(No Model.)

H. S. WESTMORELAND.

GATE HINGE.

No. 540,769. Patented June 11, 1895.

Fig. 1.

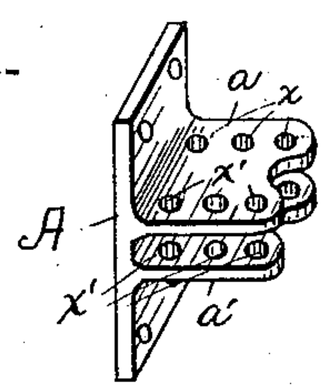


Fig. 3.

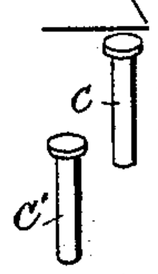


Fig. 2.

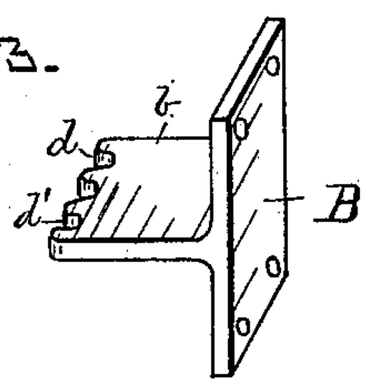


Fig. 4.

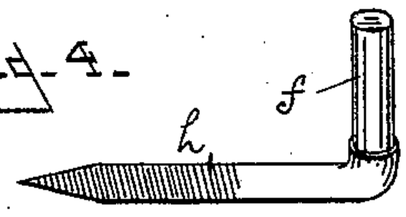


Fig. 5.

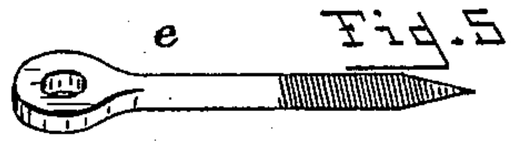
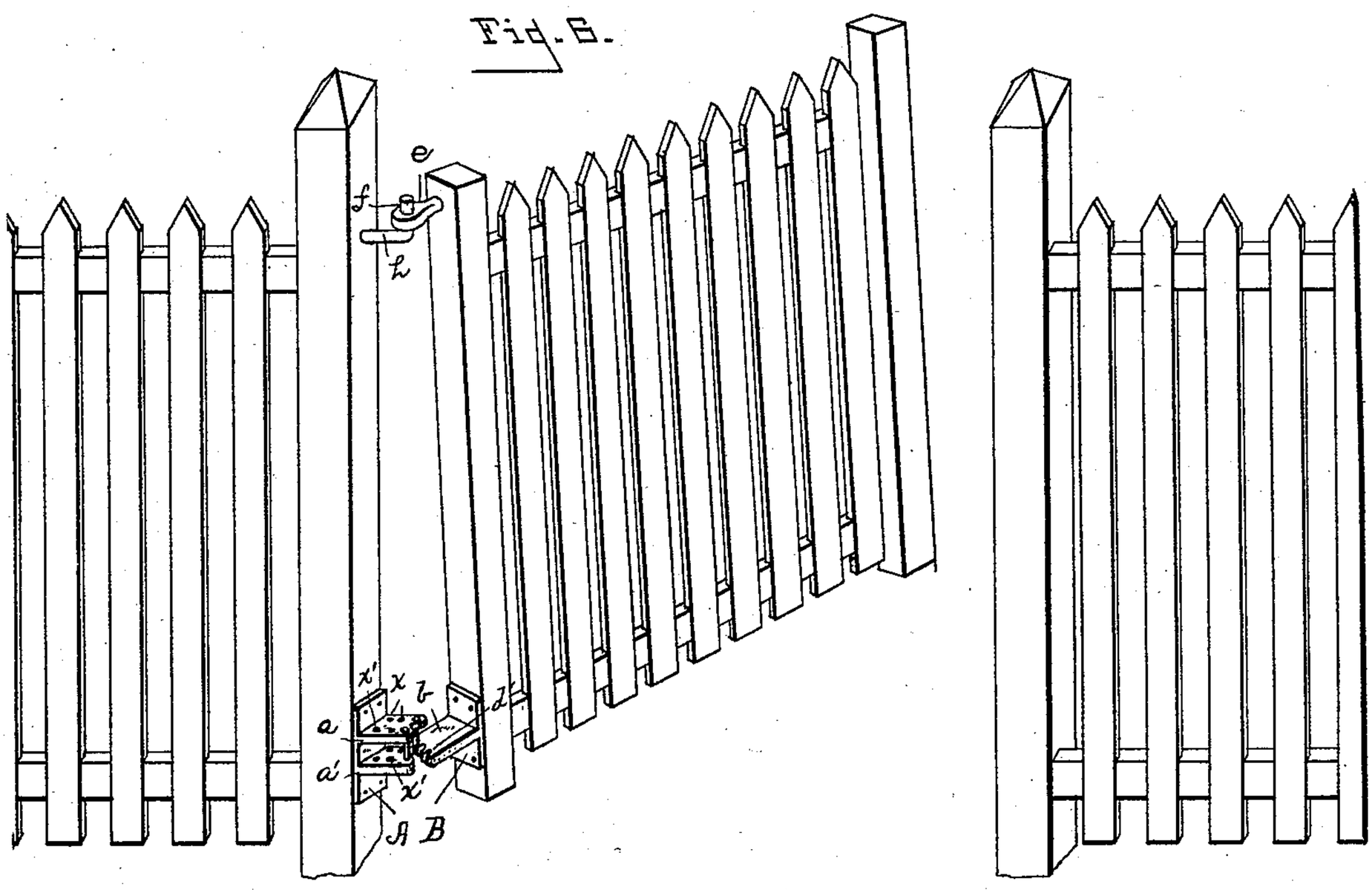


Fig. 6.



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HUGH S. WESTMORELAND, OF CAMERON, TEXAS.

GATE-HINGE.

SPECIFICATION forming part of Letters Patent No. 540,769, dated June 11, 1895.

Application filed May 7, 1894. Serial No. 510,422. (No model.)

To all whom it may concern:

Be it known that I, HUGH S. WESTMORELAND, a citizen of the United States, residing at Cameron, in the county of Milam and State of Texas, have invented new and useful Improvements in Gate-Hinges, of which the following is a specification.

This invention relates to an adjustable-hinge for use in connection with a suitable upper hinge, for supporting gates in such manner as to permit of their being opened in either direction and allowed to close automatically, as hereinafter fully described.

My invention also allows the gate to be adjusted to suit the inclination of its supporting-post, or to have its outer end elevated to a sufficient degree to permit dogs and other small animals to pass freely under same when closed.

The nature of my improvements will be readily understood by referring to the accompanying drawings, whereon—

Figure 1 is a perspective view of one section of my hinge, and Fig. 2 the other section thereof. Fig. 3 represents pins employed in connection with my hinge-sections. Figs. 4 and 5 represent the two sections of a hinge whereby the upper part of a gate is supported. Fig. 6 is a perspective view of a gate provided with my improved hinge.

The letter A designates one section of my improved hinge, and B the other section thereof. Each sections consists of a vertical plate with holes therein for the reception of nails, or screws, whereby it is designed to be secured to the gate-post and gate, respectively. The section A is provided with two parallel right-angle projections *a*, *a'*, having space between same for the reception, and free operation of a single projection *b* of plate B.

The projections *a*, *a'*, of plate A, are provided near each side thereof with a line of vertical perforations, as shown at *x*, *x'*, for the reception of the pins *c*, *c'*, against which the notches *d*, *d'*, formed at the end of the projection *b*, of plate B, are adapted to operate as hereinafter more fully explained.

The upper part of the hanging-stile of the gate is provided with an eye-bolt or strap *e*, which is adapted to fit over the pintle *f*, of staple *h*, which is connected with the gate-post, or support, so as to form the upper-pivot, or hinge of the gate. The lower part of the gate is connected with the aforesaid gate-post or support by my improved-hinge, the section A being secured to the post, or support, while section B is attached to the lower part of the hanging-stile of the gate, so that its projection *b*, shall operate between the projections *a*, *a'*, of plate A, and the outer notches of *b* engage the pins *c*, *c'*, of plate A, alternately, when the gate is in operation, and together, when the gate is at rest and closed. The angle at which the gate is held, can be changed, as required, by simply moving the pins *c c'* inward, or outward in the perforated projections of plate A.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

A gate-hinge composed of two sections, one section consisting of a vertical plate having two parallel right-angle projections, said projections provided near each side, with a line of vertical perforations, pins adapted to be seated in said perforations, as described, the other section of the hinge consisting of a vertical plate with a single right angle projection having a notched end adapted to bear against the aforesaid pins, when the gate is closed, and alternately as the gate is swung to the right or left, as described.

HUGH S. WESTMORELAND.

Witnesses:
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J. F. DAVIS.