(No Model.)

W. A. HAWKINS.

GATE LATCH.

No. 262,409. Patented Aug. 8, 1882.

Fig. 1

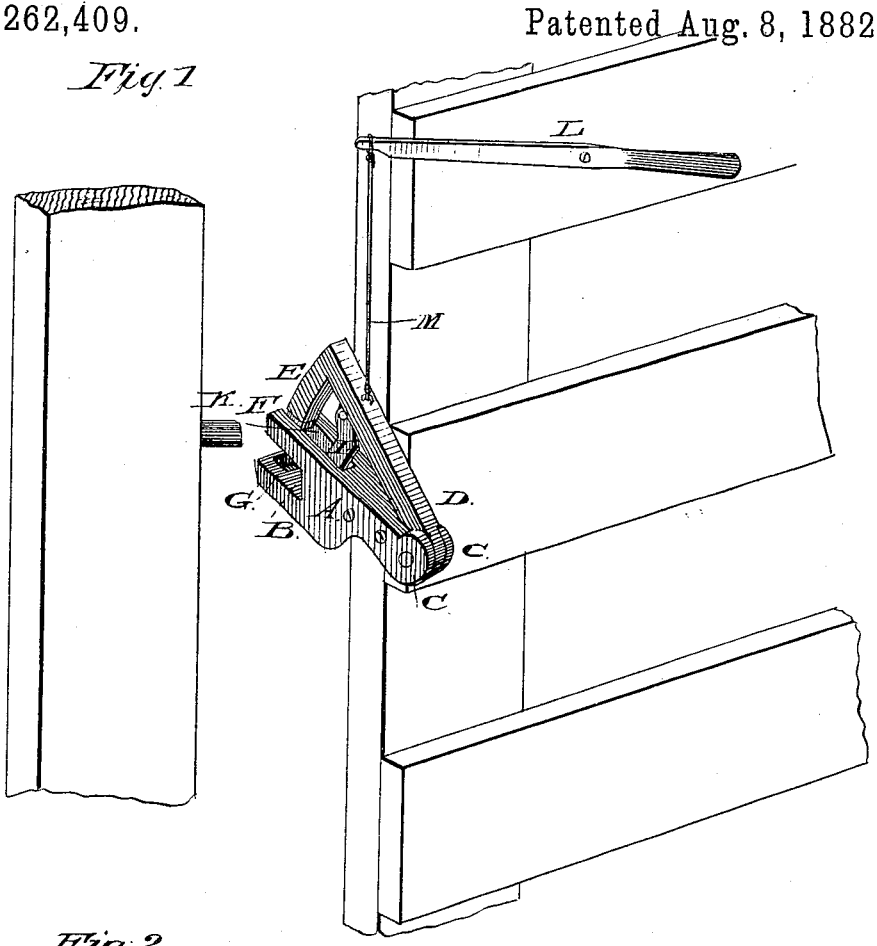
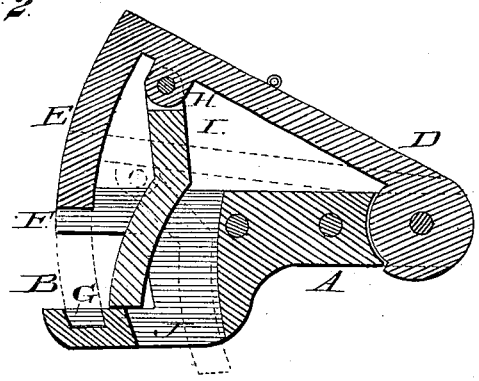


Fig. 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM A. HAWKINS, OF HAWKINSTOWN, VIRGINIA.

GATE-LATCH.

SPECIFICATION forming part of Letters Patent No. 262,409, dated August 8, 1882.

Application filed June 3, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. HAWKINS, of Hawkinstown, in the county of Shenandoah and State of Virginia, have invented certain new and useful Improvements in Gate-Latches; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view, showing my improved gate-latch in position for operation; and Fig. 2 is a longitudinal vertical sectional view of the latch.

Similar letters of reference indicate corresponding parts.

This invention relates to an improved latch for farm and other gates and doors; and it consists in certain improvements in the construction of the same which will be hereinafter fully described, and particularly pointed out in the claims.

A in the drawings represents a suitable box or frame, provided at its front end with a transverse notch or recess, B, and at its rear end with a pair of lugs, C C, between which is hinged an arm, D, the front end of which carries a hook, E, for the reception of which a slot, F, is provided at the front end of the box. The portion of the frame A below the notch B has a recess, G, to receive the point of the hook. The under side of arm D is provided near the front end with a lug, H, to which is pivoted a trip-lever, I, extending through a slot, J, in the box or case. When the arm D is raised said trip-lever swings forward and is supported on a part of the frame A below the notch B, thus supporting the hook E in a raised position.

The latch may be attached to the end of a gate, as seen in Fig. 1, and a pin, K, be driven in the gate-post to engage the hook E. The arm D may be manipulated by means of a lever, L, pivoted to one of the gate-bars, and connected with the arm D by a rod, cord, or chain, M.

The operation of my invention will be readily understood. When the arm D is raised the hook E is disengaged from the pin K, and the gate may be opened. When the gate swings shut the pin K strikes the trip-lever I, causing the arm D to drop, thus latching the gate. It will be seen that but trifling force is required to do this, thus preventing injury to the gate.

When desired, the latch may be attached to the gate-post and the pin K to the gate. The latch, it should also be stated, may be manufactured in any suitable manner.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a gate-latch, the combination of the box or case A, having notch B, recess G, and slots F J, in combination with the hinged arm D, having hook E, and pivoted trip-lever I, as herein shown and specified.

2. The combination of the gate-post having pin K, the gate having latch provided with the transverse notch B, and hooked arm D, having pivoted trip-lever I, and means for lifting the said arm D, substantially as herein described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM A. HAWKINS.

Witnesses:

L. TRIPLETT, Jr.,

CHAS. A. R. MOORE.