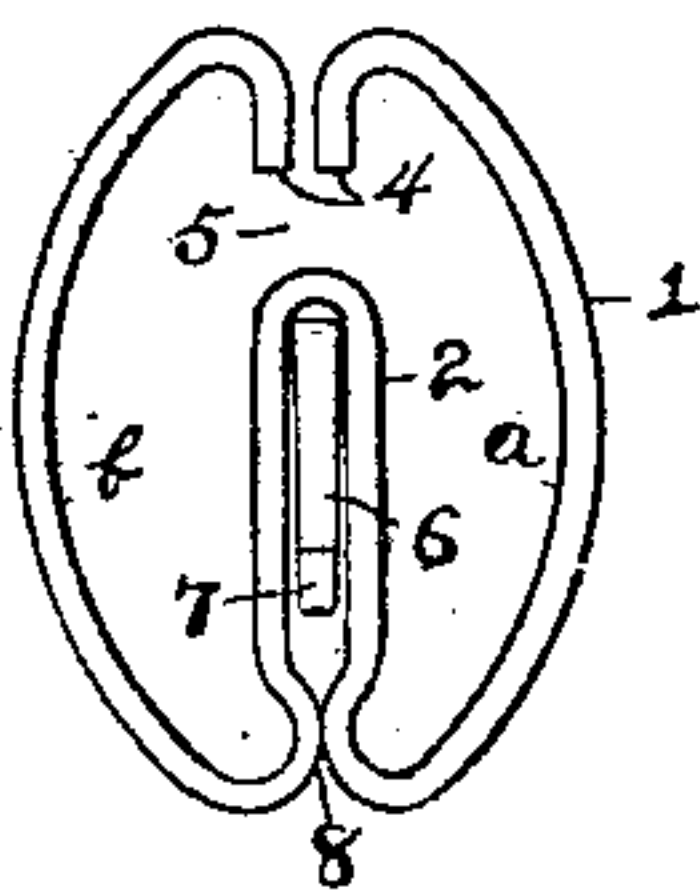


FIG. 4.

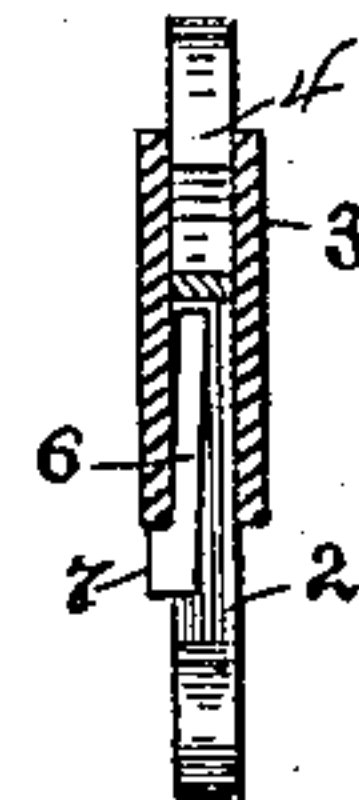
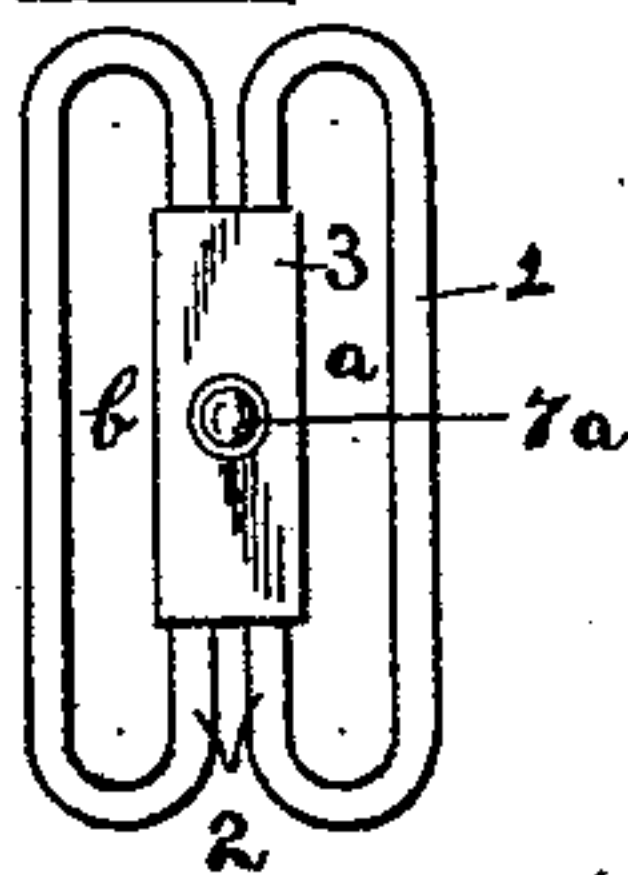


FIG. 5.



WITNESSES:

*Roll H. Lilworth*  
*Lafayette B. Worley*

INVENTOR

BY *James V. Reid*  
*C. Rudolph Singer*  
HIS ATTORNEY

# UNITED STATES PATENT OFFICE.

JAMES V. REID, OF CLARION, PENNSYLVANIA.

## KEY-RING.

No. 855,530.

Specification of Letters Patent.

Patented June 4, 1907.

Application filed February 2, 1907. Serial No. 355,412.

*To all whom it may concern:*

Be it known that I, JAMES V. REID, a citizen of the United States, residing at Clarion, in the county of Clarion and State of Pennsylvania, have invented certain new and useful Improvements in Key-Rings, of which the following is a specification.

My invention relates to key-rings and has for its object to provide a key-ring having a secure closing means for the aperture thereof which will be at the same time simple, inexpensive and conveniently operated.

A further object of my invention is to provide a single key-ring or holder adapted to hold certain keys separate and apart from the others.

My invention consists in certain novel combinations, construction and arrangement of parts whereby the combination of the two key holding and separating parts provides a location for the keeper between them where it will not be acted upon by the keys or other influences liable to disturb the action of said keeper and its functions, as will be more fully set out hereinafter.

In the accompanying drawings which form part of this specification: Figure 1 is a view of my improved key-ring showing the sleeve or keeper locked in position. Fig. 2 is a similar view showing the keeper opened for the insertion or removal of keys. Fig. 3 is a view of the key-ring with the keeper entirely removed. Fig. 4 is a longitudinal section through the key-ring at the keeper. Fig. 5 is a modified form of the key-ring.

Referring again to the drawings for a detailed description of my invention: The continuous wire or rod 1 is bent to form the two ring portions *a* and *b* and the central dividing shank or support 2 for the sleeve or keeper 3. The keeper 3 consists of a sleeve which embraces the shank 2 and is slidable thereon and adapted to embrace the ends 4 and close the aperture 5 when in the position shown in Fig. 1, and to slide clear of said aperture to the position shown in Fig. 2 when moved in the opposite direction. The two ends 4 are bent in and are adjacent and parallel for a short distance substantially as shown, so as to leave a space 5 between said ends 4 and the end of the shank 2. A resilient catch arm 6 is secured at one end between the par-

allel sides of the shank 2 and has a catch lug 7 to engage and lock the keeper or sleeve 3 when said keeper is in engagement with the ends 4. Slight kinks 8 in the wire 1 bring the sides of the shank 2 together near the circumference of the ring to prevent the keys working around between the parallel sides of the shank 2 and avoid the possible consequent interference of the keys with the catch lug 7.

In the modified form shown in Fig. 5, the catch lug 7<sup>a</sup> engages with an opening in the keeper and being thus situated, away from the possible action of the keys, the kinks 8 may be dispensed with.

Depressing the catch lug permits the keeper to be pushed back from engagement with the ends 4 and exposes the aperture 5 for the purpose of entering the keys upon the ring at either side.

Having thus fully described my invention, I claim as novel and desire to protect by Letters Patent of the United States:—

1. In a key-ring, the combination of a substantially ring shaped wire having inturned ends adjacent to each other, an inturned shank portion opposite to said ends and partially bi-secting said ring, a slidable keeper embracing said shank and adapted to complete the bi-secting of said ring and engage the aforesaid inturned ends, and a spring catch to lock said keeper, substantially as and for the purposes set forth.

2. In a key-ring, the combination of a substantially ring-shaped wire having its ends adjacent to each other, an inturned shank portion opposite to said ends and partially bi-secting said ring, and inclosing an elongated space within said shank portion substantially closed at both ends, a spring catch within the elongated space in said shank portion, and a sleeve embracing said shank and adapted to slide thereon to complete the bi-secting of said ring and engage the aforesaid inturned ends, substantially as and for the purpose set forth.

In testimony whereof I have affixed my signature in presence of two witnesses.

JAMES V. REID.

Witnesses:

S. K. CLARKE,  
M. D. HULINGS.