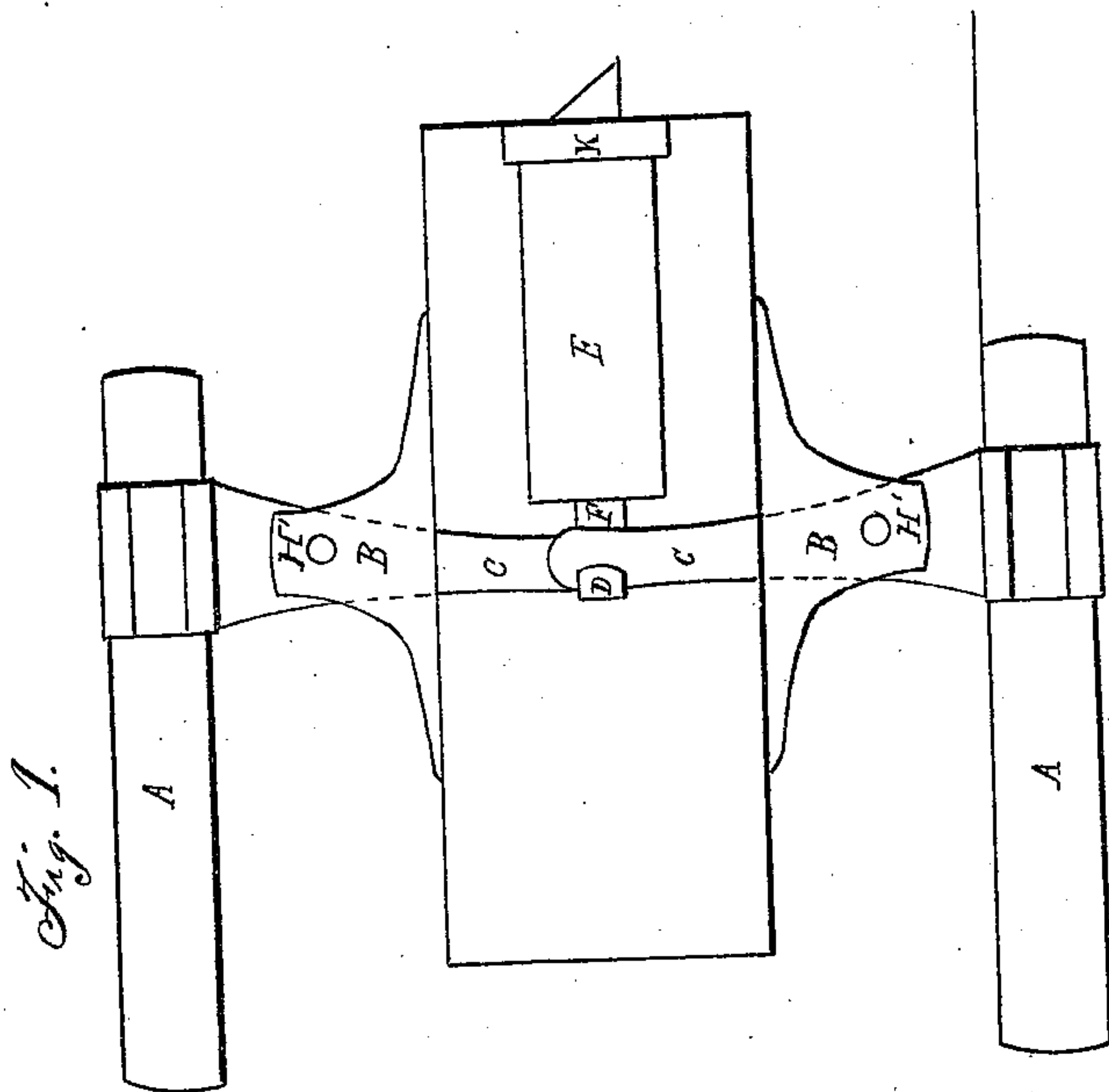
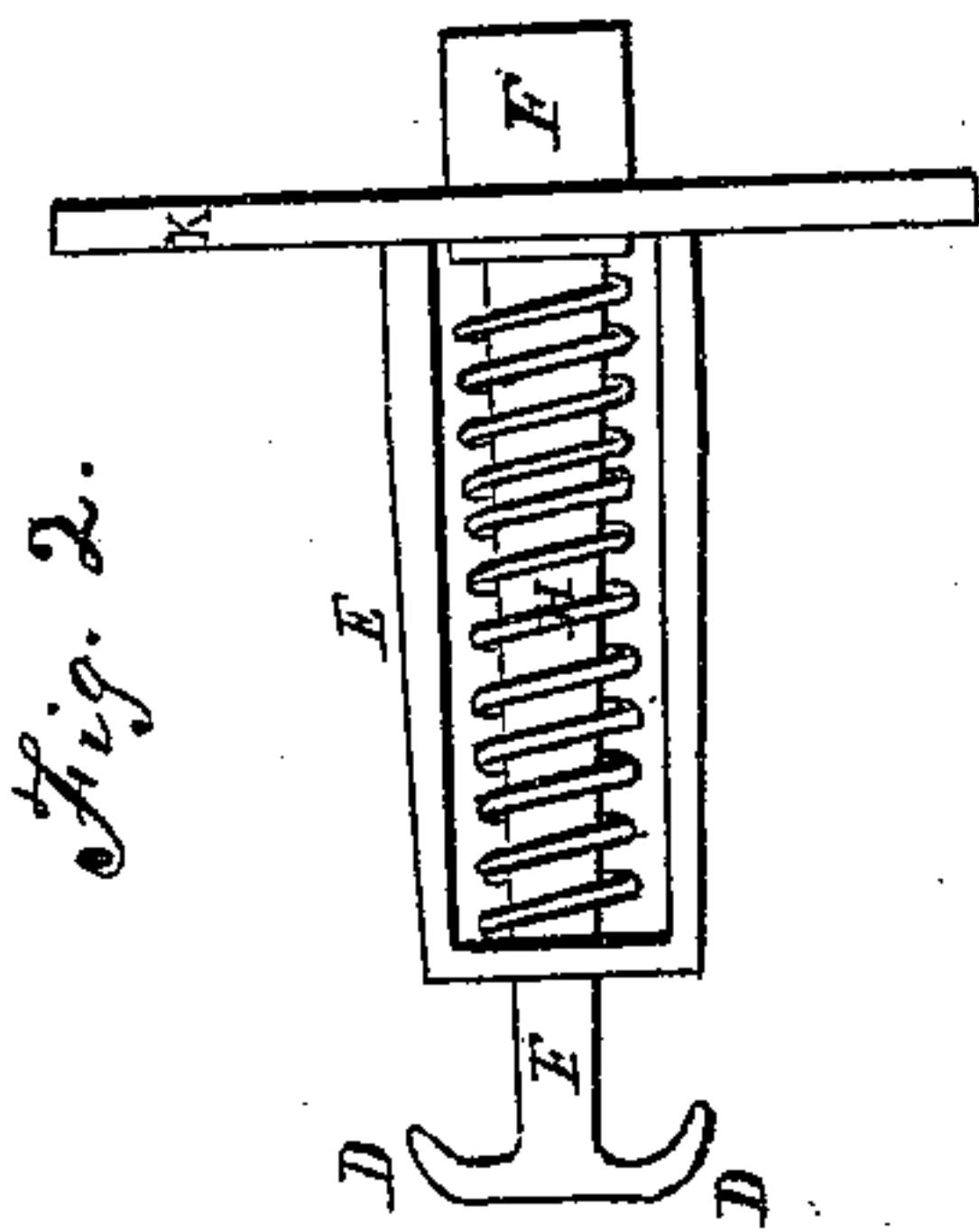


*E. Manley,*

*Latch.*

*No. 93,324.*

*Patented Aug. 3. 1869.*



*Charles M. Young*  
*Frank A. Jackson*

*Examined & made by*  
*Chas. S. Whitman*  
*att'y*

# United States Patent Office.

EMMONS MANLEY, OF MARION, NEW YORK.

Letters Patent No. 93,324, dated August 3, 1869.

## IMPROVEMENT IN DOOR-LATCHES.

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, EMMONS MANLEY, of Marion, in the county of Wayne, and State of New York, have invented an Improved "Door-Latch;" and I do hereby declare that the following is a full and exact description thereof, which will enable those skilled in the art to make and use my invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to a latch for doors, &c.; and consists in a peculiar form of handle, and a novel connection between the same and the latch-bolt.

In the plate of drawings which illustrate my invention—

Figure I is a horizontal section through a portion of door, with my invention applied thereto.

Figure II is an inside view of the casing in which the latch-bolt is arranged to move.

A is the handle, cylindrical in form, and made of any substance which it may be deemed desirable to use.

C is the lever-bar, made solid with the said handle A, or attached to the same in any other manner which I deem desirable.

The axis of the said lever is at right angles with the axis of the said handle.

B is the rosette, secured by screws, or otherwise, to the door.

The lever *c* is pivoted to the rosette by means of the pin *H*, which passes through circular holes cut in the said rosette, and also through holes cut in the lever *c*.

The latch-bolt *F* terminates with the horns *D D*, which fit respectively over the ends of the said levers *C C*.

The said latch-bolt is arranged within the tube or casing *E* to move out and in through the plate *K*, which is made solid with the said tube *E*.

*H* is a spiral spring, which causes the said latch-bolt to recoil, and assume its normal position after being actuated by the said levers.

The operation of my invention is readily seen.

The levers *C*, being actuated by the hand applied to the handle *A*, describe the arc of a circle about the pivot *H* as a centre, and press upon the horns *D* of the bolt *F*, thereby throwing back the said bolt within the casing *E*, and releasing the door, and when the pressure is released from the handle, the spring *H* throws the bolt back to its normal condition.

It will be observed that the levers act independently of each other, and noiselessly.

I am aware that lever-handles and spring mortise-bolts, somewhat similar to those herein described, have been heretofore patented. I therefore do not claim the same severally and broadly.

I claim, and desire to secure by Letters Patent—

The arrangement and combination of the handles *A* and levers *C*, (pivoted respectively to the rosettes *B*), with the horns *D* of the latch-bolt, substantially as described.

EMMONS MANLEY.

Witnesses:

O. P. DAVIS,

A. B. NEWTON.