

# A. Inglis, Lock.

No. 97,196.

Patented Nov. 23, 1869.

Fig. 1.

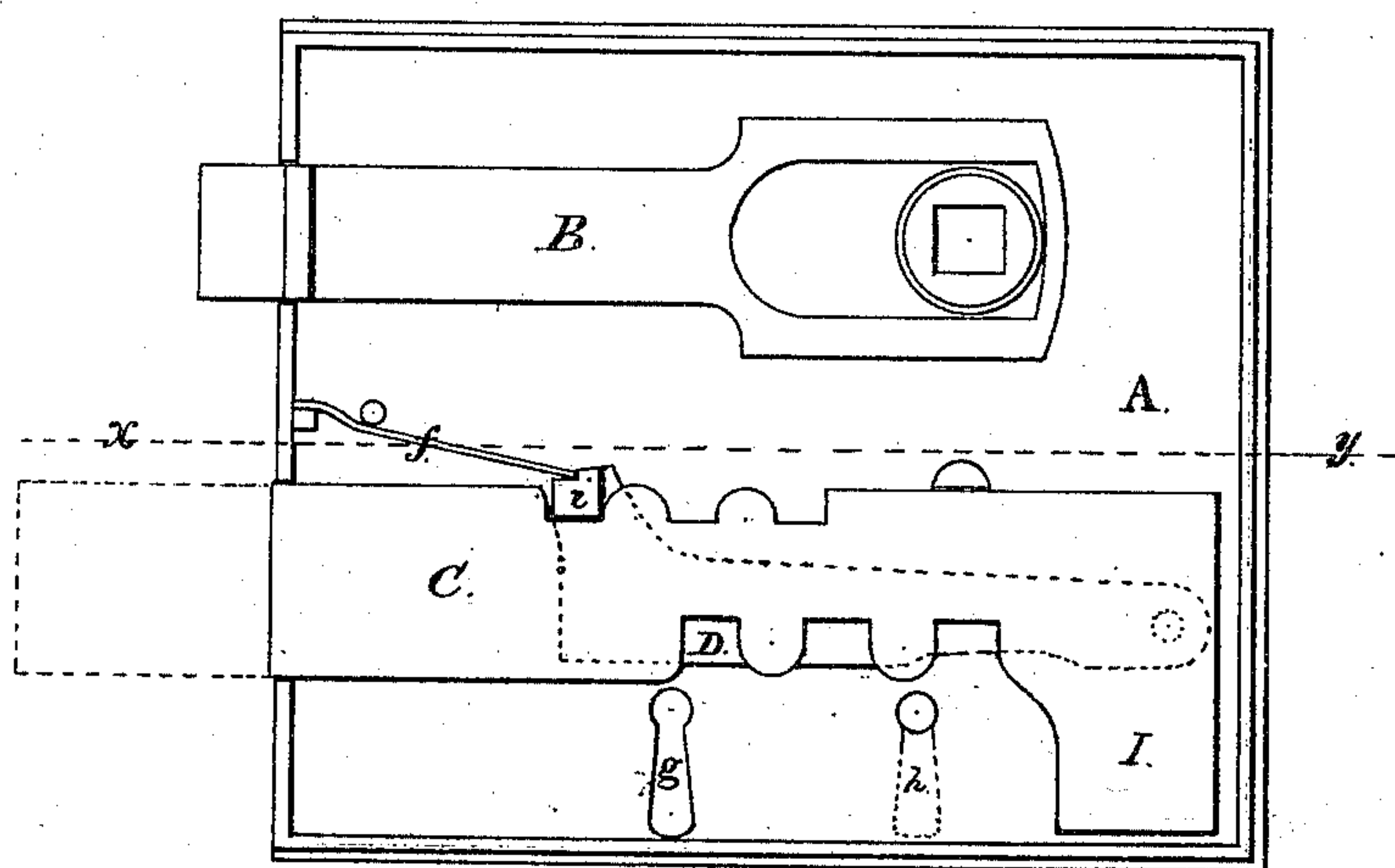
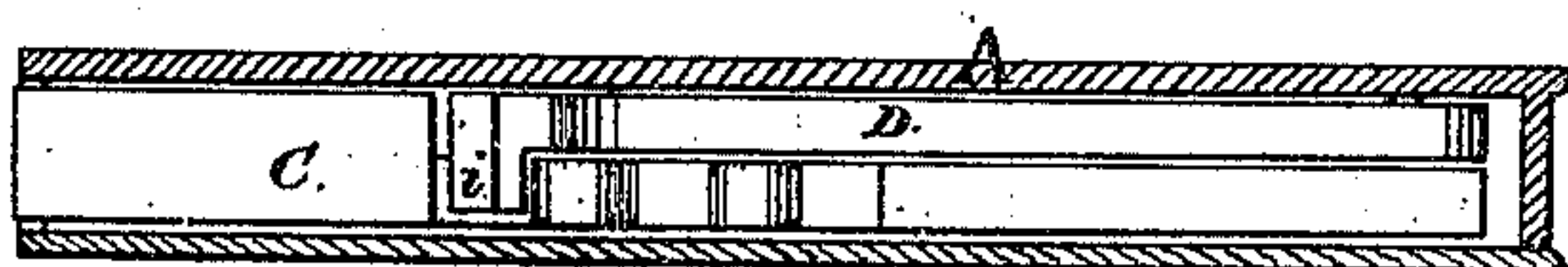


Fig. 2.



Witnesses.

J. H. Weeks

O. F. Mayhew.

Alexander Inglis Inventor

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# United States Patent Office.

ALEXANDER INGLIS, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO HIMSELF,  
CHARLES W. TYER, AND JOHN INGLIS, OF SAME PLACE.

*Letters Patent No. 97,196, dated November 23, 1869.*

## IMPROVED 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, ALEXANDER INGLIS, of Indianapolis, in the county of Marion, and State of Indiana, have invented new and useful Improvements in Locks; and I do hereby declare that the following is a full, clear, and exact description thereof, that will enable skilled artisans to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making part of this specification.

My invention consists in the construction of the bolt of the lock, and two key-holes in the lock-plate, with relation to the parts, in such a manner that the bolt may be thrown sufficiently far out by one turn of the inside key, as to lock the door, and leave the outside key-hole open, and by giving said inside key two turns, to close the outside key-hole, and prevent the insertion of key therein.

Figure 1 is a view of the interior of the lock, obtained by removing one of the side-plates.

Figure 2 is a horizontal section on line *x y*, fig. 1.

Similar letters of reference indicate corresponding parts in the several figures.

A is the case, and B the latch, constructed, arranged, and operated in the usual manner.

C is the bolt, made with three notches on its upper edge, with which the catch *i*, of the tumbler D, engages, to hold the bolt, the tumbler being constructed and arranged to operate in the usual manner.

The under side of the bolt is also provided with three notches, arranged with reference to the two key-holes, *g* and *h*, the latter being for the outside, and in

the plate that is left off in the drawing, its position is indicated in dotted lines.

A downward-projecting guard, I, is attached to or forms a part of the bolt, and is arranged so that when the bolt is thrust forward, by twice turning the key, or double-locking it, the guard I is brought opposite the outside key-hole *h*, thereby preventing the key from being inserted from the outside.

When the bolt C is thrust out by the key, operated from the inside of the lock but once, it may be operated from the outside, whether the key is in the lock or not; but when it is desired to prevent the lock from being operated from the outside, the bolt is thrust forward twice, as stated above.

The form and construction of the several parts of the lock are such that few pieces are required, and they are such as to be easily cast; hence, the lock can be made in the cheapest and simplest form.

Having thus fully described my invention,

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

The combination, with the separate key-holes *g* and *h*, of the bolt C, with three notches on its upper and lower edges, guard I, tumbler D, and spring *f*, whereby the bolt may be thrown out by one turn of the inside key, the door locked, and the outside key-hole left open, and by two turns of said inside key, the outside key-hole may be closed, all substantially as specified.

Witnesses:

ALEXANDER INGLIS.

WM. H. WEEKS,

O. F. MAYHEW.