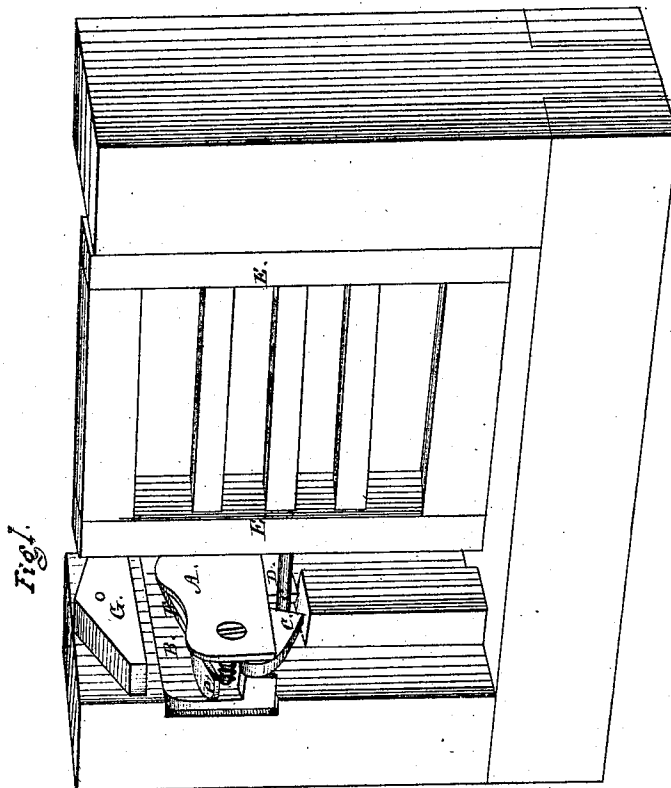
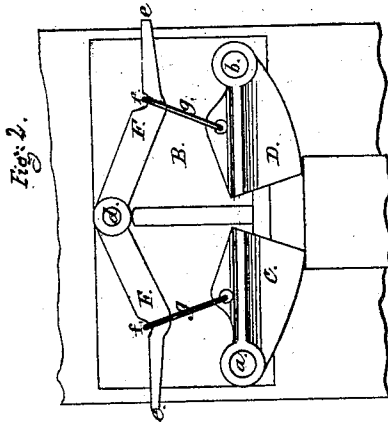


W. Patton,

Gate Latch.

No. 106,955.

Patented Aug. 30, 1870.



Witnesses:
Jno. Q. Patton.
S. M. Pool

Inventor
Wm. Patton.
By his atty. A. B. Stoughton.

United States Patent Office.

WILLIAM PATTON, OF TOWANDA, PENNSYLVANIA.

Letters Patent No. 106,955, dated August 30, 1870; antedated August 25, 1870.

IMPROVEMENT IN LATCHES FOR GATES, &c.

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, WILLIAM PATTON, of Towanda, in the county of Bradford and State of Pennsylvania, have invented certain new and useful Improvements in Door and Gate-Latches and Fastenings; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 represents a perspective view of one of the fastenings, as applied to the fastening of a gate.

Figure 2 represents a view of the interior of the fastening, the face plate being removed to show the interior.

My invention consists in a door or gate-fastening, in which two pivoted latches, one on each side of the bolt or keeper, are operated from either side of the door or gate by a vibrating lever, to which the said latches are connected by links, straps, or other similar device, as will be explained.

To enable those skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

A is a face-plate, and

B a back plate, between which the moving parts of the fastening are placed, and in which they are pivoted or hung and operated.

C D are two tumbler latches, pivoted, respectively, at the points *a b*, so that the overpoise of the projecting portions shall tend to make them drop when released or free, said latches projecting toward each other far enough to leave between them space for the keeper or bolt *c*, on the door or gate E, to pass into, for fastening said door or gate.

Between the plates A B, and above the latches, is pivoted, at *d*, a lever, F, which projects each way

from its center of motion, and extends beyond the incasing plates far enough to form thumb-levers, *e*, for operating said lever F.

The latches C D are connected to this lever F at the points *f f* by links or straps, *g g*, so that, from either end of said lever, either latch may be raised, and the gate or door allowed to swing from or toward the person operating the lever, as he may desire.

The door or gate may be self-fastening, as it "swings to," as the weight of the latch, its bolt or keeper, has to lift in so doing is extremely light, as there is no spring to overcome, nothing but the weight of the latch alone, and the avoidance of springs makes the fastening much less liable to disarrangement.

The latches are controlled, in their downward movement, by flanges or projections that prevent them from falling too far, and the whole fastening may be shielded from the weather by a cover, G, or other suitable protection, or it may be let into the frame or gate-post far enough to protect it.

Having thus fully described my invention,

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

In a fastening for a door or gate that opens and closes in both directions, the arrangement of the pivoted lever F, and pivoted latches C D, suspended thereto by links *g g*, so that, while the latches can be raised from either end of the lever, either latch can rise or drop independent of the lever, when struck by the bolt or keeper on the door or gate, as described and represented.

W. PATTON.

Witnesses:

W. H. WATKINS,
G. D. MONTANYE.