

(No Model.)

Z. T. FURBISH.

ROSETTE LOCK.

No. 348,899.

Patented Sept. 7, 1886.

Fig. 2.

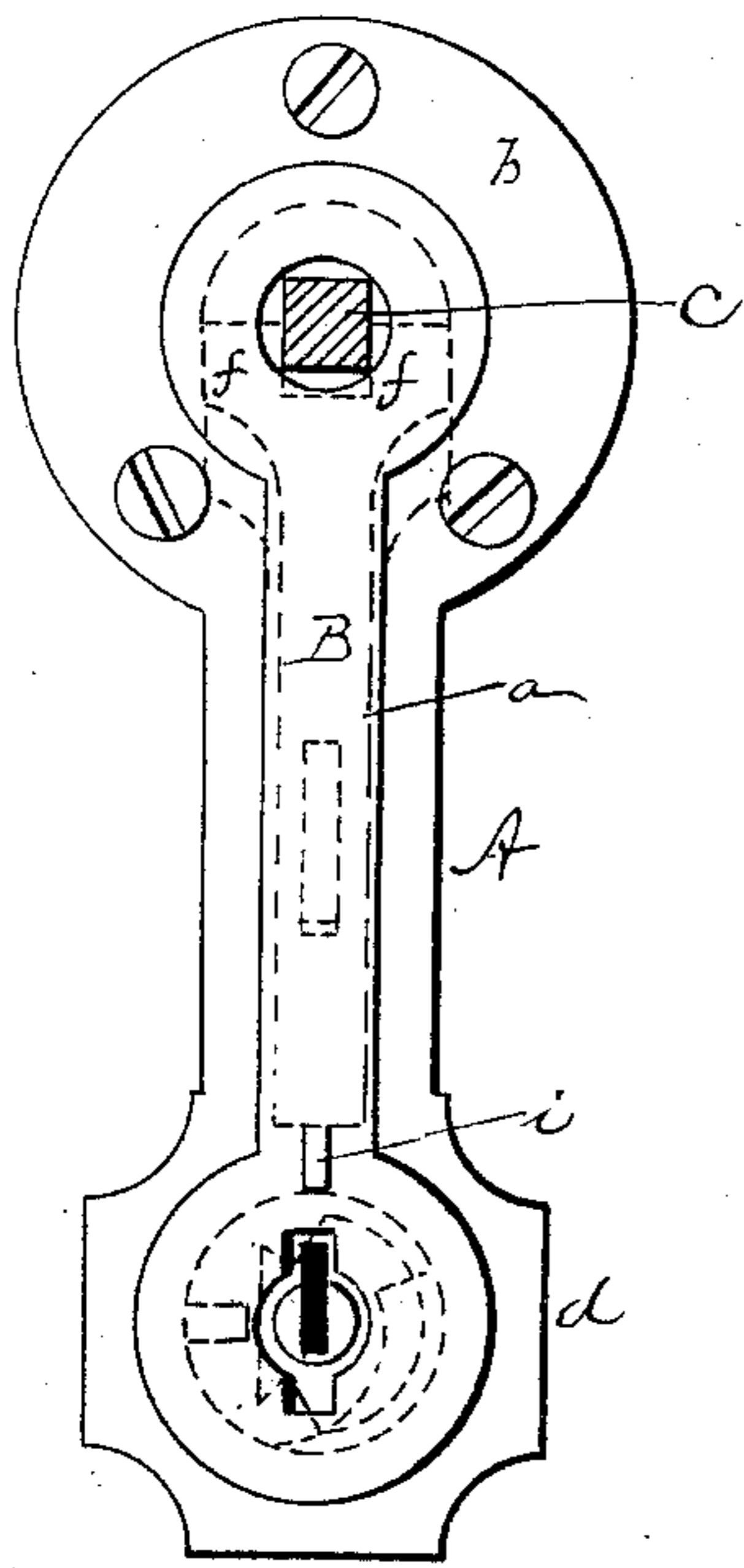


Fig. 3.

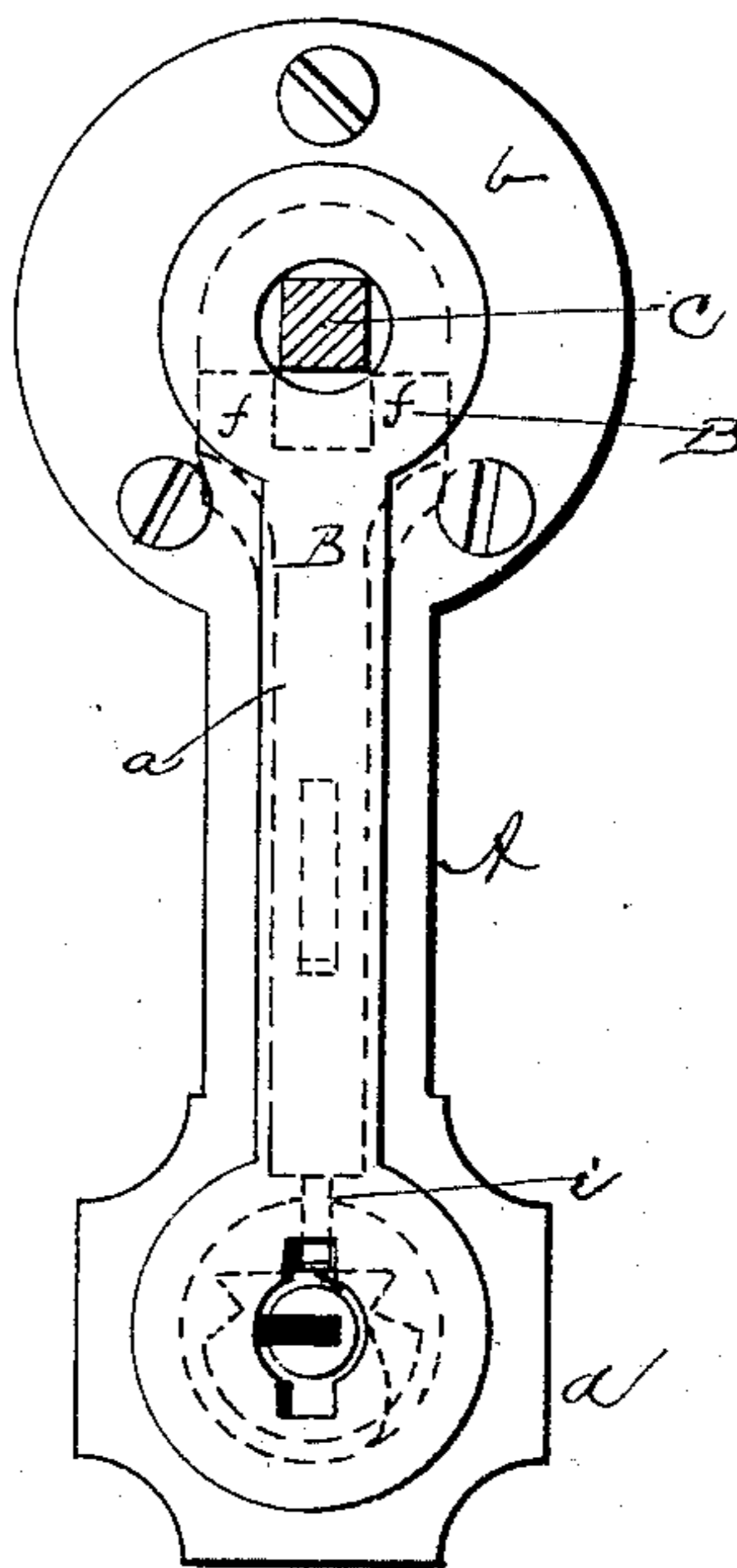


Fig. 1.

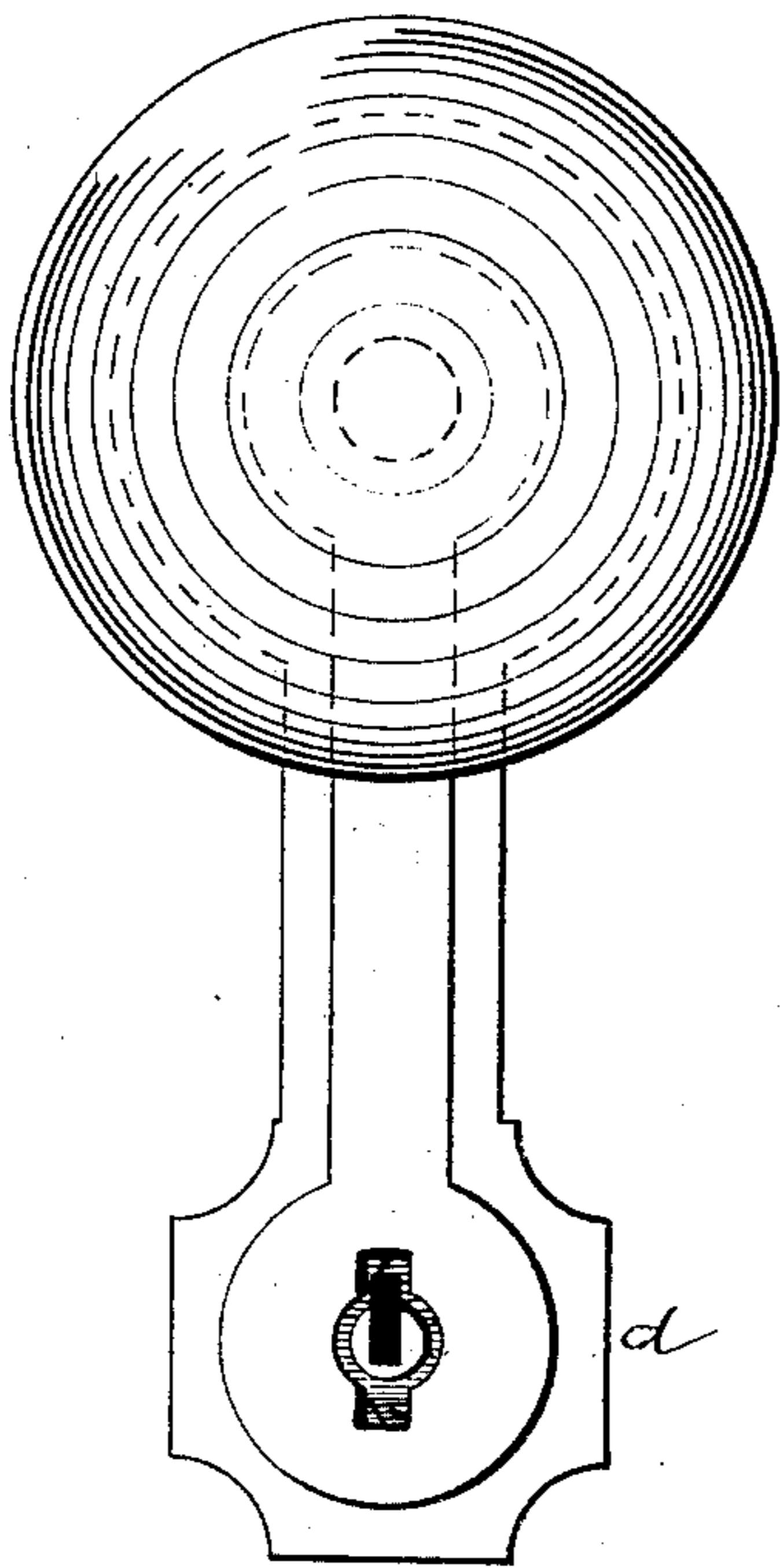


Fig. 4.

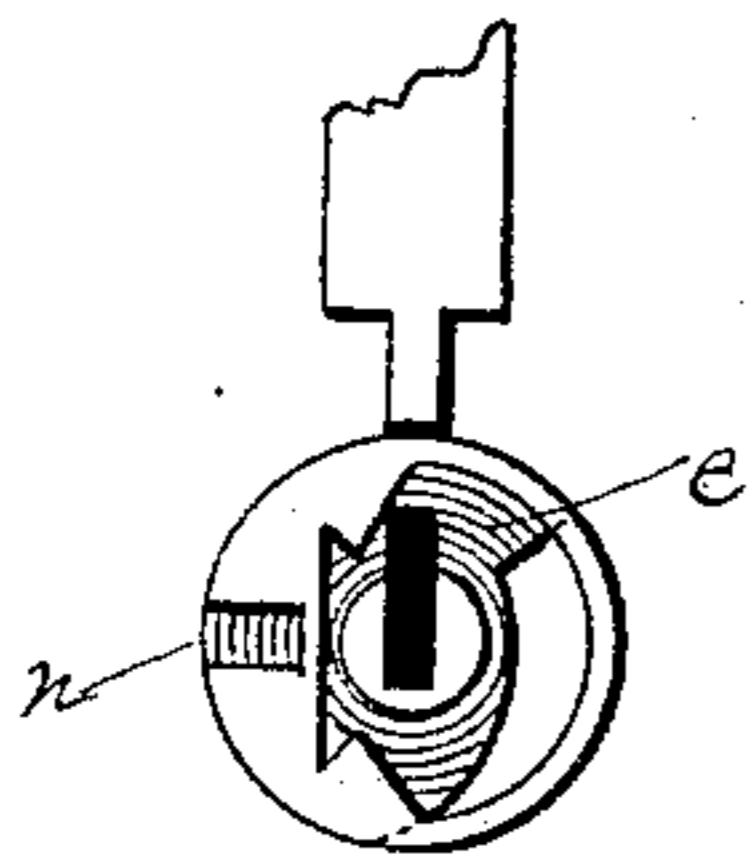
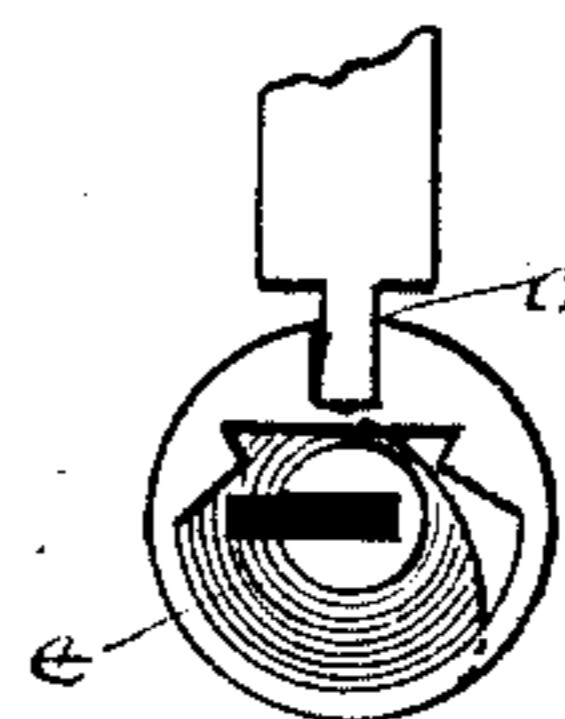


Fig. 5.



WITNESSES

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ROSETTE-LOCK.

SPECIFICATION forming part of Letters Patent No. 348,899, dated September 7, 1886.

Application filed March 3, 1886. Serial No. 193,865. (No model.)

To all whom it may concern:

Be it known that I, ZACHARY T. FURBISH, of Augusta, in the county of Kennebec and State of Maine, have invented a new and Improved Rosette-Lock; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a front elevation of the lock applied to a knob-latch of any desired construction. Fig. 2 is an elevation of the lock engaging the latch-spindle and holding it rigidly. Fig. 3 is an elevation showing the latch-spindle released. Figs. 4 and 5 illustrate details to be referred to.

The object of my invention is to provide a cheap and simple locking device to prevent the turning of the spindles of knob-latches and similar devices when it is found desirable to secure doors by means of the latch-bolt only; and to this end my invention consists in a casting or plate having a channel in which slides a bifurcated bolt, and provided at one end with an escutcheon surrounding the spindle of the knob-latch, and at the other end with a casing to receive a small tumbler or other description of lock to throw the bifurcated bolt so it will seize the latch-spindle or release it.

In order that those skilled in the art may make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the said drawings, A is a casting or plate recessed at *a* to receive a sliding bolt, B. The casting has at one end an escutcheon, *b*, through which the spindle C of the latch of a door passes, and at the other end a case or receptacle, *d*, to receive a permutation or other lock, *e*. The casting is secured to the door or similar device, so that the case or receptacle *d* rests beneath the spindle of the latch. The upper end of the bolt B is bifurcated, as shown, so that the protruding legs *f* may slide over and clasp the spindle C, and prevent it from turning, or may be withdrawn, so the spindle turns freely. On the lower end of the

bolt is a tongue or tang, *i*, which lies immediately over a slot or opening, *o*, in the case surrounding the tumbler of the lock.

By means of a key inserted in the usual way, as shown, into a thrower the tumblers are operated so as to bring the series of slots *n n* in their edges opposite to the opening *o* in the casing. When in this condition, the tongue *i* falls by gravity into said slots, and the bolt falls down to such an extent as to withdraw the bifurcated end *f f* from its clasp on the knob-spindle. Then the knob-latch can be turned and the door opened.

In securing the latch the initial movement of the key, through the medium of one of the tumblers striking the end of tongue *i*, throws the tongue and bolt upward to seize the knob-spindle, and the further movement of the key throws the other tumblers out of registration with the opening *o* in the case, and the tongue *i* rests on the peripheries of the tumblers and keeps the spindle locked until the tumblers are again changed in the act of unlocking with the key.

In throwing the locking device, a knob may be used to operate the mechanism that throws and holds the bolt, instead of a key, without departing from the spirit of my invention.

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

In a rosette-lock, the combination, with a casing having an escutcheon at one end to receive the latch or knob spindle, and provided at the opposite end with a slotted receptacle for a lock, said casing having a longitudinal groove or recess, of a bolt sliding in said recess and bifurcated at one end to embrace the said spindle, a tongue or tang formed on the opposite end of said bolt to enter the slot of the receptacle, and slotted tumblers arranged to register with the slot of the receptacle, and to receive the tang of the bolt, substantially as and for the purposes set forth.

ZACHARY T. FURBISH.

Witnesses:

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