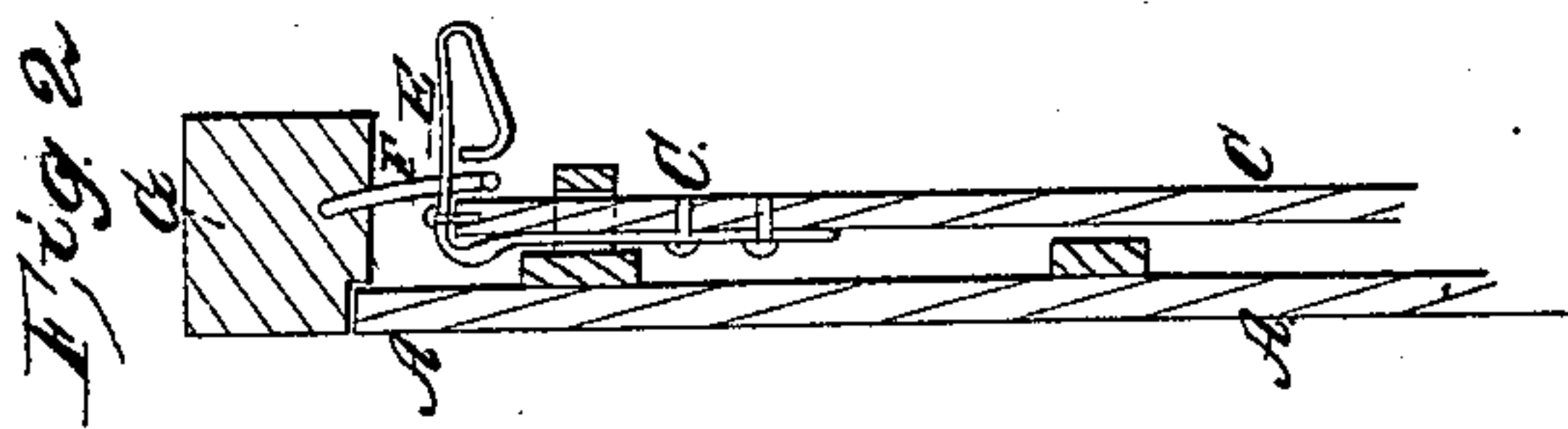
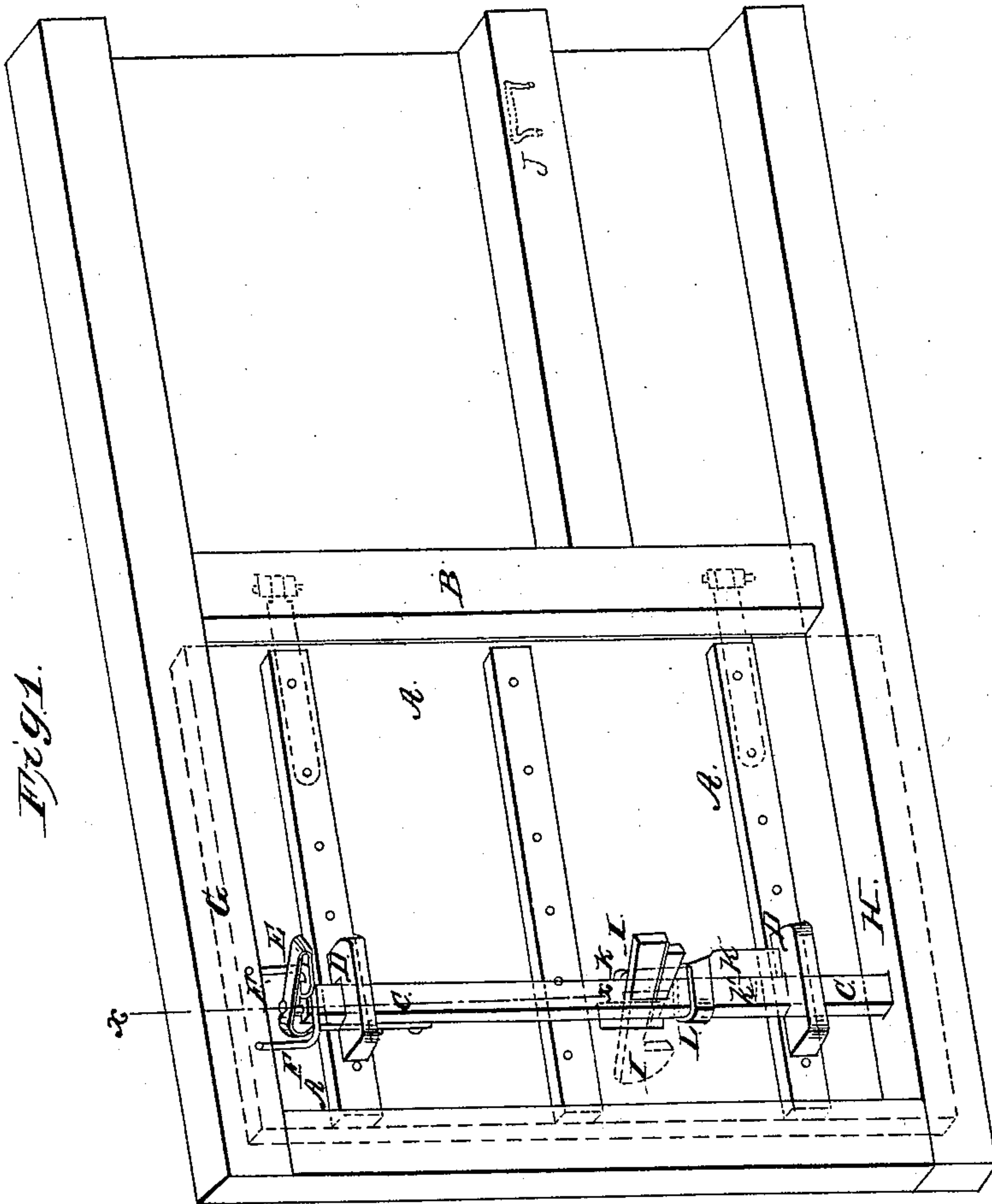


*Hayes & Morris,  
Gate Latch,*

*No 70,562,*

*Patented Nov. 5, 1867.*



*Witnesses.  
Thos Insche  
Jas Service.*

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L B Hayes  
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# United States Patent Office.

LORENZO B. HAYES AND WILLIAM MORRIS, OF GREENE, NEW YORK.

*Letters Patent No. 70,562, dated November 5, 1867.*

## IMPROVED BARN-DOOR OR GATE-FASTENING.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that we, LORENZO B. HAYES and WILLIAM MORRIS, of Greene, Chenango county, New York, have invented a new and useful Improvement in Barn-Door or Gate-Fastening; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of our improved fastening.

Figure 2 is a detail sectional view of the same, taken through the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

Our invention has for its object to furnish an improved fastening for barn-doors, gates, &c., cheap, durable, and simple in construction, which will fasten the door, both open and shut, automatically, securing it at top and bottom, and which may be adjusted to compensate for the sag of the gate or door; and it consists in the combination of the vertical bar, having catches attached to it, with the door and frame of the doorway, and in the combination of the adjusting-block, having a pin attached to its edge, and movable collar or band with the vertical bar, the whole being constructed and arranged as hereinafter more fully described.

A represents a barn-door, which is hinged to the post B in the ordinary manner. C is a vertical bar, moving freely up and down in keepers, D, attached to the door A. To the upper end of the bar C is attached a spring-catch, E, having its forward end inclined, as shown in fig. 2, which, when the door A is swung shut, strikes against the square staple F attached to the beam G of the doorway, raising the bar C so that its lower end may pass above the sill H. Then, as the staple F passes into the notch of the catch E, the lower end of the bar C drops into a mortise in the sill H, fastening the door both at top and bottom. I is a catch, attached to the bar C, and passing out through a slot in the door, which, as the door is swung back, catches upon a staple, J, attached to the side of the barn, as shown in dotted lines in fig. 1. The projecting end of the catch I also serves as a handle to raise the bar C, and unfasten the door from the outside. K is a block, having a pin, *k'*, attached to its edge, which enters one or the other of the holes formed in the edge of the bar C for its reception. L is a band or collar, fitting upon the bar C and the tapering upper end of the block K, and which is held down by its own weight, holding the block K close up against the bar C. But by raising the band or collar L, the lower end of the block K may be drawn outward so as to change the pin *k'* from one hole to another, as desired. This construction enables the bar C to be adjusted to compensate for the sag of the door, so that the said bar may always be kept in proper position for fastening the door.

What we claim, and desire to secure by Letters Patent, is—

1. The combination of the vertical bar C, spring-catch E, and catch I with each other, and with the door or gate A, substantially as herein shown and described, and for the purpose set forth.

2. The combination of the band or collar L and block K, having a pin, *k'*, attached to its edge, with the bar C, substantially as herein shown and described and for the purpose set forth.

The above specification of our invention signed by us this 16th day of April, 1867.

LORENZO B. HAYES,  
WILLIAM MORRIS.

Witnesses:

J. G. REYNOLDS,  
GEO. W. BAKER.