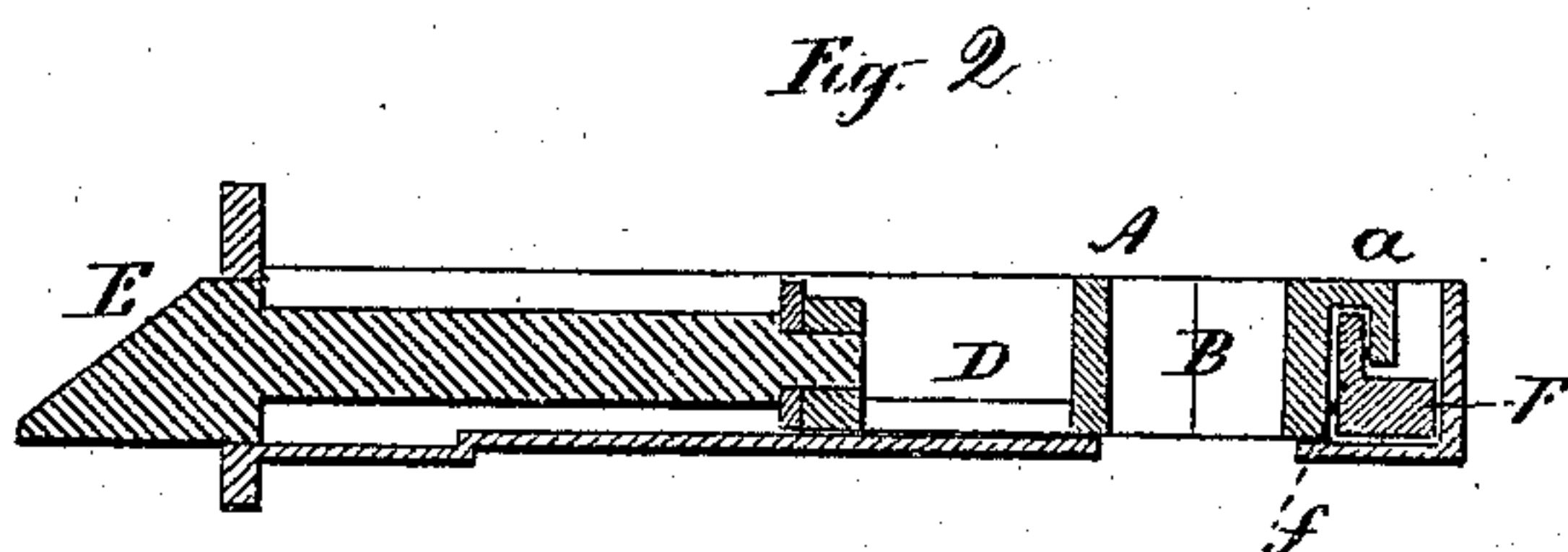
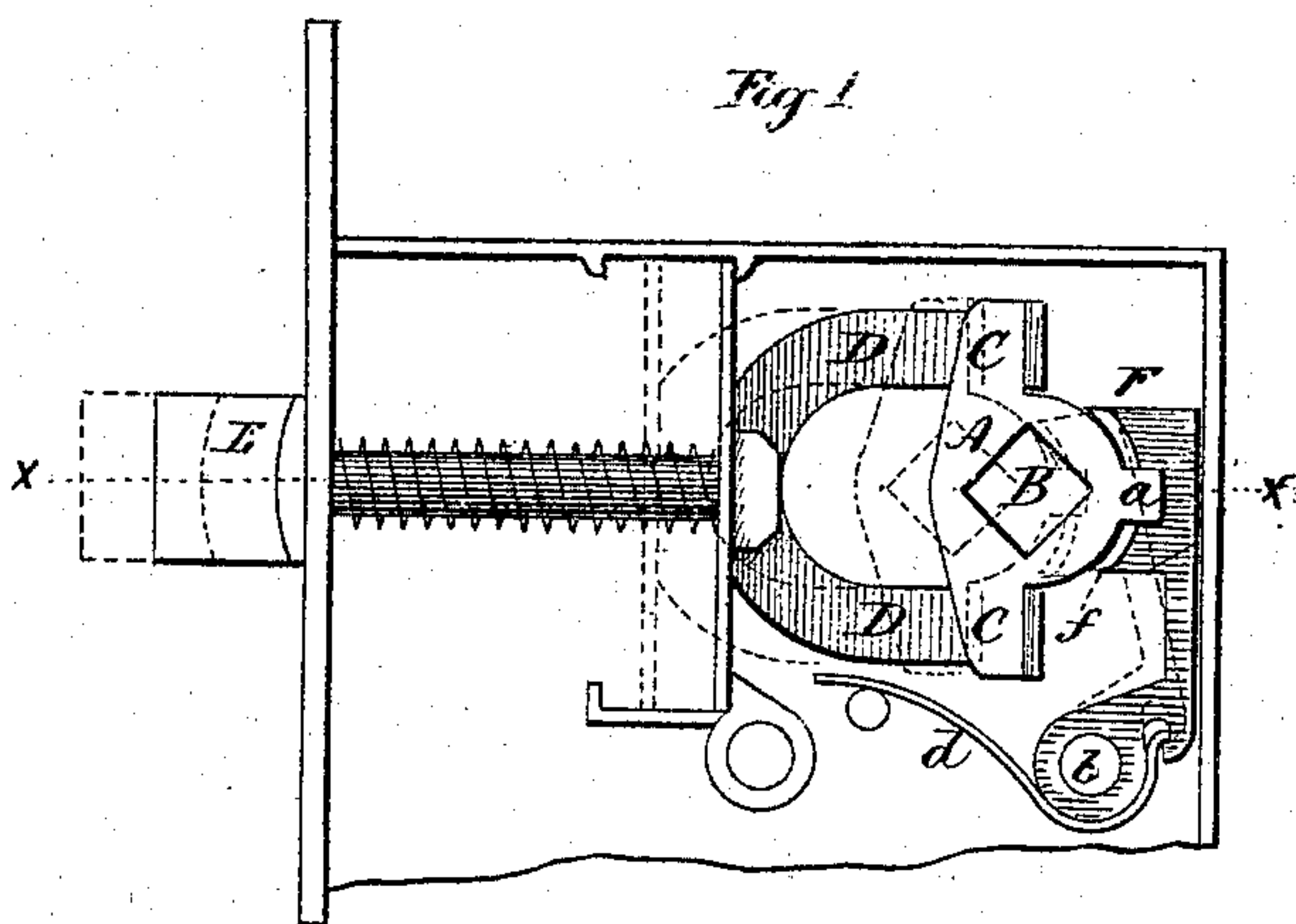


C. S. JENNINGS.
Reversible Knob-Latches.

No. 137,685.

Patented April 8, 1873.



Witnesses

H. Shumway
A. J. Dehritz

Charles Jennings
Inventor

By *Atty.*

John Earle

UNITED STATES PATENT OFFICE.

CHARLES S. JENNINGS, OF MERIDEN, CONNECTICUT, ASSIGNOR TO THE
PARKER & WHIPPLE COMPANY, OF SAME PLACE.

IMPROVEMENT IN REVERSIBLE KNOB-LATCHES.

Specification forming part of Letters Patent No. 137,685, dated April 8, 1873; application filed
March 21, 1873.

To all whom it may concern:

Be it known that I, CHARLES S. JENNINGS, of Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Reversible Latches; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents, in—

Figure 1, an interior view of the case and its operative mechanism; and in Fig. 2, a section on line *x x*.

This invention relates to an improvement in that class of knob-latches in which the bolt is made reversible for a right or left hand door by partially withdrawing the bolt from the case, and particularly to that class in which the bolt and its whole mechanism—that is, the yoke and follower—are drawn forward with the bolt. The object of this invention is to so hold the follower that it may be always retained in the same relative position to the yoke, and to insure the drawing back of the follower, yoke, and bolt into place after they have been withdrawn; and the invention consists in constructing the follower with a hook upon its rear side combined with a shoe, against which the hub sits, and the said shoe provided with a flange, of segmental form, over which the hook on the follower passes, the said shoe provided with a spring, which will draw the follower and latch-bolt back into place and there hold them, as more fully hereinafter described.

A is the follower, perforated for the spindle, as at B, and constructed with two arms, C C, to act upon the respective arms D of the yoke to draw the latch-bolt E, in substantially the usual manner. The follower is of such thickness as to move freely between the plates

of the lock-case, so that a person taking hold of the latch-bolt and drawing it through the face-plate, as denoted in broken lines, Fig. 2, will draw with it the yoke and follower.

Without some support other than that afforded by the arms of the yoke the follower would be loose in the case, and when on the door it would be difficult to bring the follower to the position for the insertion of the spindle. To insure retaining in this position, as also to automatically draw the latch-bolt back into the case, I construct the follower with a hook, *a*, upon the rear, and in the rear of the follower I arrange a shoe, F, with an upwardly-projecting flange, *f*. This shoe fits the surface of the follower and forms a seat, as it were, upon which to turn. The hook *a* sets over the flange *f*, and the flange is of a segmental form, so that, in turning the follower, the hook will traverse around upon the said flange. This shoe is preferably pivoted at *b* to the case, and a spring, *d*, arranged in connection therewith, the tendency of which is to hold the shoe in the position denoted in Fig. 1, and support the follower in proper position. In this position the latch is operated in the usual manner. To reverse the latch, take hold of the bolt and draw it from the case, as denoted in broken lines, Fig. 1. This draws the operative parts forward, as also denoted in broken lines; the latch-bolt may be properly set and left free; the spring on the shoe will return the bolt and operative parts into place.

I claim as my invention—

The follower A, constructed with the hook *a*, combined with the shoe F, constructed with the segmental flange *f*, and arranged and operating together substantially as specified.

CHARLES S. JENNINGS.

Witnesses:

THOMAS BROOKS,
JOHN Q. THAYER.