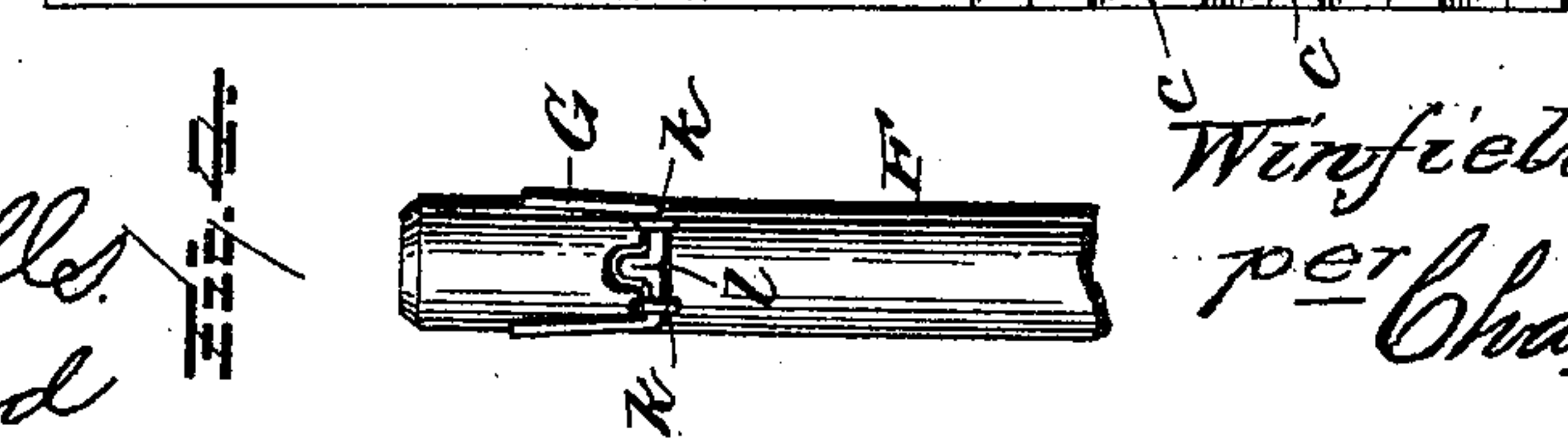
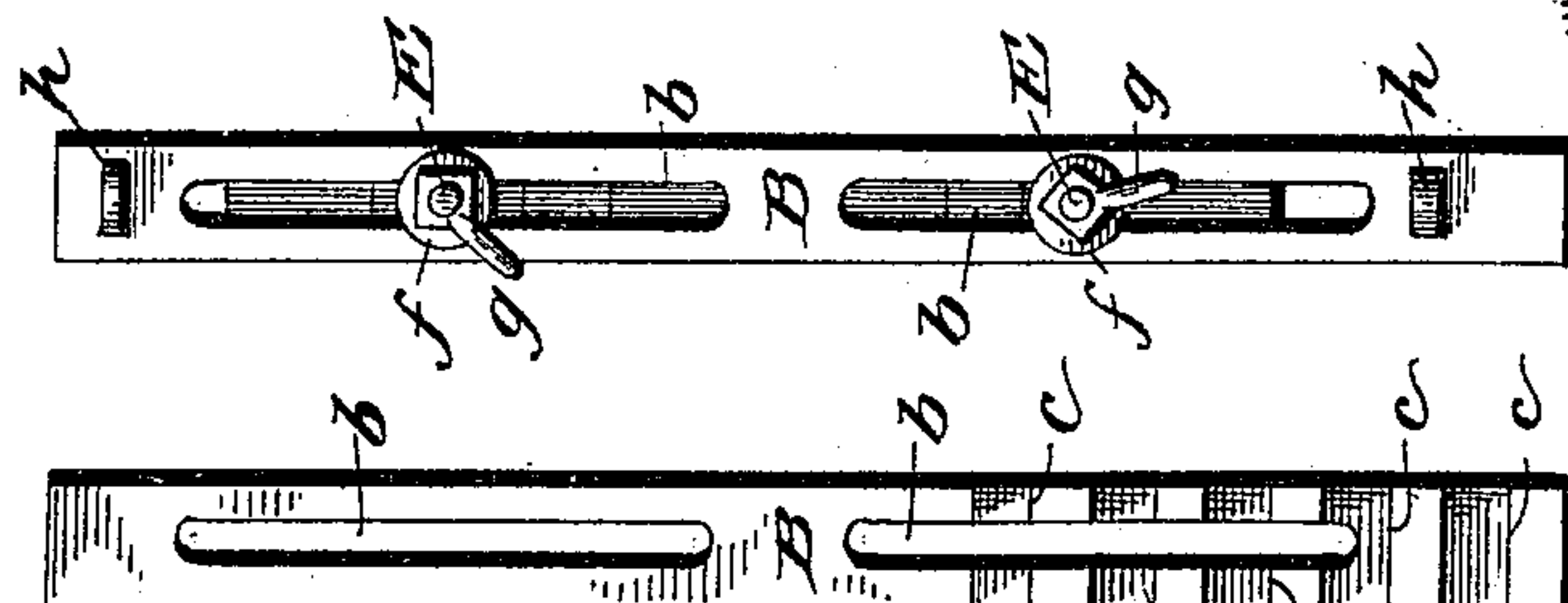
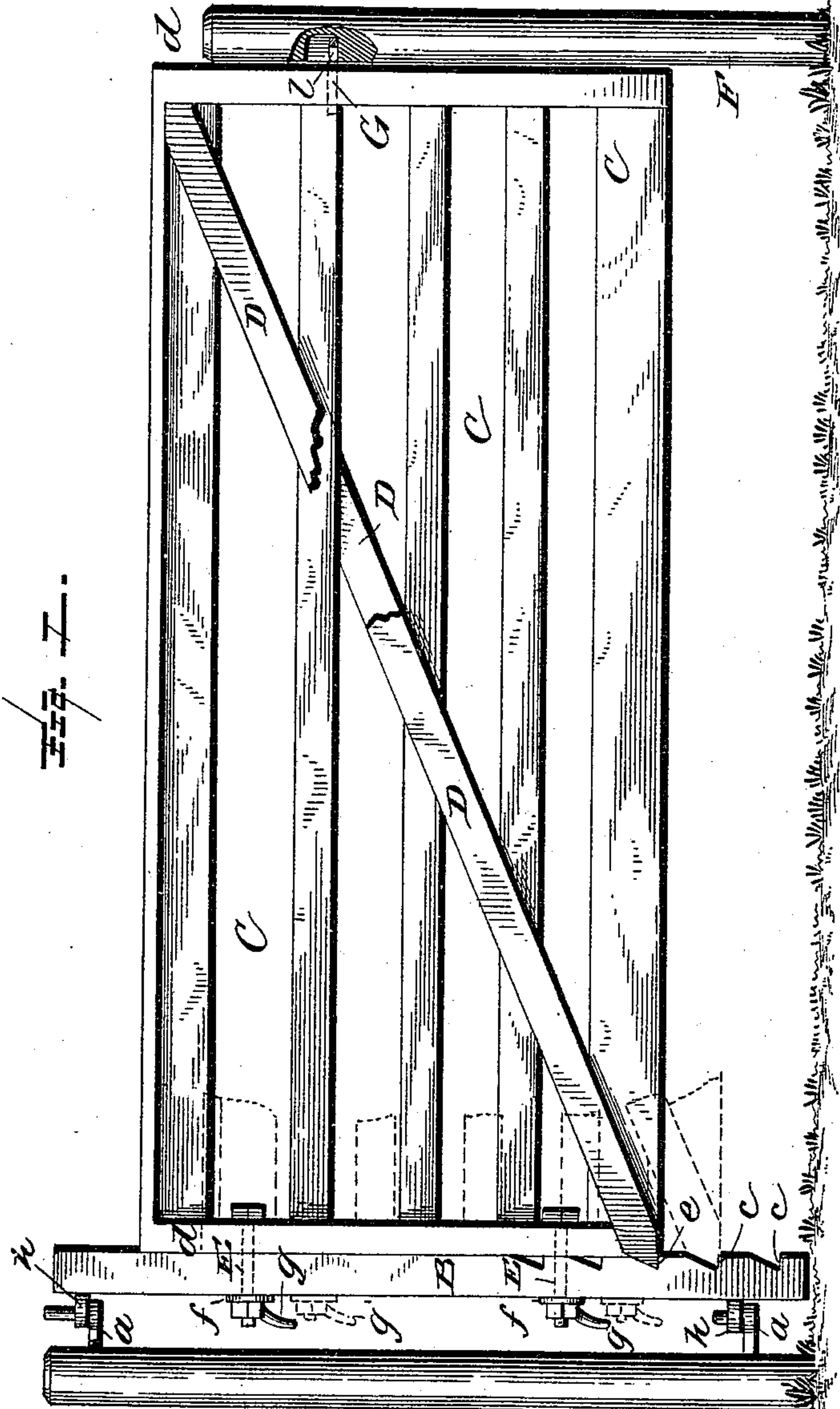


(No Model.)

W. S. DAY.  
FARM GATE.

No. 441,752.

Patented Dec. 2, 1890.



Witnesses  
*L. C. Hille*  
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# UNITED STATES PATENT OFFICE.

WINFIELD S. DAY, OF KINGSLEY, MICHIGAN.

## FARM-GATE.

SPECIFICATION forming part of Letters Patent No. 441,752, dated December 2, 1890.

Application filed May 3, 1890. Serial No. 350,415. (No model.)

*To all whom it may concern:*

Be it known that I, WINFIELD S. DAY, a citizen of the United States, residing at Kingsley, in the county of Grand Traverse and State of Michigan, have invented certain new and useful Improvements in Farm-Gates; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

This invention relates to certain new and useful improvements in farm-gates; and it has for its object to provide a gate which may be readily adjusted vertically and firmly held in any of its adjusted positions. I also provide a catch for holding the gate closed, which catch is adapted to hold the gate in any of its adjusted positions vertically.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claims, the novelty residing in the peculiarities of construction and the combinations, arrangement, and adaptation of parts, as more fully hereinafter described, shown in the drawings, and particularly pointed out in the claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a side elevation of a gate embodying my invention. Fig. 2 is a face view of the gate-supporting bar, detached from the hinge-post, with the gate attached thereto. Fig. 3 is an inner face view of the gate-supporting bar. Fig. 4 is a side view of the latch-post, showing the catch.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates the fixed hinge-post, which is provided with the usual hinge-pins *a*.

B is the gate-supporting bar, which is vertically slotted, as at *b*, and upon the face farthest from the post and near its lower end notched, as shown at *c*, the notches having a horizontal lower wall and inclined from top to bottom, as clearly shown in Fig. 1.

C is the gate, composed of the end bars *d*, the longitudinal rails and top bar, and the diagonal brace-bars D, the lower ends of which extend beyond the vertical bar of the gate at the hinge end thereof, as shown in Fig. 1, and are cut upon a bevel, as shown at *e*, to engage the notches of the gate-supporting bar.

E are bolts, which pass through the hinge-end vertical bar of the gate with their heads upon the outer face thereof, and these bolts pass through the slots of the gate-supporting bar, and are provided with washers *f* and thumb-nuts or other suitable devices *g*.

The gate-supporting bar is provided with eyebolts or like devices *h*, by which it is hinged upon the hinge-pins on the gate or hinge post A, as shown.

In practice, when it is desired to raise or lower the gate, all that it is necessary to do is to loosen the thumb-nuts so as to allow the gate to be moved endwise sufficiently to disengage the ends of the brace-bars from the notches of the gate-supporting bar, when it may be raised or lowered to the desired notch, and by screwing up the bolts it will be firmly held in its adjusted position.

F is the latch-post, and G is the latch. It consists of a piece of wire bent into the form of a U, with its cross-bar held to the post by staples *k*, and the arms adapted to embrace the end bar of the gate, the said cross-bar being seated in a groove in the post and provided with a central lip *l*, which serves two functions. It engages the lower wall of the groove and limits the downward movement of the latch to keep it horizontal, and the point of the lip engages the end bar of the gate and more securely holds it.

What I claim as new is—

1. The combination, with the vertically slotted and notched gate-supporting bar, of the gate having a portion to engage said notches, and the horizontal bolts secured in the gate, passed through the slots of the bar, and provided with washers and thumb-nuts, substantially as and for the purpose specified.

2. The combination, with the gate-supporting bar, vertically slotted and notched, of the gate having a diagonal brace, the lower end of which extends beyond the vertical end bar and is formed upon a bevel to engage the

notches of the gate-supporting bar, the bolts secured to the gate and passed through the slots of the said bar, the washers on the bolts, and the thumb-nuts on the bolts, all substantially as shown and described.

5 3. The combination, with a vertically-adjustable gate, of the latch-post and the latch pivoted thereto, with arms to embrace the end bar of the gate, and with a lip to engage  
10 the face of said end bar and to limit the

downward movement of the latch, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WINFIELD S. DAY.

Witnesses:

C. A. SAVAGE,

EMMA D. EDWARDS.