

W. MOORE,

Lock.

N^o 22,146.

Patented Nov. 23, 1858.

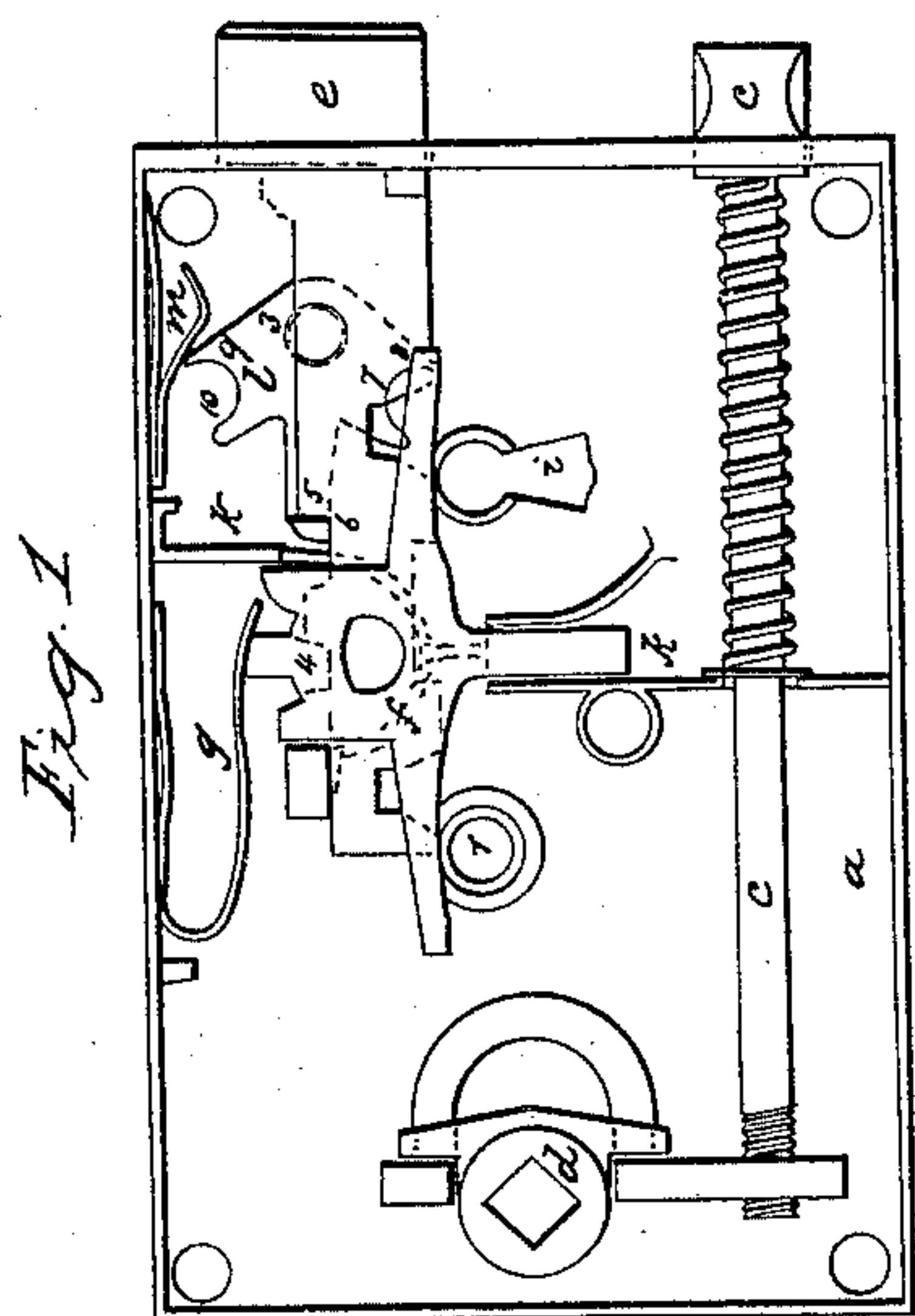
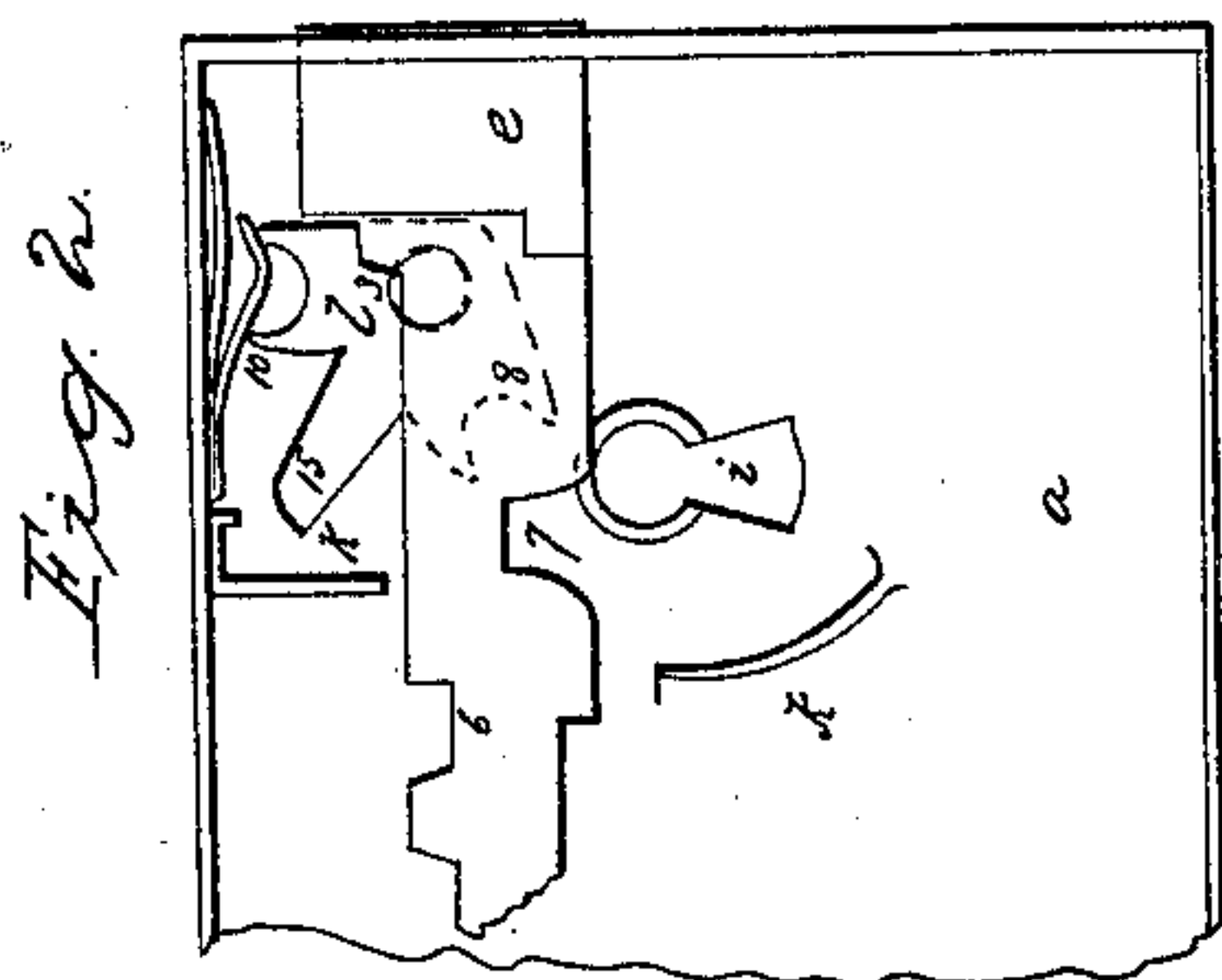
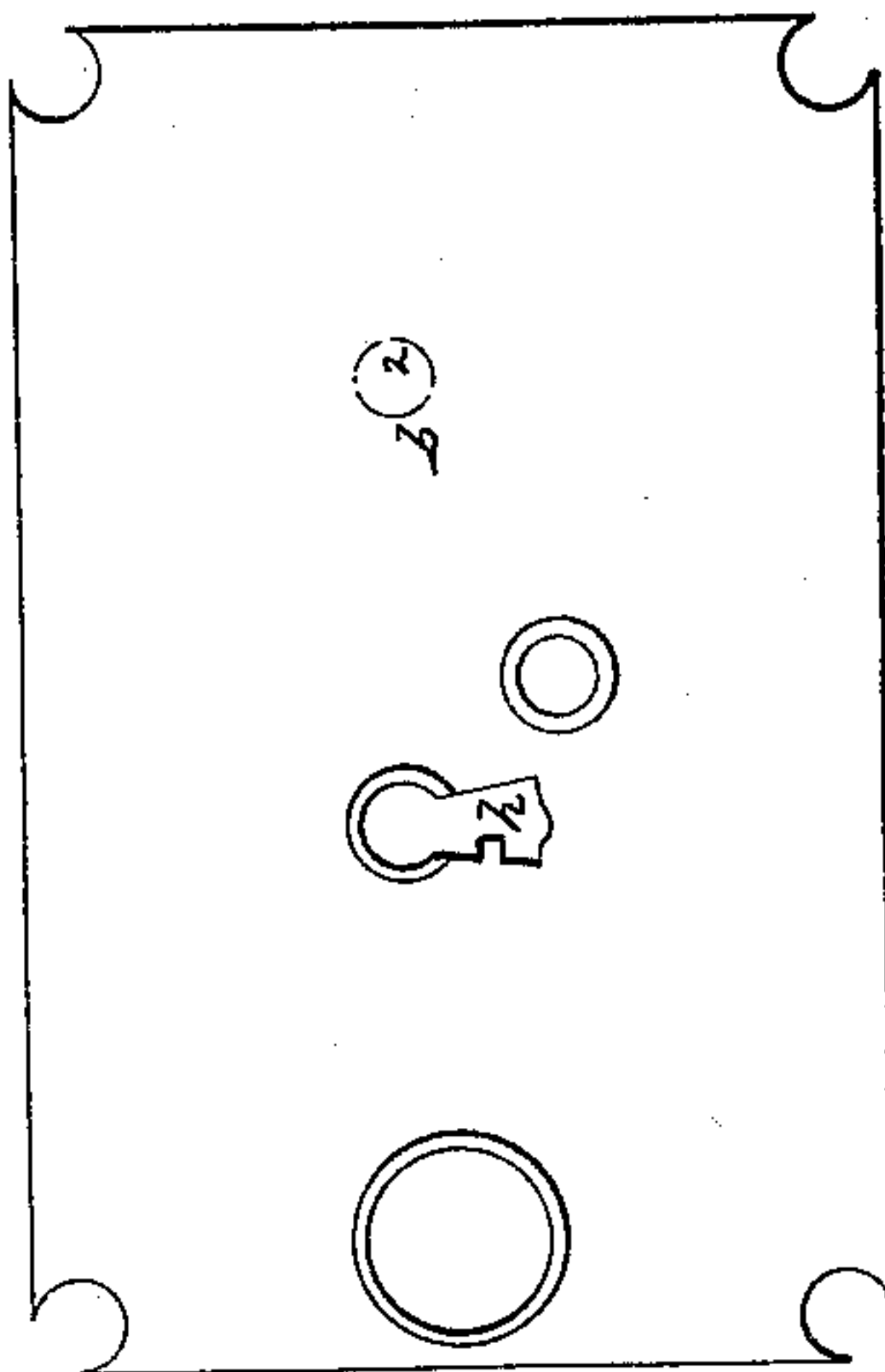


Fig. 3.



Witnesses:

Lemuel W. Sull

Thomas G. Harpell

Inventor:

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UNITED STATES PATENT OFFICE.

WM. MOORE, OF BROOKLYN, NEW YORK, ASSIGNOR TO GEO. L. CAMERON, OF CHESTER COURT-HOUSE, SOUTH CAROLINA.

LOCK.

Specification of Letters Patent No. 22,146, dated November 23, 1858.

To all whom it may concern:

Be it known that I, WILLIAM MOORE, of Brooklyn, in the county of Kings and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Locks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1, is a view of my lock with the inner plate removed, and Fig. 2, is the check tumbler and part of the lock detached.

Similar marks of reference denote the same parts.

The present invention is an improvement on Letters Patent granted to me September 14th, 1852, to which patent reference is hereby made.

My said improvement relates to a peculiar check tumbler that acts when the door is locked from the inside, and is turned out of the way while the lock is operated from the outside of the door, thereby my said check tumbler takes the place of the revolving check tumbler and the tumbler of my aforesaid patent.

In the drawing *a*, is the box of the lock, onto which the cap plate *b* (Fig. 3) is fitted as usual.

c, is the spring latch operated by the cams on the socket *d*, through which the spindle of the handle passes.

e, is the bolt.

f is the main tumbler kept down by the spring *g* and provided with the dog 4, taking the notches of the bolt. This tumbler *f*, extends over both key holes *h*, and *i*, and these key holes are in the box of the lock and in the cap plate respectively and do not pass through the lock, the end of the key in each instance turning in sockets (1, and 2) opposite the key holes.

k, is a division separating the lock into two compartments so that a pick cannot be introduced from the outer key hole *h*, to reach the check tumbler on the other side

of said division *k*. The parts thus far are the same substantially as in my aforesaid patent.

l, is the check tumbler to which my invention relates. This is set on a pin or stud 3, and is provided with an arm and dog 5, that takes the notch 6 in the bolt when the key has been inserted through the inner key hole *i*, and the bolt projected thereby: In this case as the key revolves and the bits raise the tumbler *f*, and project the bolt by taking the talon 7, the key also takes the talon 8, of the check tumbler *l*, and turns it so as to throw down the stud or dog 5, into the position shown in Fig. 1, and retain the bolt in its projected position so that it cannot be withdrawn or retracted by any instrument inserted from the outside through the key hole *h*. The spring *m*, acts as the spur 9, to keep this dog down in place but the end of said spring being formed with a double incline as shown, when the key is turned on the inside to unlock the door the dog 5, is raised and the spur 8, thrown on the opposite incline of the spring *m*, which coming down into the recess between the spurs 9 and 10 retains the check tumbler in the position shown in Fig. 3, where it does not obstruct the locking or unlocking, freely, by the key when entered through the hole *h*, from the outside of the door.

I do not claim in itself a check tumbler moving on a center pin, but

What I claim as my invention and desire to secure by Letters Patent as an improvement on my said patent of September 14th, 1852, is—

The check tumbler *l*, and spring *m*, in combination with the tumbler *f* that is acted on from both key holes (*h* and *i*), substantially as and for the purposes specified.

In witness whereof I have hereunto set my signature this twenty-third day of September 1858.

WILLIAM MOORE.

Witnesses:

LEMUEL W. SERRELL,
THOMAS G. HAROLD.