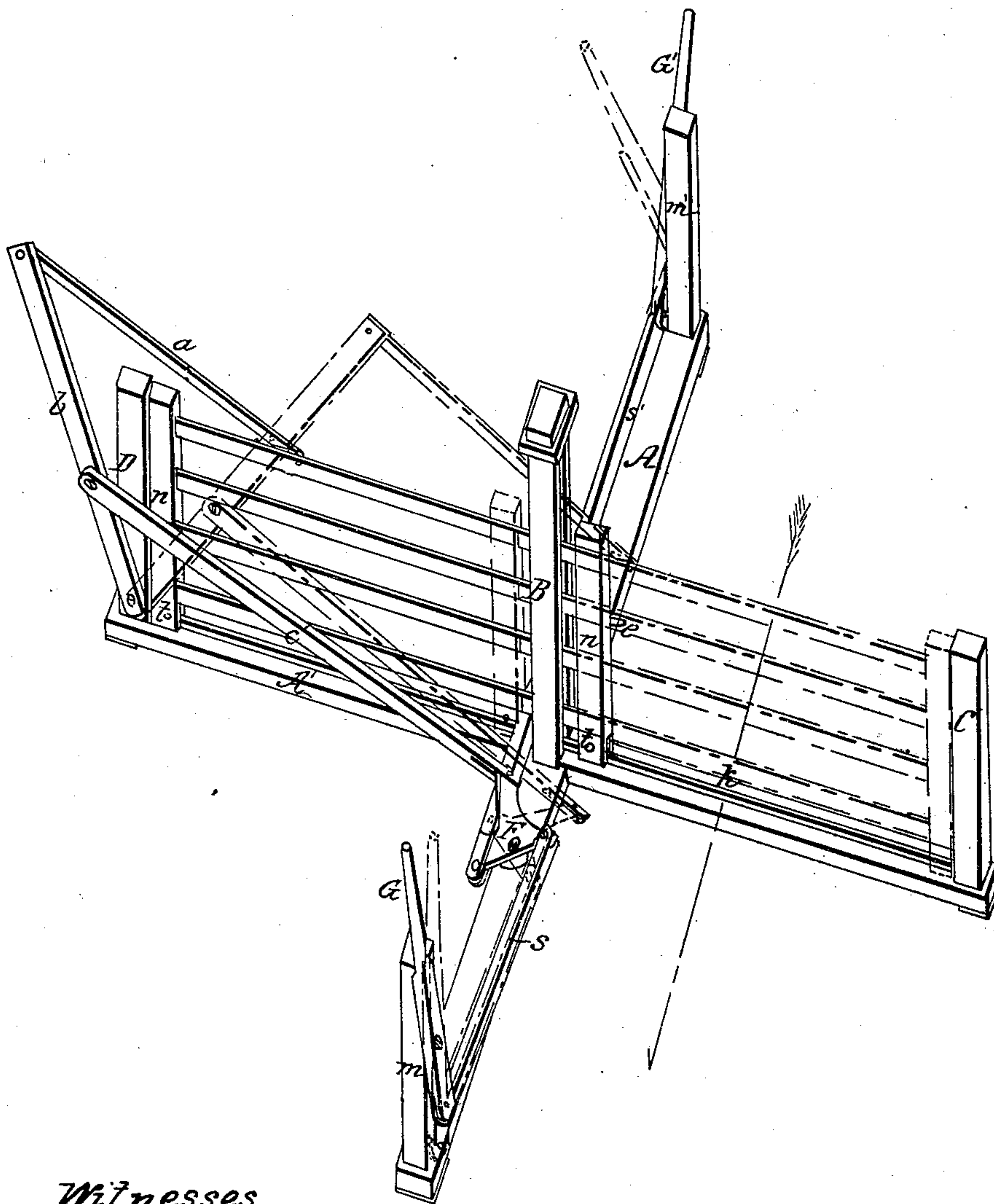


O. E. SEYMOUR.

Farm Gate.

No. 84,512.

Patented Dec. 1, 1868.



Witnesses

Henry Connett Jr.

R. H. Burlin

Inventor.
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O. E. SEYMOUR, OF MADISON, INDIANA.

Letters Patent No. 84,512, dated December 1, 1868; antedated September 18, 1868.

IMPROVEMENT IN FARM-GATES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, O. E. SEYMOUR, of Madison, in the county of Jefferson, and State of Indiana, have invented new and useful Improvements in Farm-Gates; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to that class of gates which may be opened or closed by a person on horseback, or in a vehicle, through the medium of levers; and

My improvement consists in the arrangement of a series of levers with a triangular bell-crank, in such a manner that the gate may be opened by sliding it in a direction at right angles to the roadway, the friction being lessened by means of sheaves in the gate-stiles, rolling on a track placed so as to insure that object.

The figure is a perspective view of the gate.

A A' are sills, crossing each other at right angles, as shown.

At their junction is the slotted post B, through which the gate passes.

Along the centre of the sill A' is the track *k*.

The lower ends of the gate-stiles *n n* are slotted for the reception of the sheaves *t t*, which roll on the track *k*.

On the sides of the posts *m m'* are pivoted the hand-

levers G G'. These levers are attached, by means of the connecting-rods *s s'*, with the bell crank F, in the manner as shown, while the third arm of the crank is connected with the lever *b* by the draw-bar *c*.

To the upper end of the lever *b* is pivoted the bar *a*, said bar being connected by a pin with the top bar of the gate.

At *e* is seen a spike, projecting from the front stile of the gate, and which enters a suitable catch or staple on the gate-post C.

The drawing shows the gate open.

By throwing the levers G G' inward the gate is closed, as indicated in red lines.

The direction of the roadway is indicated by the arrow.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The above-described combination, consisting of the hand-levers G G', rods *s s'*, bars *a* and *c*, and lever *b*, used in connection with the triangular bell-crank F, or its equivalent, substantially in the manner and for the purposes as set forth.

O. E. SEYMOUR.

Witnesses:

HENRY CONNETT, Jr.,
R. H. BURLIN.