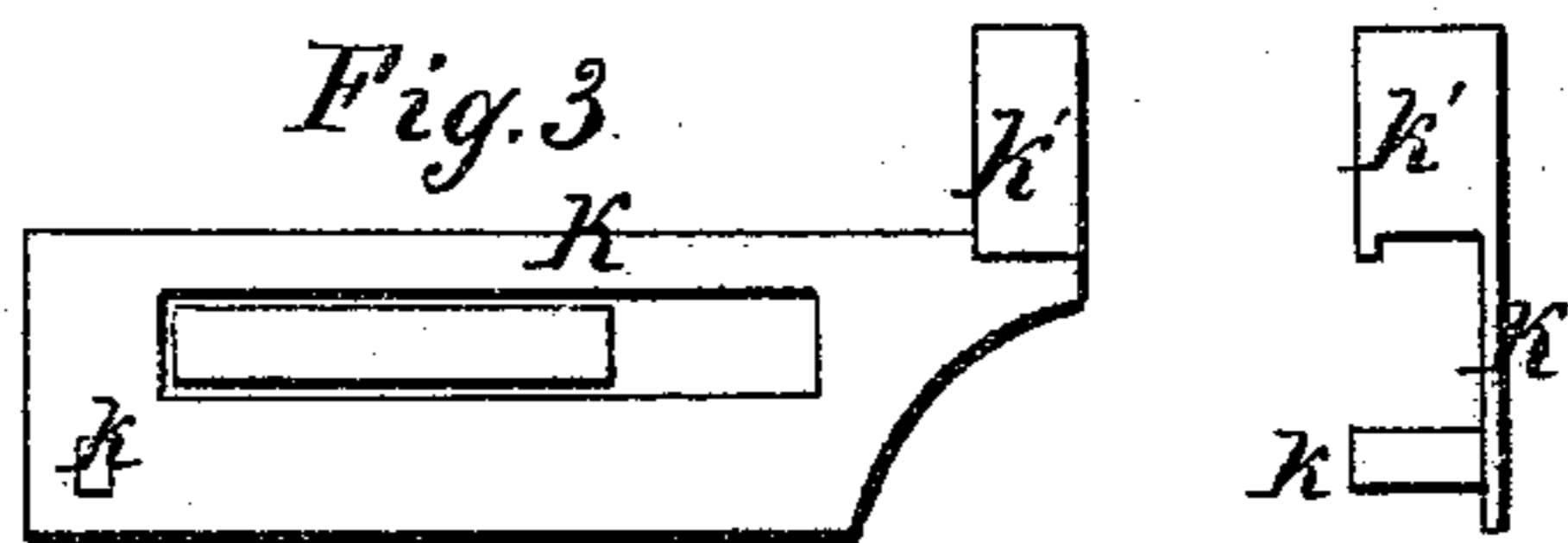
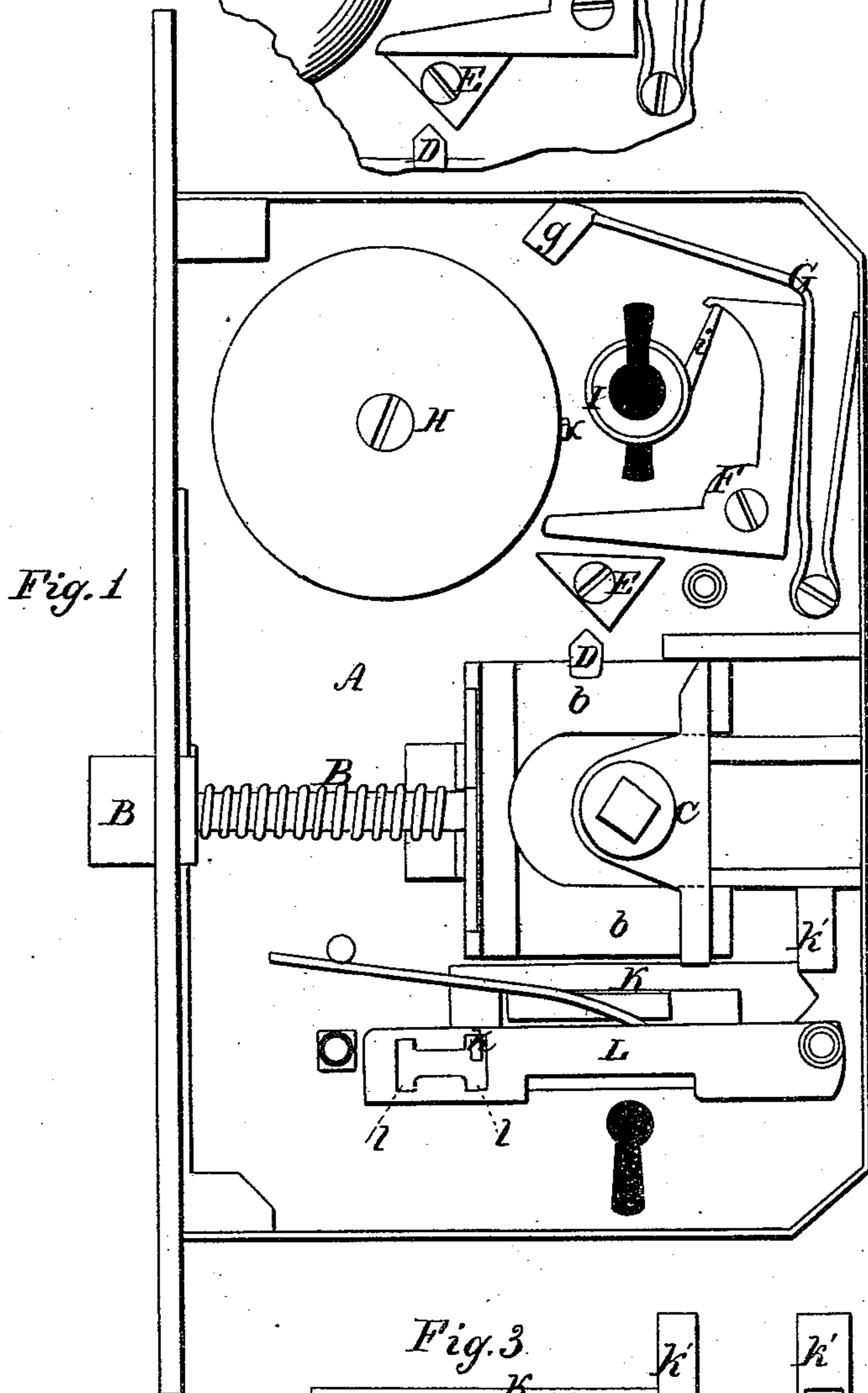
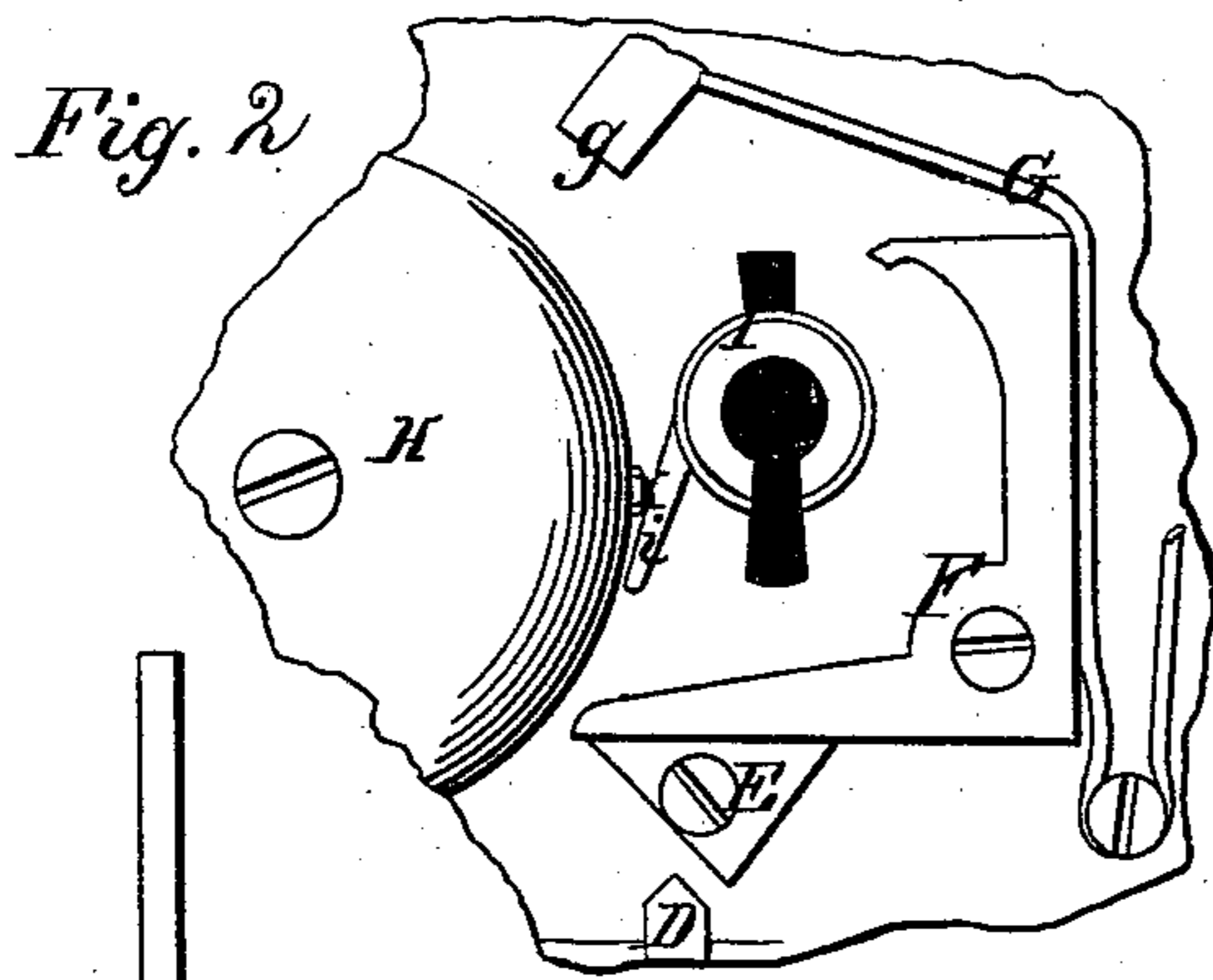


*N. Seubert.*  
*Alarm Lock.*

No 94, 134

*Patented Aug. 24, 1869.*



Witnesses,  
 Paul. J. Marr.  
 F. W. Howard

Inventor  
W. Seibert.  
by Prindle & Lyon.  
Attys

# United States Patent Office.

NICHOLAS SEUBERT, OF SYRACUSE, NEW YORK.

Letters Patent No. 94,137, dated August 24, 1869.

## IMPROVED ALARM-LOCK.

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, NICHOLAS SEUBERT, of Syracuse, in the county of Onondaga, and in the State of New York, have invented certain new and useful Improvements in Alarm-Locks; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 is a side elevation of my improved lock, with the side plate removed;

Figure 2 is a broken view of the same, showing the devices for locking and releasing the alarm; and

Figure 3 is a detached front and end view of the bolt for locking the latch.

Letters of like name and kind refer to like parts in each of the figures.

My invention consists, principally, in the devices employed for sounding an alarm when the latch is withdrawn from, or returned to engagement with the catch, and, further, in the devices for locking or arresting said alarm, so as to suspend its operation when desired.

In the annexed drawing—

A represents the case or box, of usual construction, in which is a latch, B, operated by means of a tumbler, C, working a tumbler-fork, *b b*, secured to and forming a part of said latch.

Projecting upward from the tumbler-fork *b* is a  $\Lambda$ -shaped stud, D, which, when the latch is moved in either direction, strikes against, and partially revolves a triangular cam, E, pivoted to the casing.

F represents an L-shaped arm, pivoted to the casing immediately above the cam E, so that the horizontal portion thereof shall rest upon the upper or horizontal face of said cam, unless removed from contact therewith in the manner hereinafter described.

The vertical portion of said arm, F, bears against a spring, G, the upper or free end of which is bent forward, as shown in the drawing, and has secured thereto a hammer, *g*.

A bell, H, is secured to the casing, immediately in front of, but not in contact with the hammer, so that when the latter is raised and suddenly released, its momentum will cause the spring to yield, and allow said hammer to strike against the bell.

From the foregoing description, it will be seen that at each motion of the bolt, the hammer will be alternately raised and released by means of the stud D, cam E, and arm F, so as to produce a sound or alarm.

In order that the action of the alarm may be arrested, when desired, a barrel, I, corresponding in interior size and shape to the shank of a key, and provided with a slot in the wall, for the reception of the wards thereof, is suitably pivoted within the side plates of the casing A.

An arm, *i*, secured to, and projecting outward from the barrel, is caused to bear against the inside edge of the vertical portion of the arm F, when said barrel is turned to the left, and by means of the peculiar shape of said arm, shown in the drawing, press it backward, and raise the horizontal portion thereof from contact with the triangular cam.

When held in this position, seen in fig. 1, the movements of the latch and cam have no influence upon the arm F, and consequently the alarm is not sounded.

To release the arm F, and place the alarm "in gear," the barrel I is turned to the right one half of a revolution, so as to bring the arm *i* against a stud, *x*, secured to the casing.

A double key-hole is provided in each side of the casing, which permits the key to be inserted or withdrawn, with the wards extending either upward or downward.

In order that the latch B may be locked, so as to prevent its withdrawal from engagement with the catch in the door-jamb, a bolt, K, is placed immediately beneath the tumbler-fork *b*, and so secured to the casing as to have a horizontal motion.

From the front end of said bolt, projects outward a stud, *k*, which engages with suitable notches, *ll*, within the front ends of the tumblers L L, of ordinary construction, pivoted at their rear ends, and operated by a key, so as to secure said bolt in place when thrown forward or back.

An arm, *k*, extends upward from the rear end of the bolt K, and, when said bolt is thrown forward, presses against the rear end of the tumbler-fork *b*, and firmly holds it in place, preventing the withdrawal of the latch, by which means the latch is made to perform the double office of latch and bolt.

My improved lock possesses the advantages of compactness, efficiency, durability, and cheapness, which, it is believed, will render its general adoption certain.

Having thus fully set forth the nature and merits of my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. The hollow slotted barrel I, provided with the arm *i*, in combination with the angular arm F, substantially as and for the purpose specified.

2. Also, in combination with the above-described devices, the triangular cam E and stud D, the latter secured to, and operated with the latch B, substantially as and for the purpose specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 19th day of July, 1869.

NICHOLAS SEUBERT.

Witnesses:

JOSEPH H. SMITH,  
SIEGMOND LEVY.