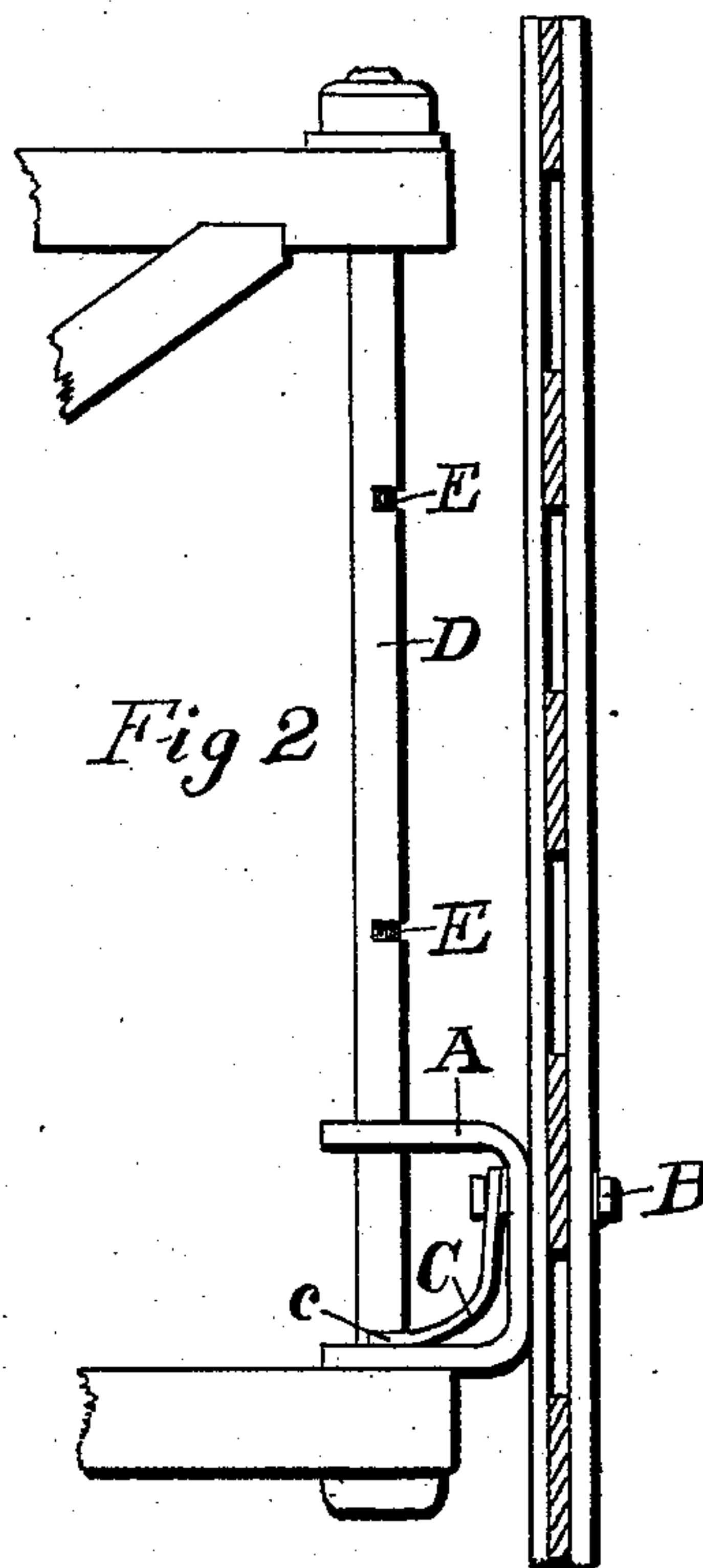
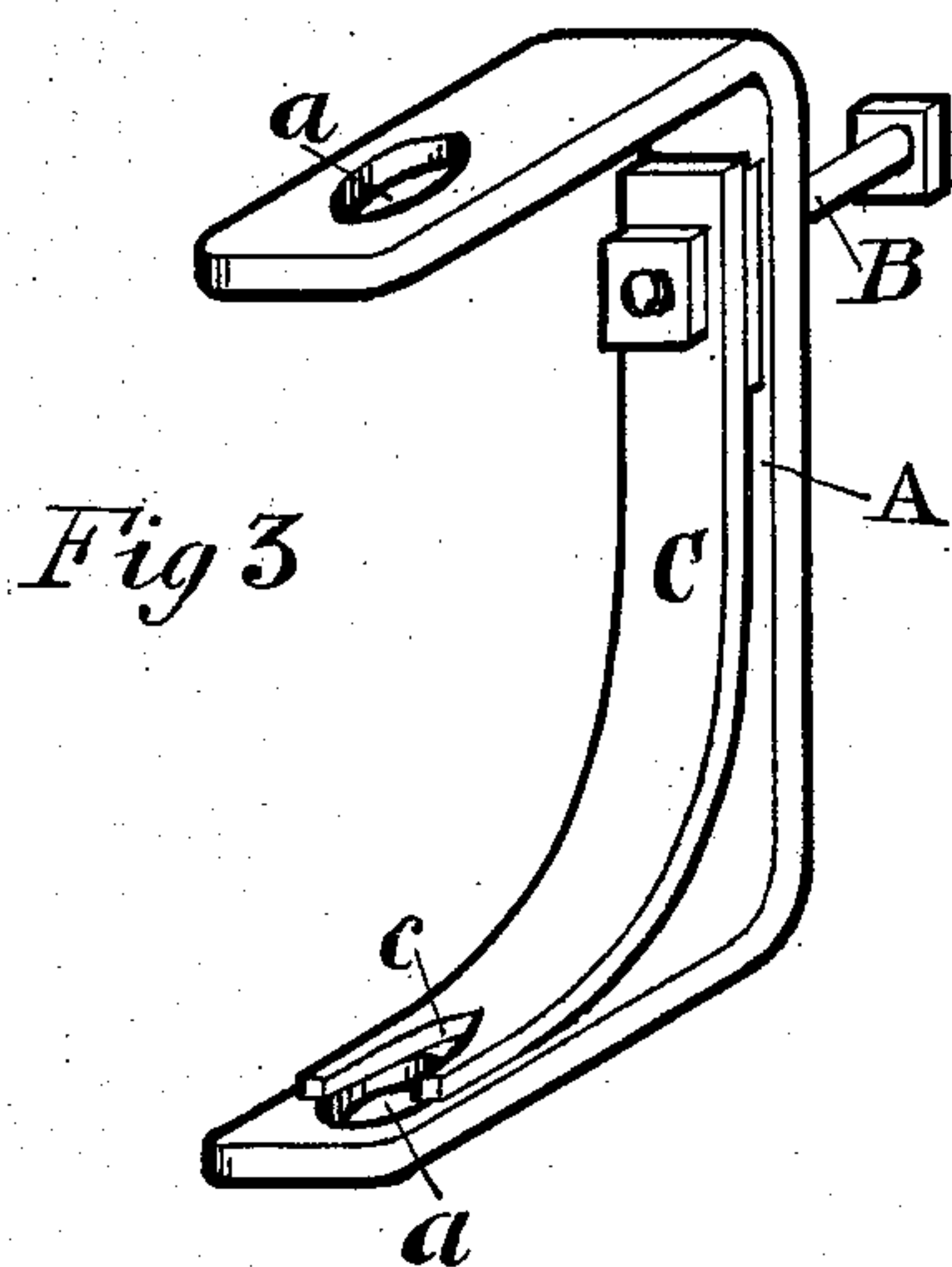
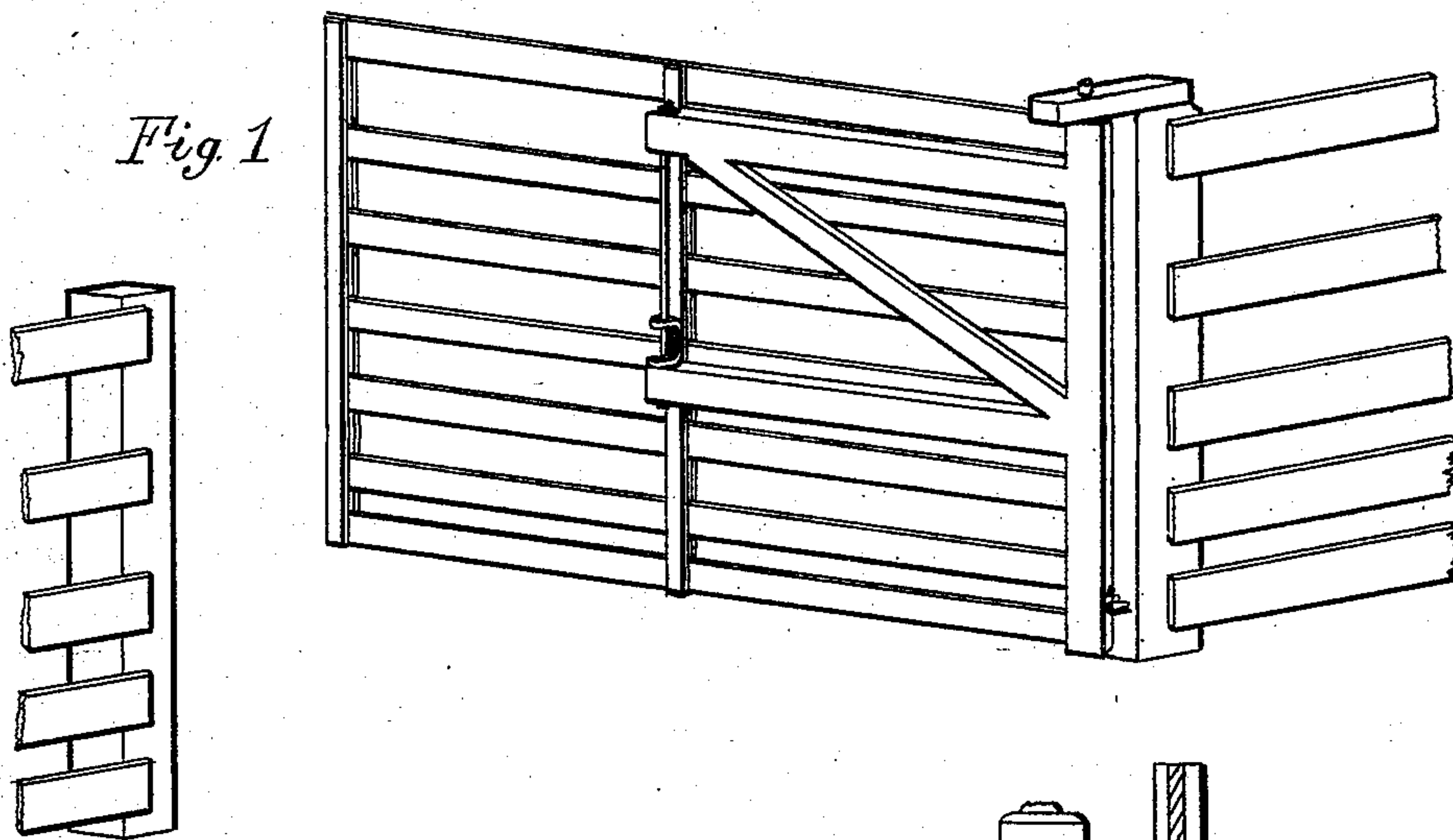


(No Model.)

J. W. PAULEN.  
FARM GATE.

No. 605,063.

Patented May 31, 1898.



Witnesses:-

S. A. Bullard  
Robert A. Bullard

Inventor:-

Jacob W. Pauley

# UNITED STATES PATENT OFFICE.

JACOB W. PAULEN, OF WILLIAMSVILLE, ILLINOIS, ASSIGNOR OF ONE-HALF  
TO G. G. COUNCIL, OF SAME PLACE.

## FARM-GATE.

SPECIFICATION forming part of Letters Patent No. 605,063, dated May 31, 1898.

Application filed March 19, 1898. Serial No. 674,483. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB W. PAULEN, a citizen of the United States, and a resident of Williamsville, in the county of Sangamon, State of Illinois, have invented a new and useful Improvement in Farm-Gates, of which the following is a specification.

My invention relates to the fixtures used in hanging and controlling farm-gates, such as are hung at the middle of the gate to the end of a swinging frame, and provides a way by which the gate may be raised or lowered in a safe and quick manner.

My invention is illustrated by the accompanying drawings, in which—

Figure 1 is a general view of a gate with my invention applied. Fig. 2 is a sectional view across the gate near the middle and shows the side view of my invention. Fig. 3 is an isometric view of my invention omitting the pintle-rod, so as to obtain a better view of the spring.

Similar letters refer to similar parts throughout the several figures.

My invention consists of a clevis A, which is secured to the gate at or near the middle of the latter by the bolt B; the spring C, secured to A at one end and the other resting against the pintle-rod D, and the pintle-rod D at the end of the swinging frame and in which are cut several slots or notches E E. The clevis A moves loosely on the pintle-rod D, the latter passing through the holes in A at *a a*. The lower end of the spring C is notched or forked at *c* and straddles the pintle-rod as A is moved upon D, and the sides of the fork at *c* fall into the notches E E whenever they are reached in the movement of C up or down on D. The clevis A and the gate to which it is attached are thus held at any desired height by the spring C resting in the notches E E, according to the several posi-

tions of E E on D. The notches E E are slightly rounded on their upper sides, so that spring C may be forced out of them without difficulty, but are square on their lower edges, so that the gate will be firmly held up in place when C falls into E.

In ordinary service one end of the gate is grasped when in position, as shown in Fig. 1, and lifted firmly up till spring C falls into the notch E at the height desired. The gate is then brought to a horizontal position by bearing down on the same end, the gate turning in its vertical movement on bolt B as a pivot. To lower the gate, it is grasped near the center and pressed lightly upward till the spring C is partly relieved, and by the finger applied to C it is forced out of the notch E and the gate allowed to descend.

I am aware that there are inventions by which farm-gates hung on a swinging frame are raised and lowered by a ratchet and lever or by a pintle-rod and clamp or pin. I do not, therefore, make my claim broadly; but

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

The combination of a gate; a swinging frame to which the gate is attached, and which has a vertical notched pintle-rod at its outer end; a clevis engaging on the pintle-rod affording both a vertical and a horizontal movement, and connected to the gate, and thus attaching the gate to the swinging frame; a spring attached to the clevis, its unattached end forked and straddling the pintle-rod and pressing against said rod and adjusted to fit into the notches on the pintle-rod substantially as and for the purposes described and set forth.

JACOB W. PAULEN.

In presence of—

S. A. BULLARD,  
ROBT. A. BULLARD.