

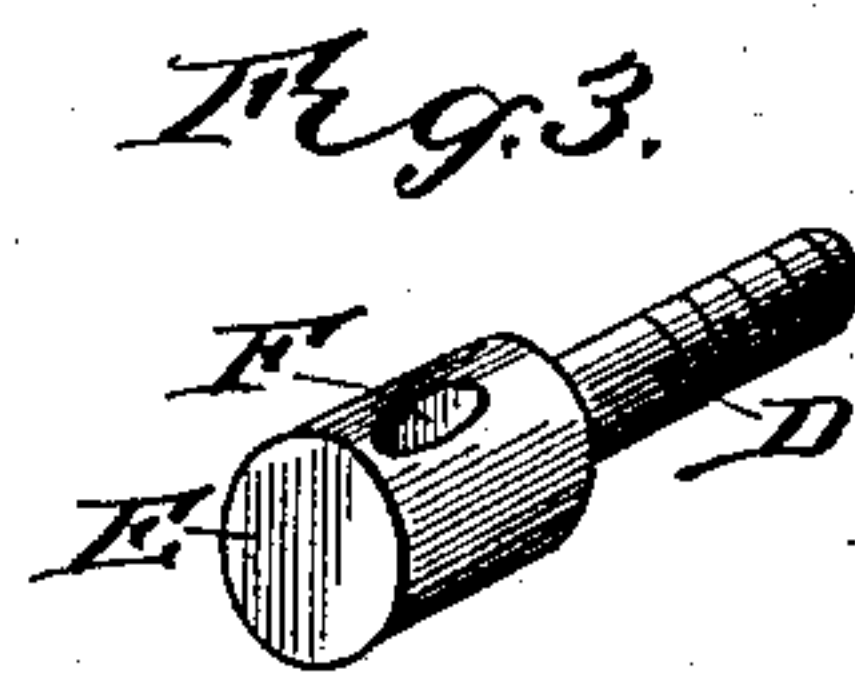
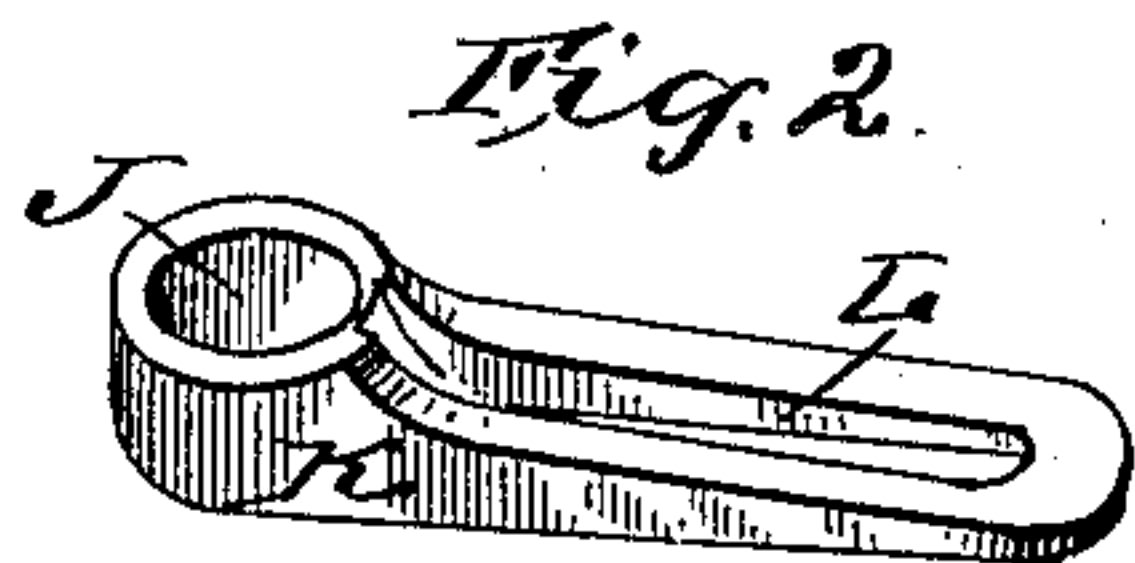
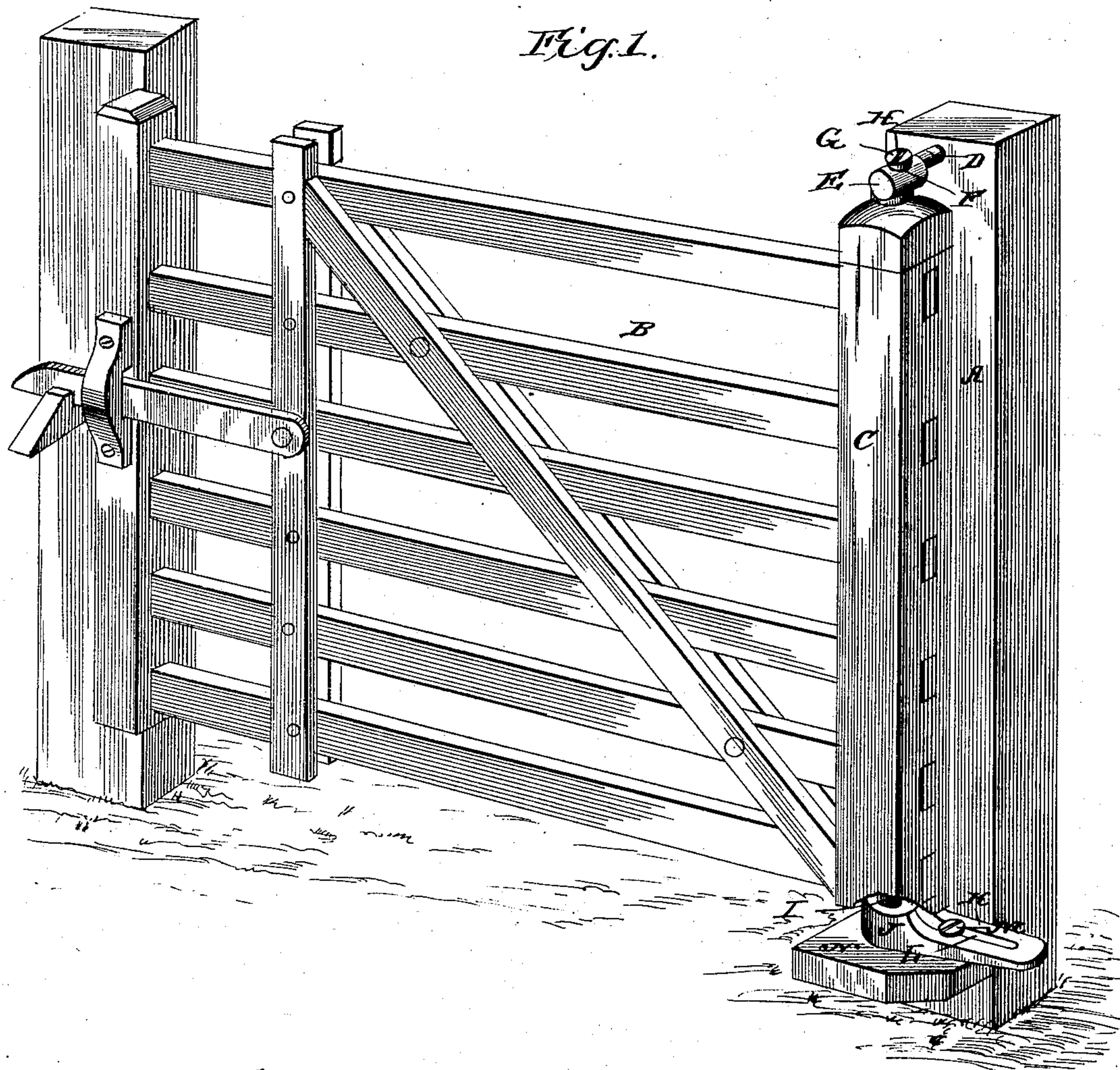
(No Model.)

M. T. PERKINS.

HINGE FOR GATES.

No. 318,288.

Patented May 19, 1885.



WITNESSES:

Fred. S. Dieterich
John Lecher

Miner T. Perkins,

INVENTOR.

By Louis Baggett & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

MINER T. PERKINS, OF MOUNT STERLING, KENTUCKY, ASSIGNOR OF ONE-HALF TO ADAM BAUM, OF SAME PLACE.

HINGE FOR GATES.

SPECIFICATION forming part of Letters Patent No. 318,288, dated May 19, 1885.

Application filed March 30, 1885. (No model.)

To all whom it may concern:

Be it known that I, MINER T. PERKINS, a citizen of the United States, and a resident of Mount Sterling, in the county of Montgomery and State of Kentucky, have invented certain new and useful Improvements in Hinges for Gates; 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, and in which—

Figure 1 is a perspective view of a gate with my improvement applied thereto, and Figs. 2 and 3 are perspective detail views of the upper and lower brackets for the gate-stile.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to hinges for gates; and it consists in the improved construction and combination of parts of a set of hangers for a swinging gate, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A indicates the gate-post. B is the gate, and C is the gate-stile or hinge-post.

At the upper end of the gate-post is screwed the shank D of the upper box, E, into the post, and the said box has a perforation, F, in which turns the upper end of a screw, G, which passes through the box into the end of the hinge-post of the gate, and which has a head, H, which bears against the upper end of the perforation in the box.

The lower end of the hinge-post is provided with a rounded pivot, I, which fits into a cup-shaped bearing, J, in the inner end of a plate or bar, K, and the said plate or bar is made wedge-shaped or tapering at its upper and lower sides from the cup-shaped bearing to the outer end, and has a longitudinal slot, L,

which slides upon a screw-bolt, M, secured into a bracket, N, projecting from the lower end of the gate-post, or into any other suitable support. The screw M is placed to one side of and slightly in front of the point, which is perpendicularly below the upper eye or bearing for the hinge-post, and it will be seen that by sliding the bar and cup upon the screw toward the gateway any sagging of the gate may be taken up, while by turning the cup outward or forward the lower end of the hinge-post will be brought out from the gate-post; so as to make the gate self-closing, and by drawing the cup and slotted bar outward to one side the gate may be sagged, so that its latch may not be raised, thus effectually locking the gate.

The shank of the upper bearing turns sufficiently to allow the gate-post to be tilted in these different directions, and the wedge shape of the bar will cause it to always be securely adjusted upon the screw, inasmuch as the strain upon the bar is always from the cup toward the outer tapering end.

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

In a gate, the combination, with the hinge-post having a swiveled bearing for its upper end, and having a rounded pivot at its lower end, of a bar at the bottom of said post having a cup-shaped bearing at one end and a longitudinal slot at the other, and a screw for adjusting said bar, as and for the purpose shown and set forth.

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

MINER T. PERKINS.

Witnesses:

ELLIS DEAN,
SAMUEL H. KASH.