

(No Model.)

J. BIRD.
GATE LATCH.

No. 470,539.

Patented Mar. 8, 1892.

FIG. 1.

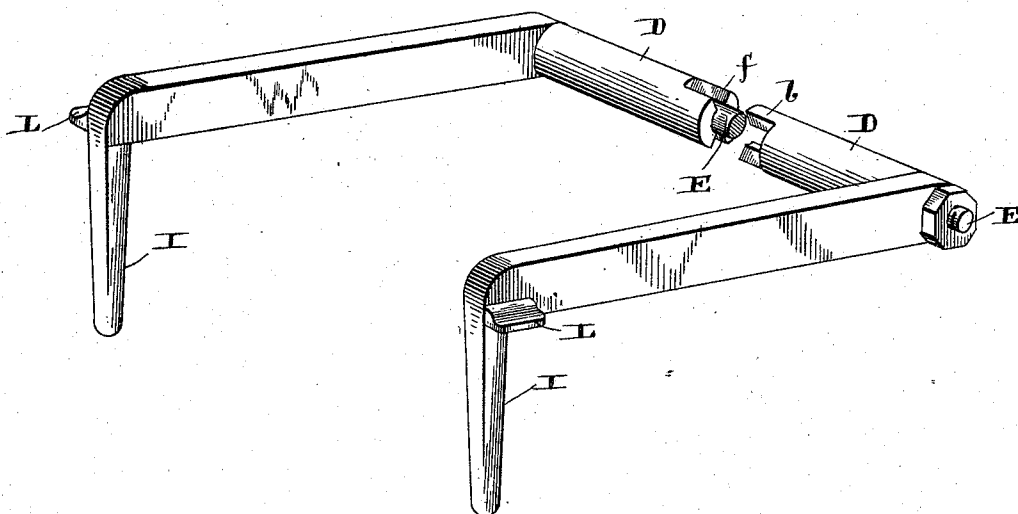
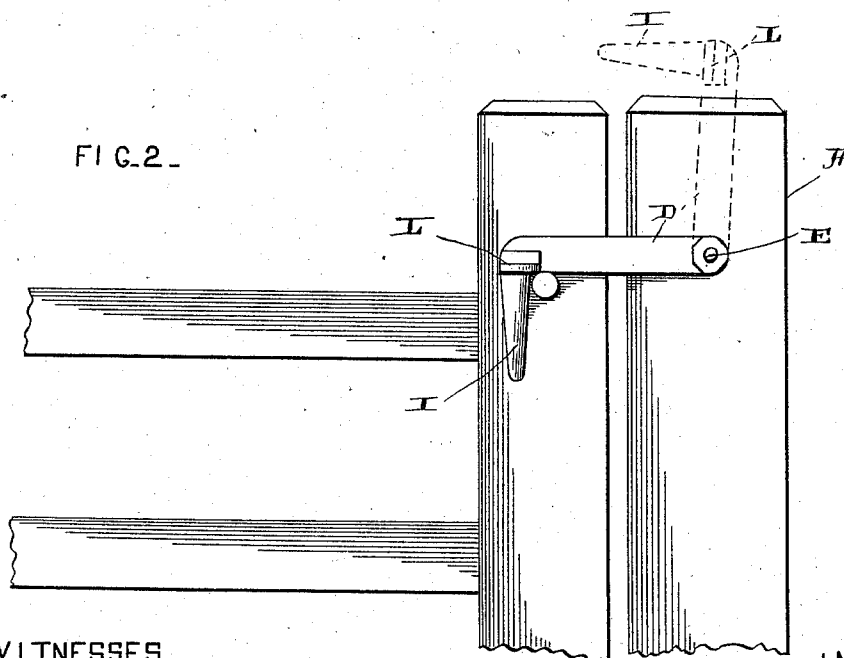


FIG. 2.



WITNESSES.

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UNITED STATES PATENT OFFICE.

JOHN BIRD, OF WARREN, ILLINOIS.

GATE-LATCH.

SPECIFICATION forming part of Letters Patent No. 470,539, dated March 8, 1892.

Application filed October 7, 1891. Serial No. 408,037. (No model.)

To all whom it may concern:

Be it known that I, JOHN BIRD, of Warren, in the county of Jo Daviess and State of Illinois, have invented certain new and useful
5 Improvements in Gate-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being
10 had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in gate-fasteners; and it consists in the particular construction and arrangement of parts,
15 which will be fully described hereinafter, and particularly referred to in the claims.

The object of my invention is to provide a simple fastener for sliding and swinging gates, which can be applied to any ordinary gate-
20 post, which is so constructed that it will prevent the gate from being opened until it is operated, and which will also prevent the gate from being raised by animals.

In the drawings, Figure 1 is a perspective
25 view of one of my fasteners complete. Fig. 2 is a view showing the invention applied.

A indicates a gate-post, which is provided with a transverse opening that is bored therein in any convenient manner. My invention is
30 applied to this opening, which forms a bearing or hinge therefor. This hanger consists of two L-shaped castings D, which have the lateral portions of the L made hollow for the reception of a tie-bolt E. These lateral portions F are provided, respectively, with a projection b and an opening f for the reception
35 of the said projection b. In this manner the parts are secured together by means of the tie-bolt E, and interlock so that they both turn together, as will be readily understood. The object of having the two parts constructed to be separated is so that they can be placed
40 in the transverse opening in the gate-post from either side after the tie-bolt is removed, and then the tie-bolt passed through them and the two parts clamped firmly together. A pin G passes transversely through the gate,
45 upon which the outer free ends of the castings rest when they are turned down upon each side of the gate, as shown in Fig. 2. Extending downward from the outer ends of the

two castings D are the projections I, which rest just outside of the pin G, and thus will lock a sliding gate against being opened, and will prevent a gate from being raised by hogs or
55 other animals by catching behind the said pin, as will be readily understood. Ears or projections L extend laterally from the sides of the outer ends of the said castings for convenience in raising the said fastener from
60 either side of the gate by affording a hand or finger hold. When the fastening is turned upward, as shown in dotted lines in Fig. 2, just a little past the vertical line, it will so remain until the gate is closed and the fastener
65 again turned downward.

By means of the above construction I produce a gate-fastener which is very simple in construction, and yet very effective in operation. It will prevent the gate from being
70 pushed sidewise to any great extent and will prevent a hinged or other gate from being raised and a sliding gate from being pushed open.

The device is simple and cheap to manufacture, and can be applied to any ordinary
75 gate-post.

While I have described my invention as especially adapted for application to gates, I do not desire to limit myself to this use, for
80 it will be readily understood that the same fastening can be used with convenience for fastening the doors of out or other buildings in the same manner that it is used for securing a gate without departing from the spirit
85 of my invention.

Having thus described my invention, I claim—

1. A gate-fastener consisting of two L-shaped portions having the lateral portion of
90 their L made hollow, and a tie-bolt passed through the said hollow portions, substantially as described.

2. A gate-fastener consisting of two L-shaped portions having their lateral portions
95 made hollow and the inner ends of the said lateral portions constructed to interlock, and a tie-bolt which is passed through the said hollow portions, substantially as specified.

3. A gate-fastener consisting of two L-
100 shaped portions having the lateral portions thereof made hollow, the outer ends of the

said L-shaped portions provided with downwardly-extending projections, and a tie-bolt which is passed through the said hollow portions, substantially as specified.

- 5 4. A gate-fastener consisting of a U-shaped hanger having its parallel portions provided with downwardly-extending projections I, and horizontal projections L in front of the trans-

verse portion, by means of which the hanger is lifted, substantially as specified. 10

In testimony whereof I affix my signature in presence of two witnesses.

JOHN BIRD.

Witnesses:

HENRY R. LOVIN,
W. P. BALLARD.