

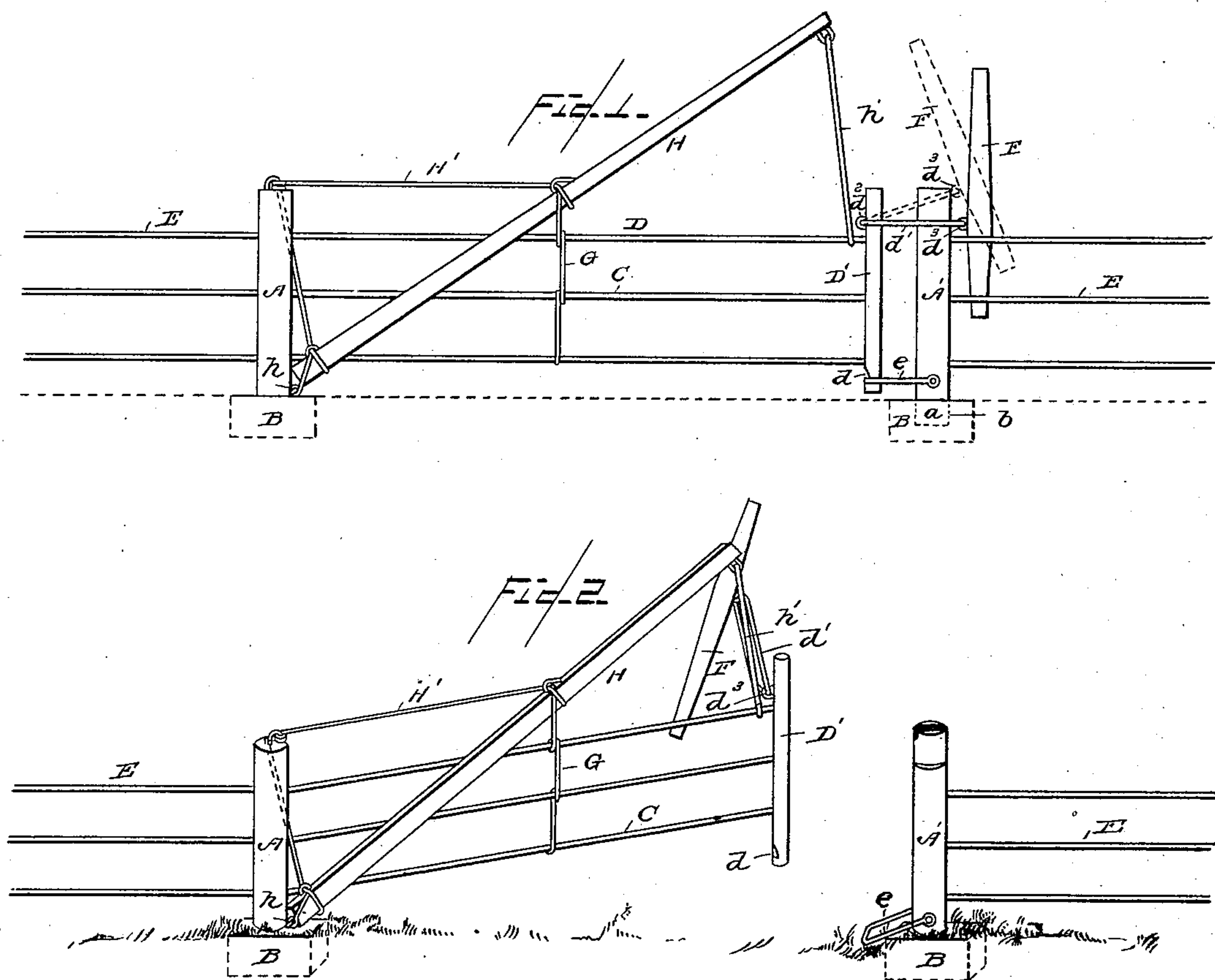
(No Model.)

H. O. THOMAS.

GATE.

No. 350,571.

Patented Oct. 12, 1886.



Witnesses
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UNITED STATES PATENT OFFICE.

HENRY O. THOMAS, OF FREMONT, NEBRASKA.

GATE.

SPECIFICATION forming part of Letters Patent No. 350,571, dated October 12, 1886.

Application filed February 6, 1886. Serial No. 191,037. (No model.)

To all whom it may concern:

Be it known that I, HENRY O. THOMAS, a citizen of the United States, residing at Fremont, in the county of Dodge and State of Nebraska, have invented a new and useful Improvement in Fence-Gates, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to fence-gates.

The invention contemplates the provision of means for holding the wires of an ordinary wire-gate in stretched or extended position when open.

To the accomplishment of the above ends, the invention consists in the construction, arrangement, and combination of parts, substantially as hereinafter described, and specifically pointed out in the claims.

Referring to the drawings, in which similar letters of reference denote similar parts, Figure 1 represents a section of wire-fence embodying my improvements, the gate shown in closed position. Fig. 2 represents a perspective view showing the gate open and swung to one side.

In the drawings, A designates the fence-posts, the lower ends, *a*, of which are received and held in sockets *b*, formed in blocks B, driven into the ground at predetermined distances from each other. The posts A may be of wood or metal, as desired.

C designates the fence-wires, which are secured to the posts B by staples in the ordinary manner.

D designates a section of the fence, adapted to be used as a gate. To this end I secure one end of each of the wires of a section to a short bar, D', the lower end of which is notched upon one side at *d* to engage a loop or strap, *e*, projecting from the post A' near the lower end thereof.

d' designates a loop or strap secured to the bar D' by a staple, *d''*, to the outer end of which is pivoted at *d'''* a lever, F, for the purpose of removing the strap or link *d'* from the post A' when the gate D is to be opened. I preferably groove the upper end and forward edge of said post A', to form a rest or fulcrum for the lever F.

The parts last-above described—to wit, post

A', bar D', their connecting straps or links, and lever F—are similar in construction and operation to parts shown and described in Letters Patent No. 325,219, and form no part of the present invention other than the function they fulfill in combination therewith. It should also be stated that the employment of an inclined stay, similar to H, is not broadly new.

G designates a supporting-wire that connects the fence-wires C together and to a stay, H, at a point midway between the bar D' and the next succeeding fence-post A, to which the wires, comprised in the gate D, are secured.

H designates a stay-bar, the purpose of which is to support the outer free end of the gate when open. The lower end of the stay H is secured at or near the bottom of the post A by a hinged connection, *h*, that permits said stay at the point named limited play both in vertical and lateral direction.

H' designates a straining-rod extending from a point near the middle of the stay H to the upper end of the post A, for the purpose of holding said stay in proper inclined position.

The outer end of the stay H is connected by a wire, *h'*, to the upper of the fence-wires C at or near the bar D', whereby when the gate is opened the gate is held in stretched position.

The operation of my improvement will be readily understood without further description.

What I claim is—

1. In a gate, the combination, with the posts A A', of wires C, connected with the post A, the bar D' at the free ends of the wires, link *e*, pivoted to the post A' and holding the lower end of the bar D', link *d'*, connected to the upper end of said bar, lever F, attached to the link *d'*, the inclined supporting-bar H, hinged at the lower end to the post A, wire H', connecting the bar H to the post A, and wire *h'*, connecting the outer or upper end of the bar H to the wires C, as set forth.

2. The combination, with the post A, of the wires C, connected thereto, the bar D', attached to the outer free ends of the wires,

the inclined supporting-bar H, hinged at its lower end to the post A, the wire G, connecting the bar H at an intermediate point to the wires C of the fence, the wire h', connecting
5 the outer or upper end of the bar H to the wires C, and the wire H', connecting the said bar to the post A, as set forth.

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

HENRY O. THOMAS.

Witnesses:

J. E. FRICK,

FRANK DOLEZAL.