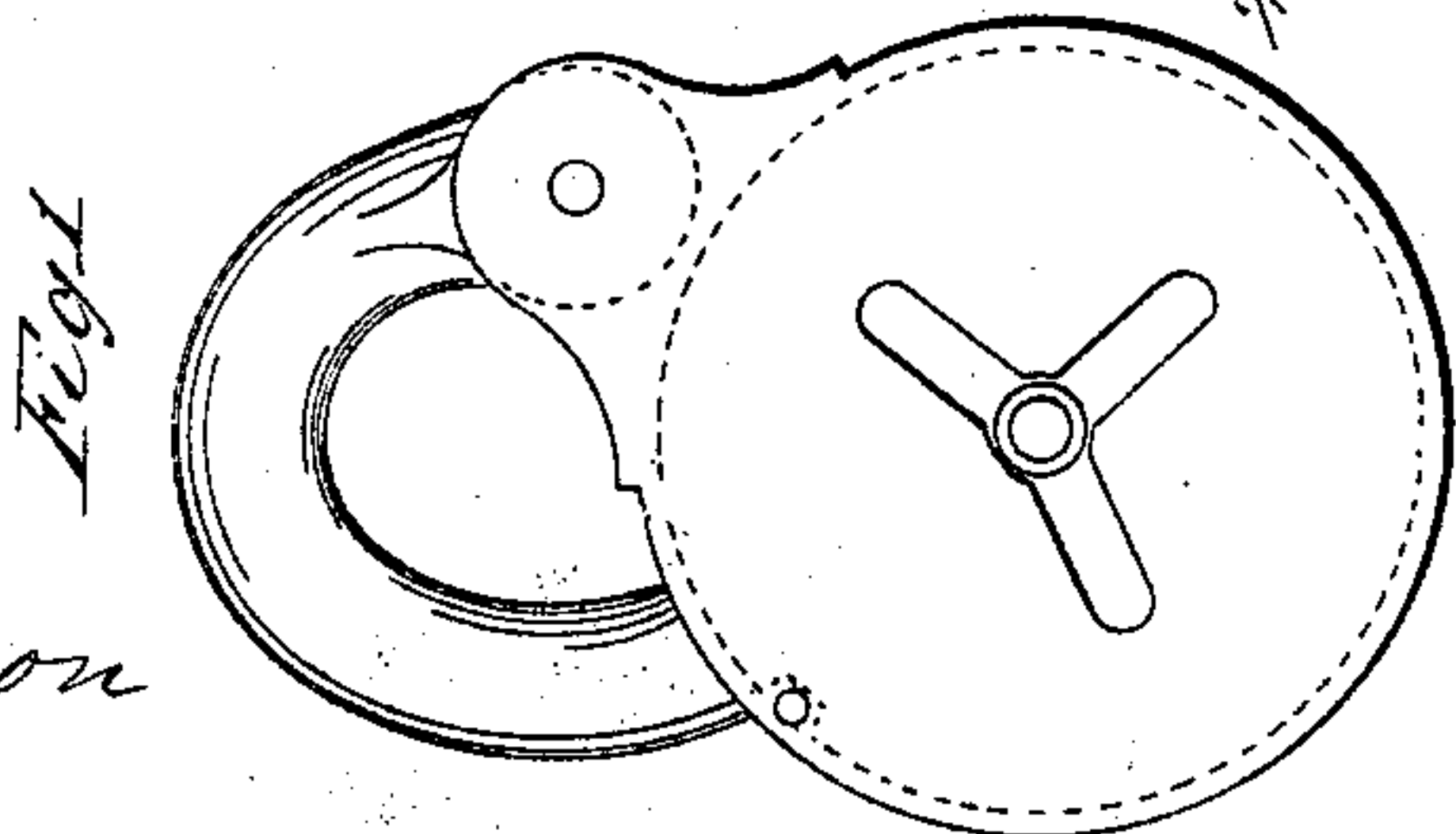
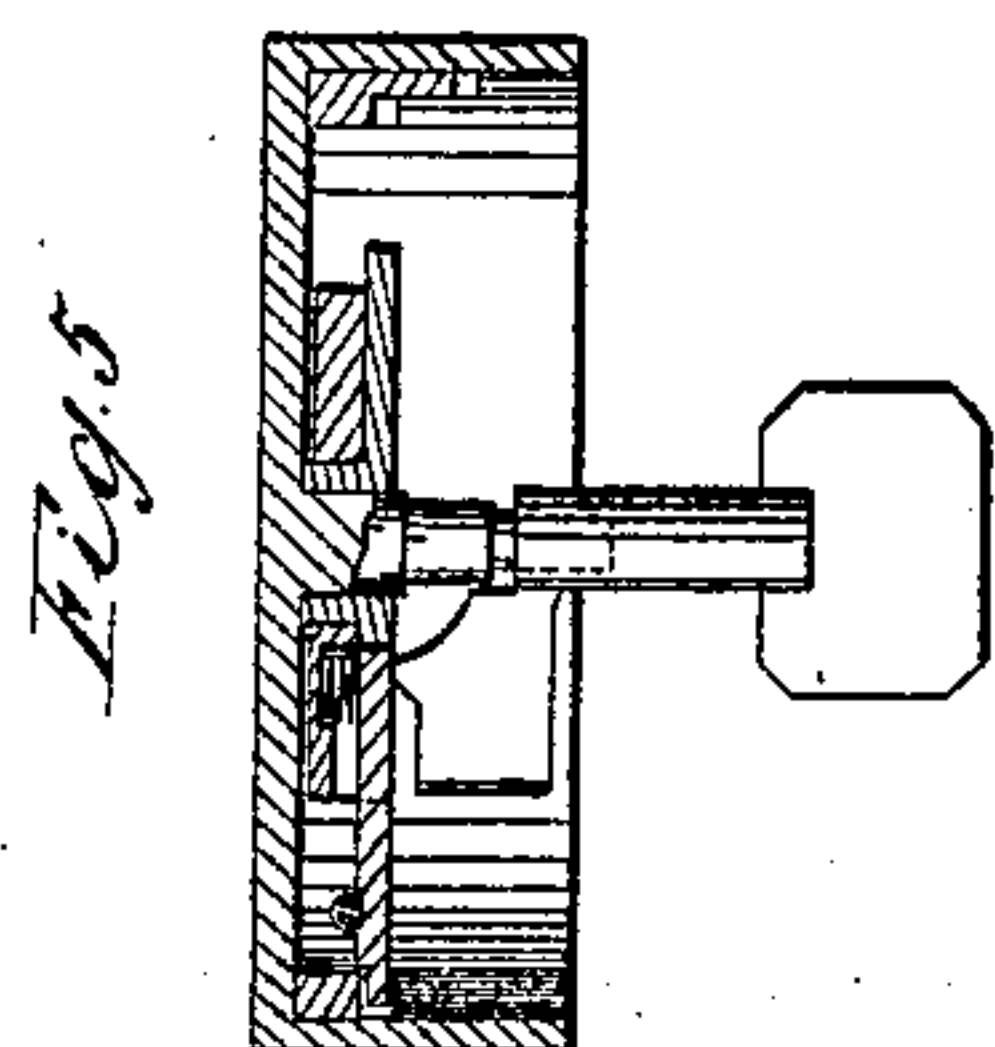
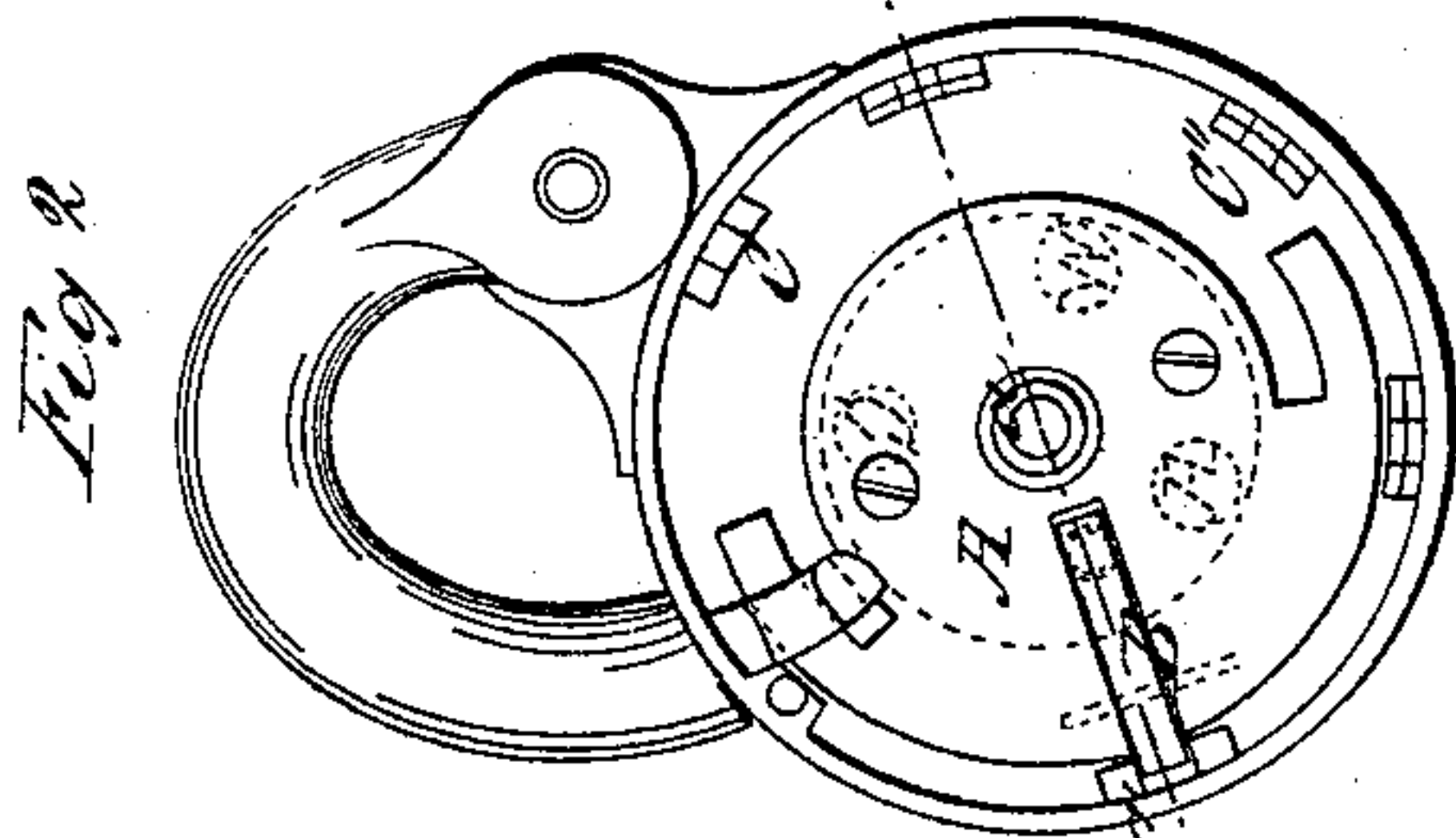
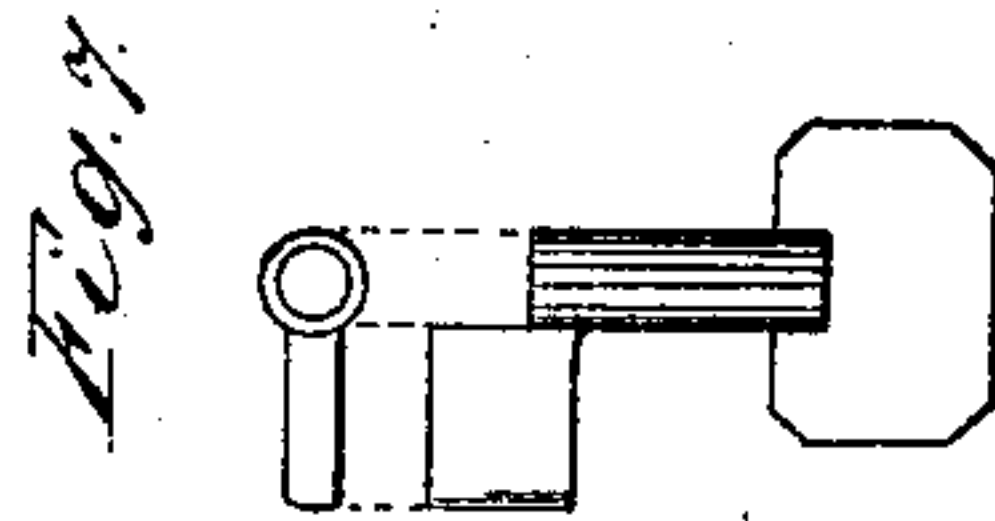
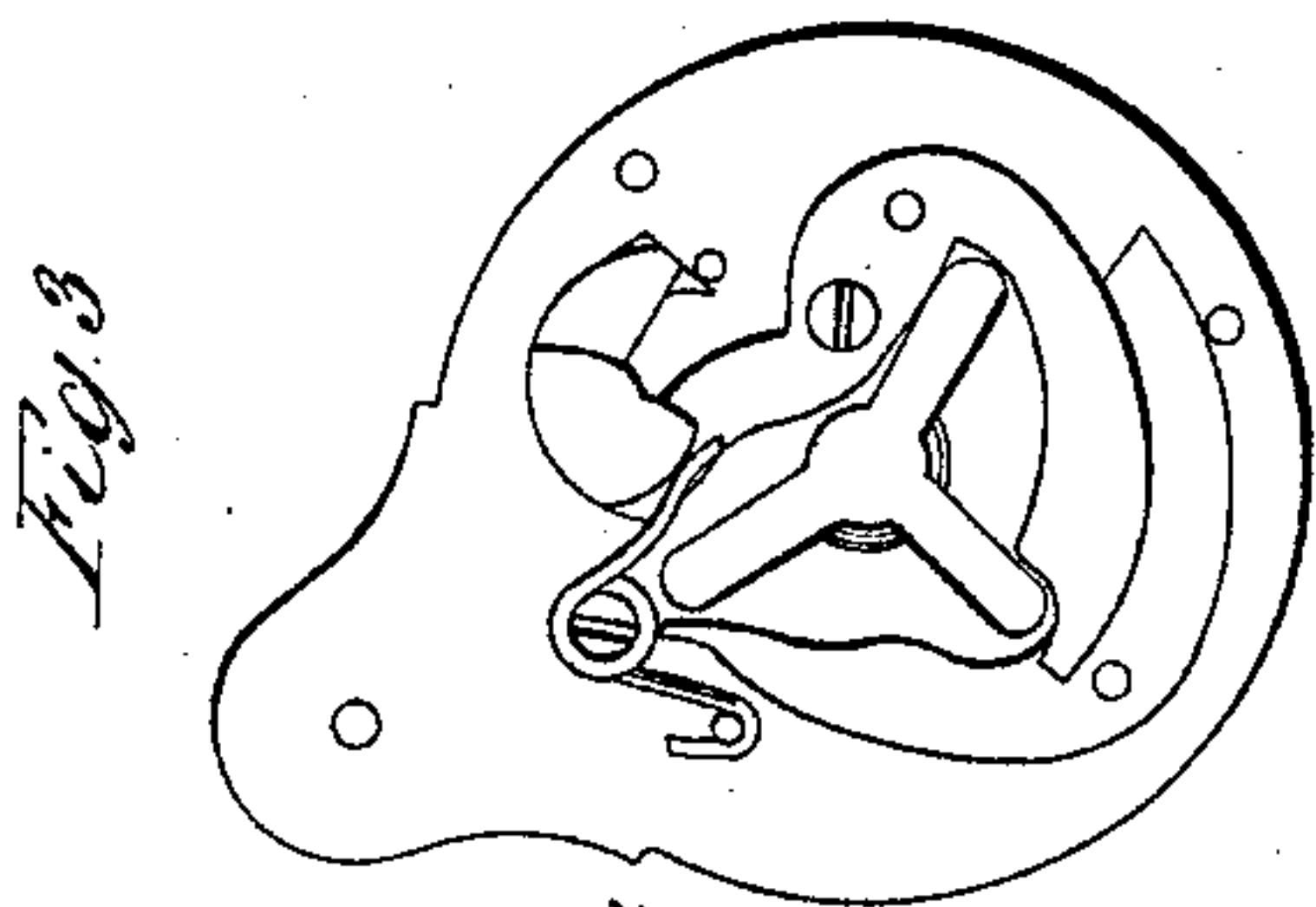
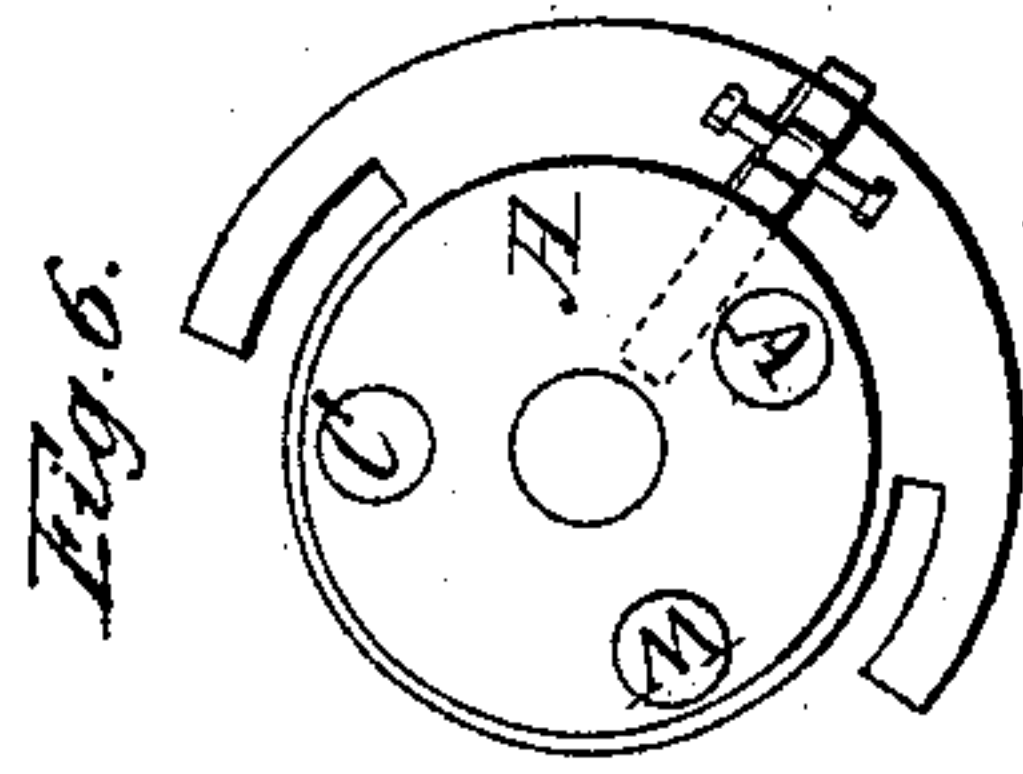
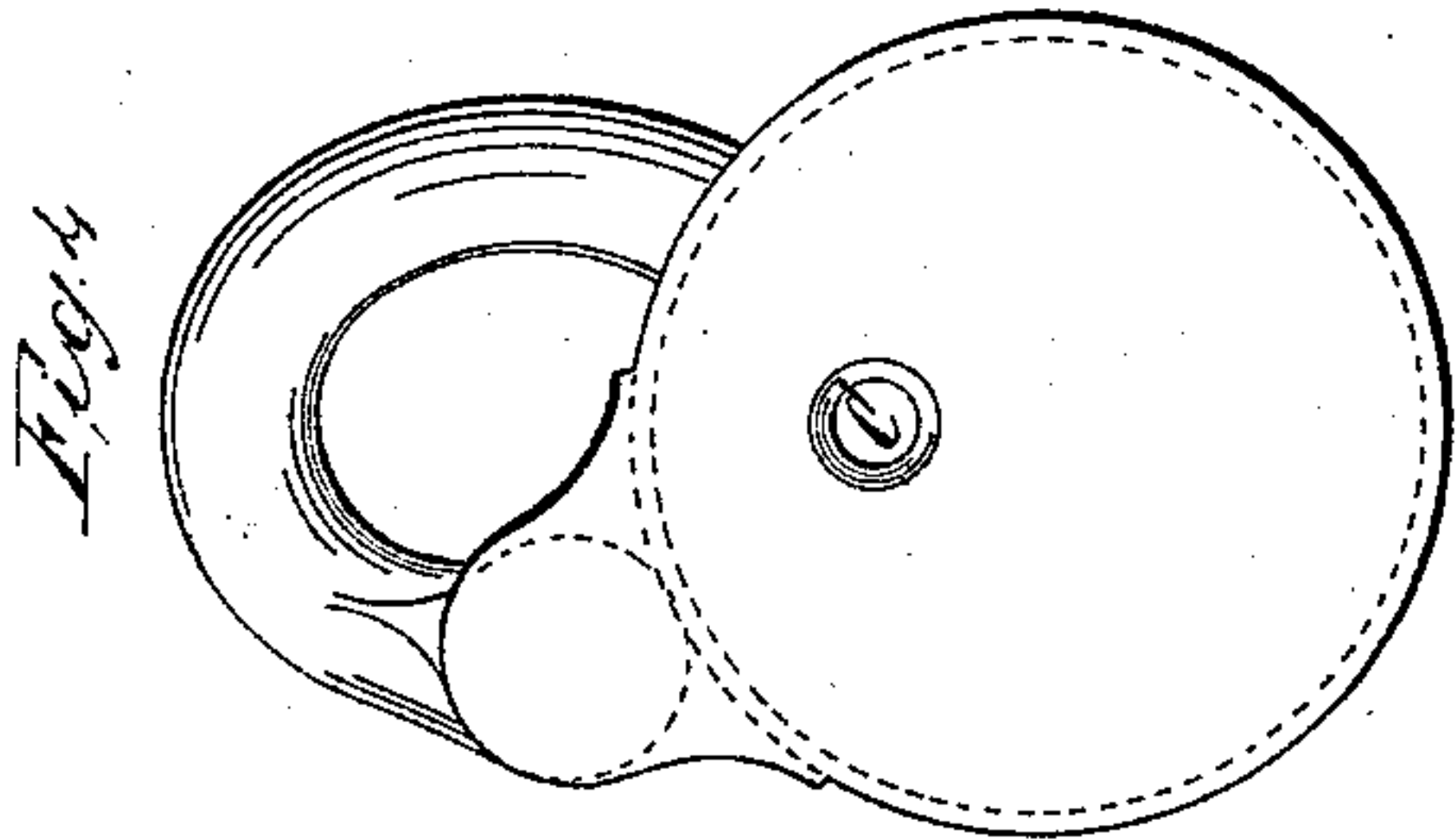


A. Leyden,
Indicator Lock.

N^o 62,862.

Patented Mar. 12, 1867.



Witnesses.
F. A. Jackson
Wm. Frewin

Inventor.
Austin Leyden
Per Munn & Co
Attorneys

United States Patent Office.

AUSTIN LEYDEN, OF ATLANTA, GEORGIA.

Letters Patent No. 62,862, dated March 12, 1867.

IMPROVEMENT IN COMBINATION PADLOCKS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, AUSTIN LEYDEN, of Atlanta, in the county of Fulton, and State of Georgia, have invented a new and improved Combination Lock; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

My invention consists in constructing a lock in such a manner that, in applying it to freight cars of railroads, and to similar purposes, the car may be locked for through freight, and the destination of the car be indicated by a letter shown on the lock, and so that a way-freight key for the same lock will not open it, as will be hereinafter described.

Figure 1 represents the key-hole side of the lock.

Figure 2 represents the lock with the cap or key-hole side off, showing the parts of the lock which are operated by the "through"-freight key.

Figure 3 shows the key-hole side turned over, and the parts of the lock which are operated by the "way"-freight key.

Figure 4 shows the back side of the lock as when applied to a car destined to "Chattanooga," for instance, the terminus of a railroad route.

Figure 5 is a cross-section of fig. 2 through the line xx , showing the through-freight key.

Figure 6 shows the disk-bolt; and

Figure 7 shows the way-freight key, a side and an end view.

Similar letters of reference indicate like parts.

This lock is really a double lock in one shell, each part having its own key, and it is so arranged that neither key will operate the lock in the other's place. One key operates it for through freight, and the other for way freight.

A represents the disk-bolt. This is turned upon its centre a by the through-freight key seen in fig. 5. The letters A. C. W., as seen in dotted lines in fig. 2, are upon its other side; and, when the disk is turned and locked by the key, one of the letters comes opposite the hole through the back of the lock, as seen in fig. 4. B is a latch attached to the disk. There is a small spiral spring under the inner end, as seen in fig. 5. C' C'' are catches attached to the shell of the lock. The disk A cannot be turned by the key until the end of the latch is lifted out of the catch. The through key has a little projection for bearing upon the spring end of the latch and pressing it down, and thereby elevating the other end and lifting it out of the catch, as seen in fig. 5. In this example of my invention, the lock is locked when the latch is at the two catches marked C' . When the latch is at C'' it is not locked by the through key; and the letter shown on the back is W., indicating way freight. When the lock is used in this way, it is locked by the other or way key. The parts which this key operates are attached to the under side of the cap or key-hole side of the lock, and seen in fig. 3. There is nothing novel or peculiar to this portion, it being similar to the ordinary padlock. The key which operates it will not operate the through-freight lock, as already stated; but the bolts of each lock take hold of the same shackle. The shackle does not have a hole at the end, as is usual with the shackles of padlocks; but there are notches or recesses on the sides of the shackle, in which the bolt rests when the lock is in use. The parts of the lock being so plainly shown in the drawing, any further description is deemed unnecessary.

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

1. The disk-bolt A, constructed substantially as described, with indicating letters upon one side, and the latch B attached to the other side, and operating substantially as herein shown and described.
2. I claim the catch C' C'' , attached to the shell of the lock, substantially as described, in combination with the disk-bolt A, for the purposes specified.

The above specification of my invention signed by me this day of November, 1866.

AUSTIN LEYDEN.

Witnesses:

ALEX. F. ROBERTS,

H. N. TAFT.