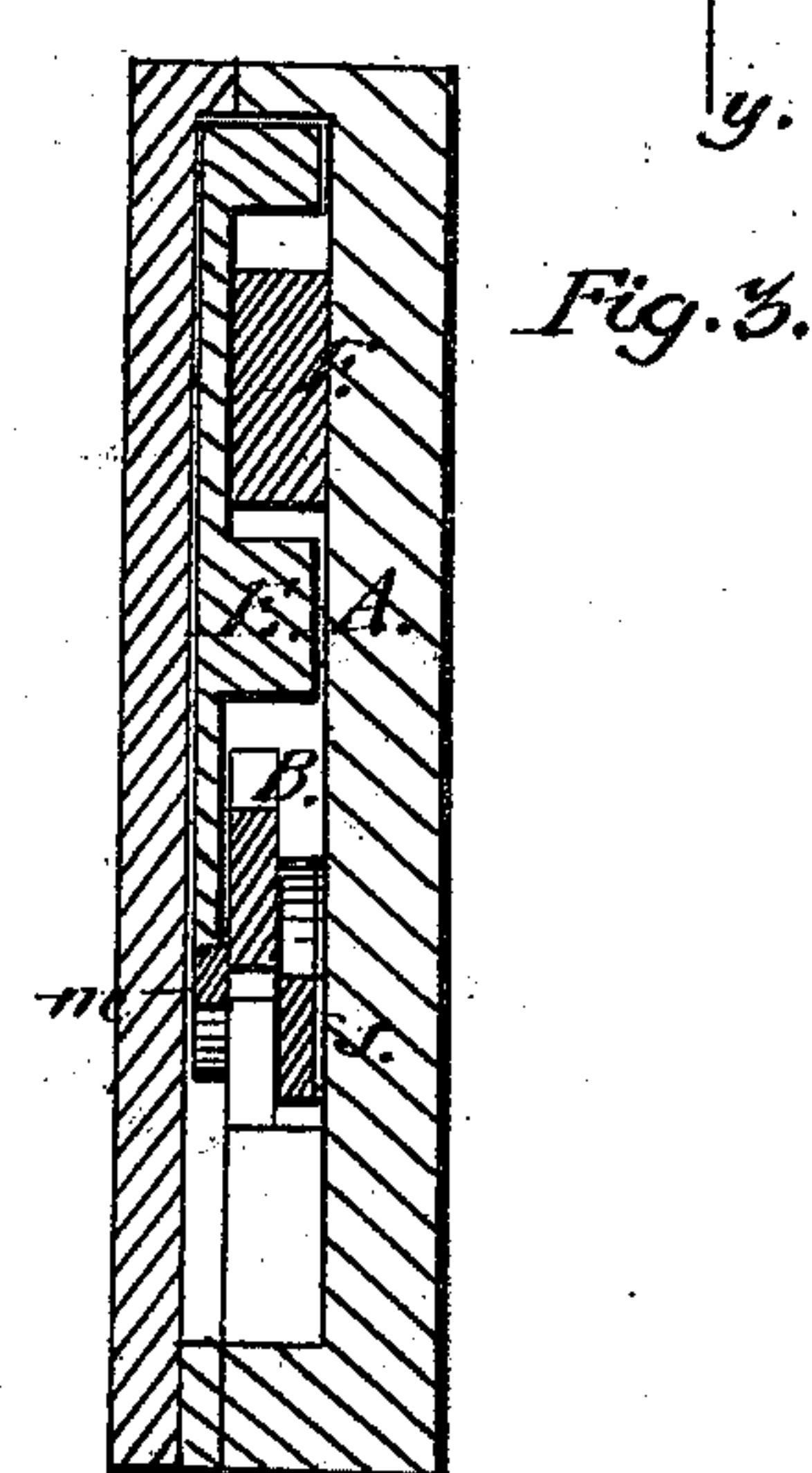
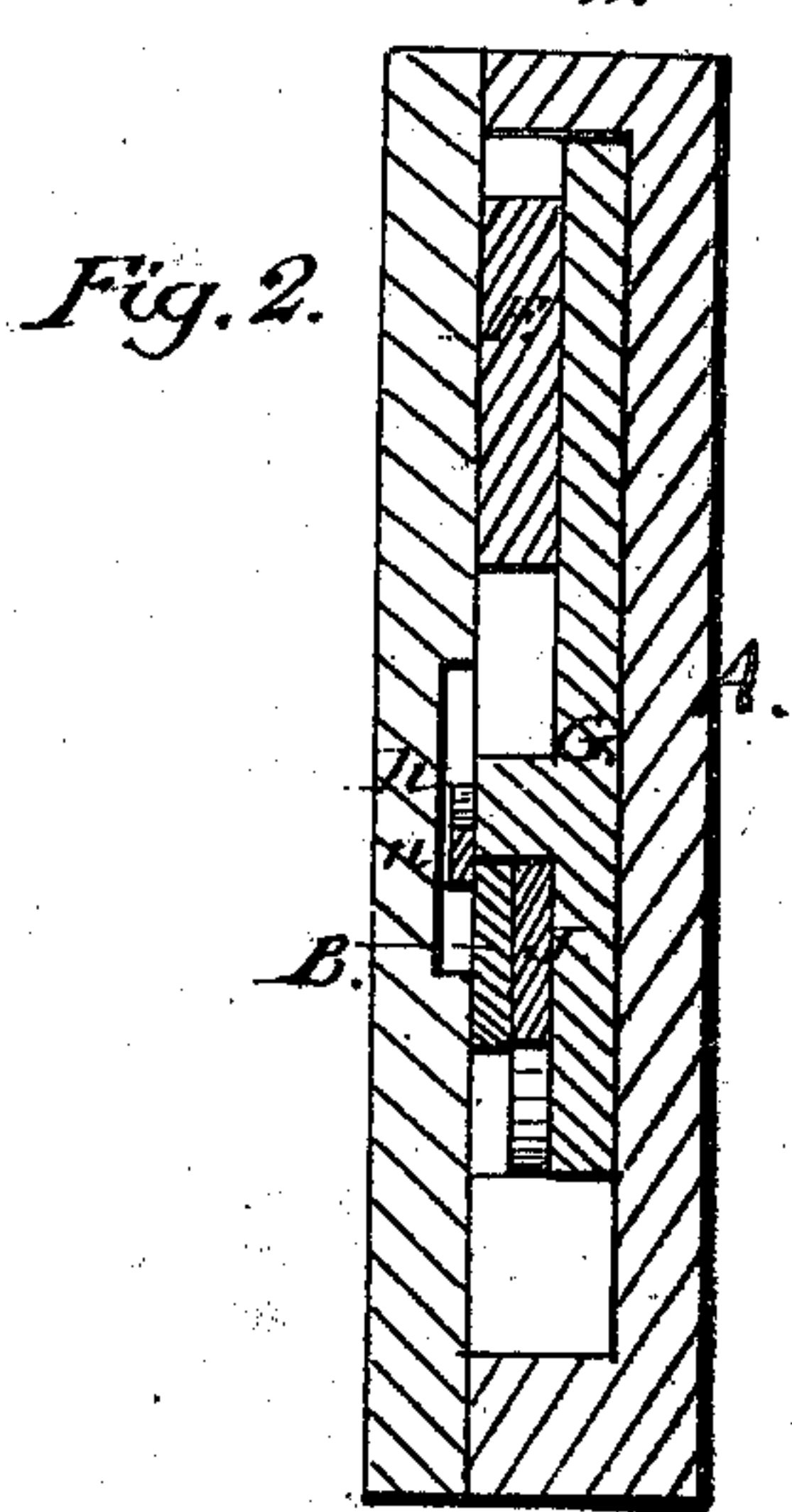
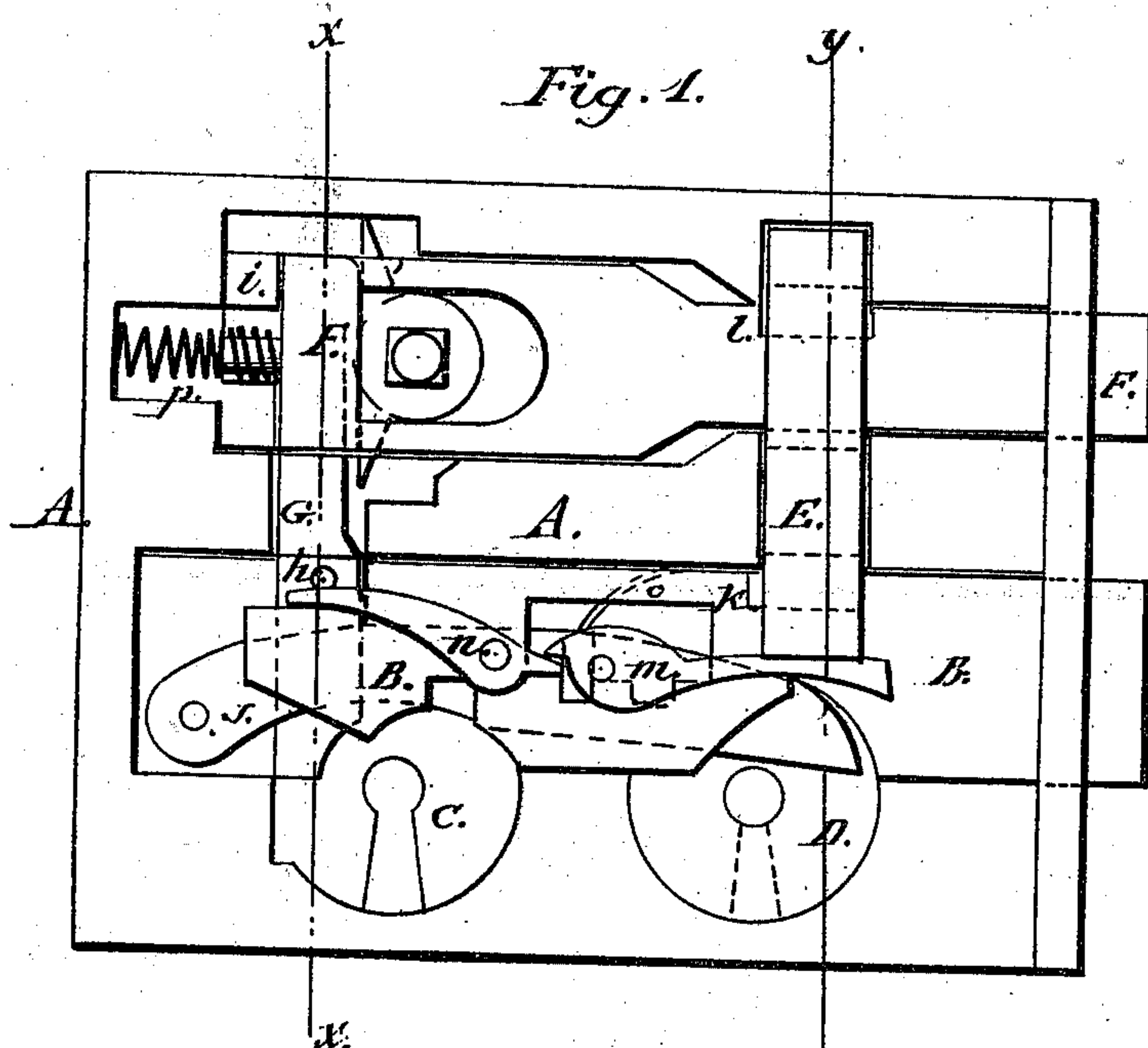


J. W. Jones,

Lock.

No. 89,931.

Patented May 11, 1869.



Witnesses:
A. Benningdorf
Wm. A. Morgan

Inventor:
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by
Wm. A. Morgan
attorney's

United States Patent Office.

J. WAYTT JONES, OF PADUCAH, KENTUCKY.

Letters Patent No. 89,931, dated May 11, 1869.

IMPROVEMENT IN DOOR-LOCKS.

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, J. WAYTT JONES, of Paducah, in the county of McCracken, and State of Kentucky, have invented a new and useful Improvement in Locks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to a new and useful improvement in locks for dwelling-houses, and all other buildings and situations where door-locks are used; and

The invention consists in the construction and arrangement of parts, whereby the lock is made burglar-proof, and whereby the lock-key is made to operate on both the lock-bolt and the knob-latch on one side of the lock, and only on the lock-bolt on the other, as will be hereinafter described.

Figure 1 of the drawing is a top or plan view of the lock, with the cap off, showing the position of the different parts of the lock.

Figures 2 and 3 are sections, respectively, through the lines *x x* and *y y*, fig. 1.

A represents the shell, or portion of the casing which is the principal support to the parts of the lock.

B is the lock-bolt, which slides in a proper recess in A, which is operated by the lock-key.

The lock has an outside and an inside key-hole.

C is the outside, and

D is the inside key-hole.

E is a vertical slide, which is operated only in locking the door on the inside.

F is the latch-bolt.

G is another vertical slide, which locks both bolts, and which cannot be unlocked, except in the manner hereafter described, and it is effected in the following manner:

G rests on the bolt B, and the projection *h* falls into a notch, or recess in that bolt, and the projection *i* drops behind the latch-bolt, as seen in the drawing.

When thus situated, the bolts cannot be turned back, except in a particular manner.

To unlock the door, the latch-bolt must first be

released. This is done by turning the key (in the outside key hole) back as far as the lock-bolt admits.

The key elevates the slide, which disengages the latch. Now hold the key and turn the knob and latch back with the other hand.

The slide G then rests on the latch-bolt. Now turn the key forward and unlock. On the inside the arrangement is different.

By means of the levers J and *m* and *n*, the key on the inside has complete control of every movement, and can lock and unlock with a single turn of the key.

The slide E constitutes the main feature of my invention, as it is what I call a "burglar-attachment," and which can only be operated by the key on the inside.

This slide rests upon the lock-bolt when the door is locked or unlocked from the outside, but when the bolt is thrown by the key from inside, it throws further than from the outside, and the slide E drops into the notch *k*, in the bolt, and *l*, in the latch, thus securely fastening both.

It will be seen that the levers *m* and *n*, which work on pivots in the cap of the lock, are operated by the inside movement for effecting this result.

When the door is unlocked, the latch is left free to be operated by the knob.

This lock is particularly adapted to all purposes where security from burglars is an object. It is not liable to get out of order.

A single light spring, *o*, behind the lever J, is all that is required, except the spiral spring *p*, for throwing the latch.

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

The combination of the slides E and G with the bolts B and F, and levers J, *m*, and *n*, arranged substantially as shown and described, for the purposes set forth.

The above specification of my invention signed by me, this 12th day of October, 1868.

J. WAYTT JONES.

Witnesses:

G. F. ROBB,

W. H. JONES.