

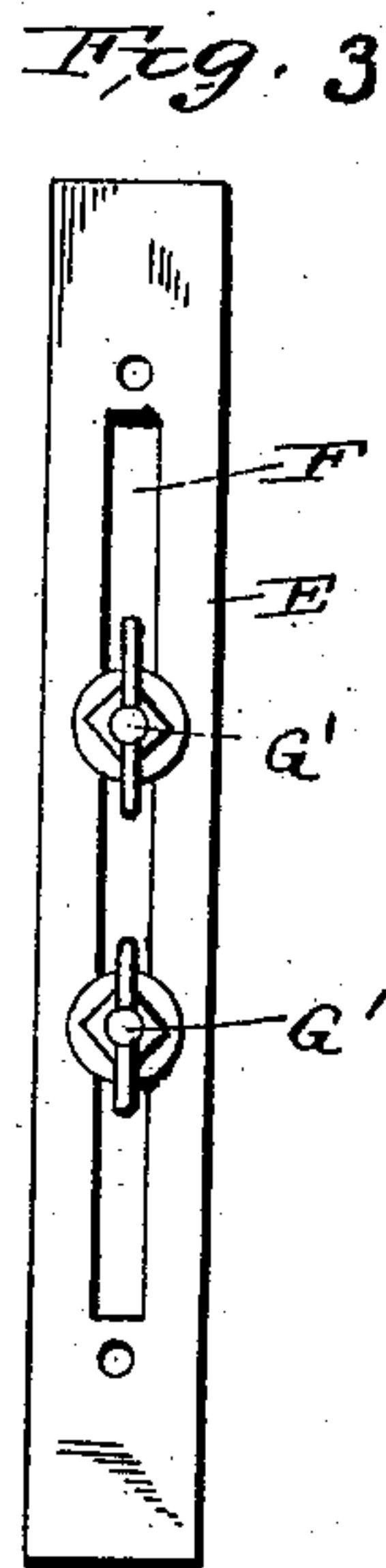
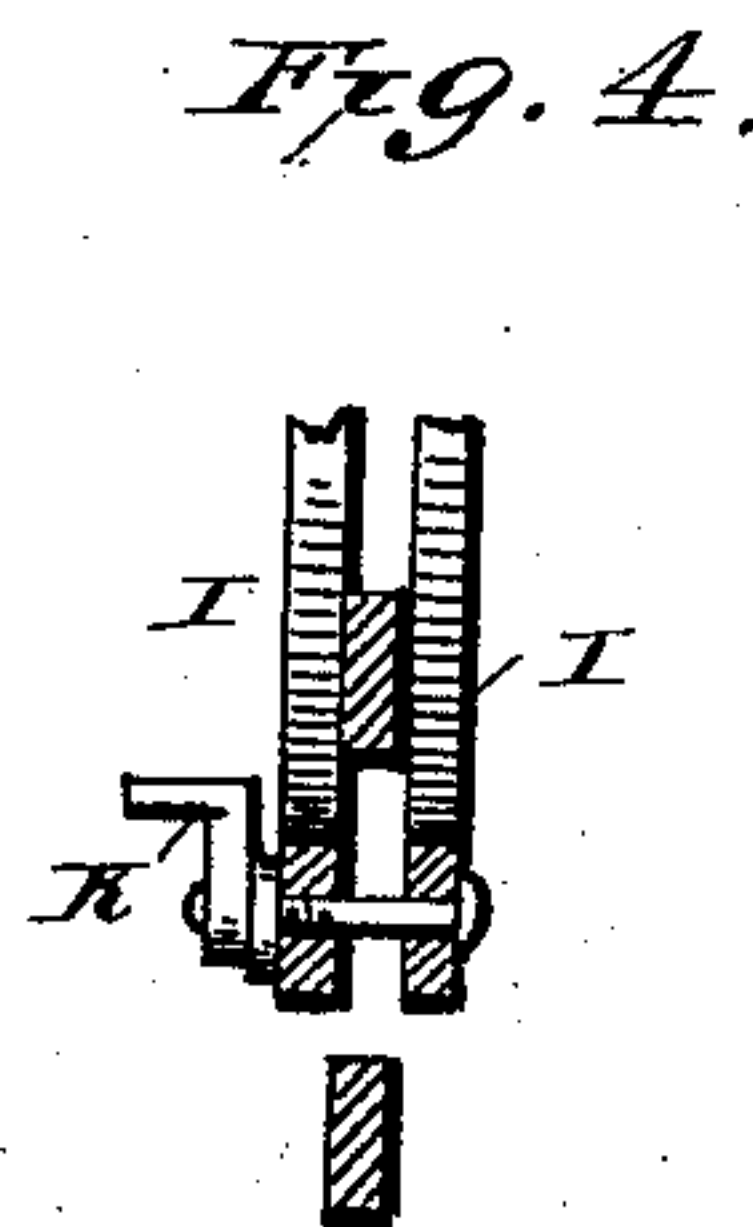
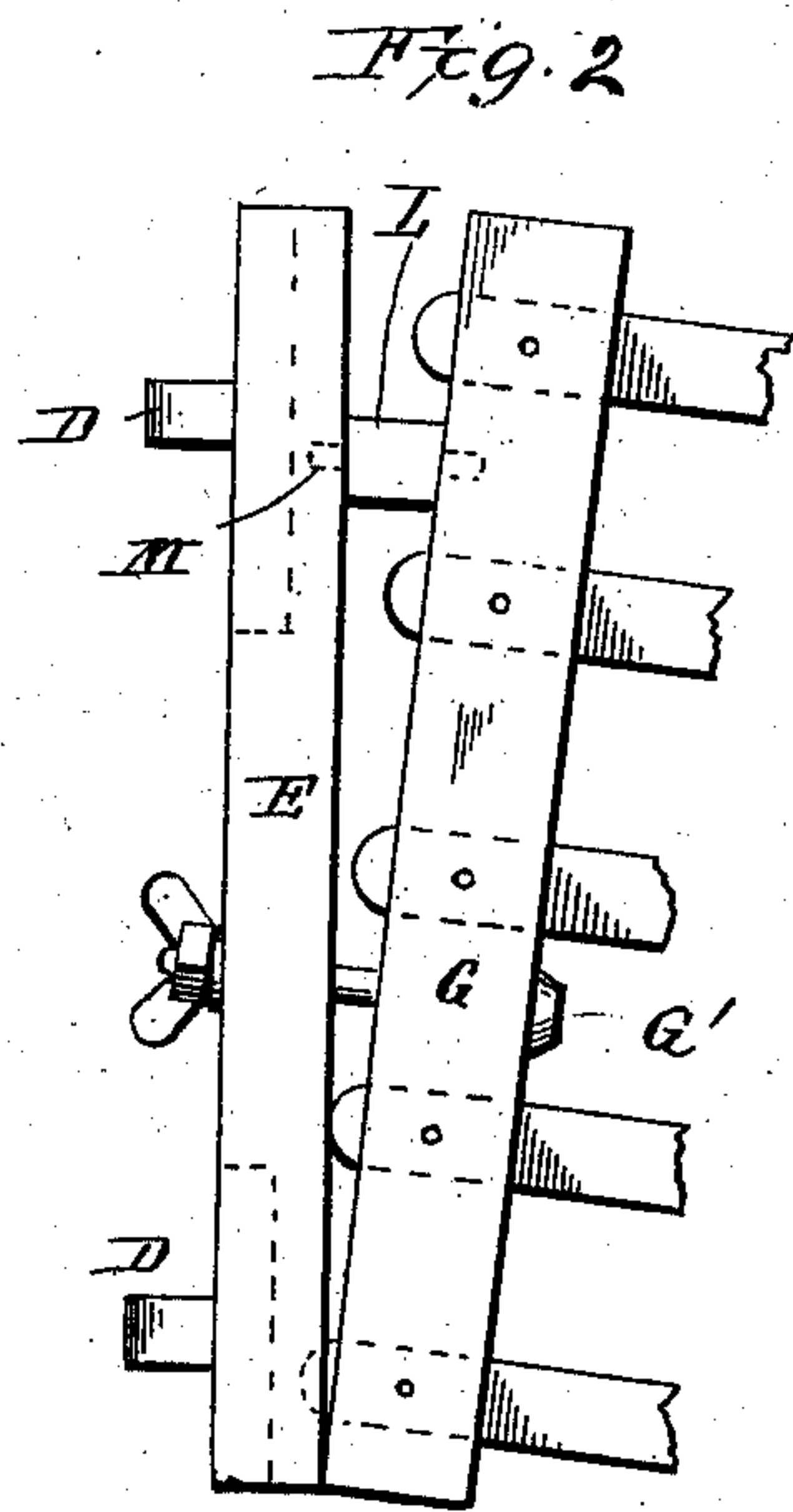
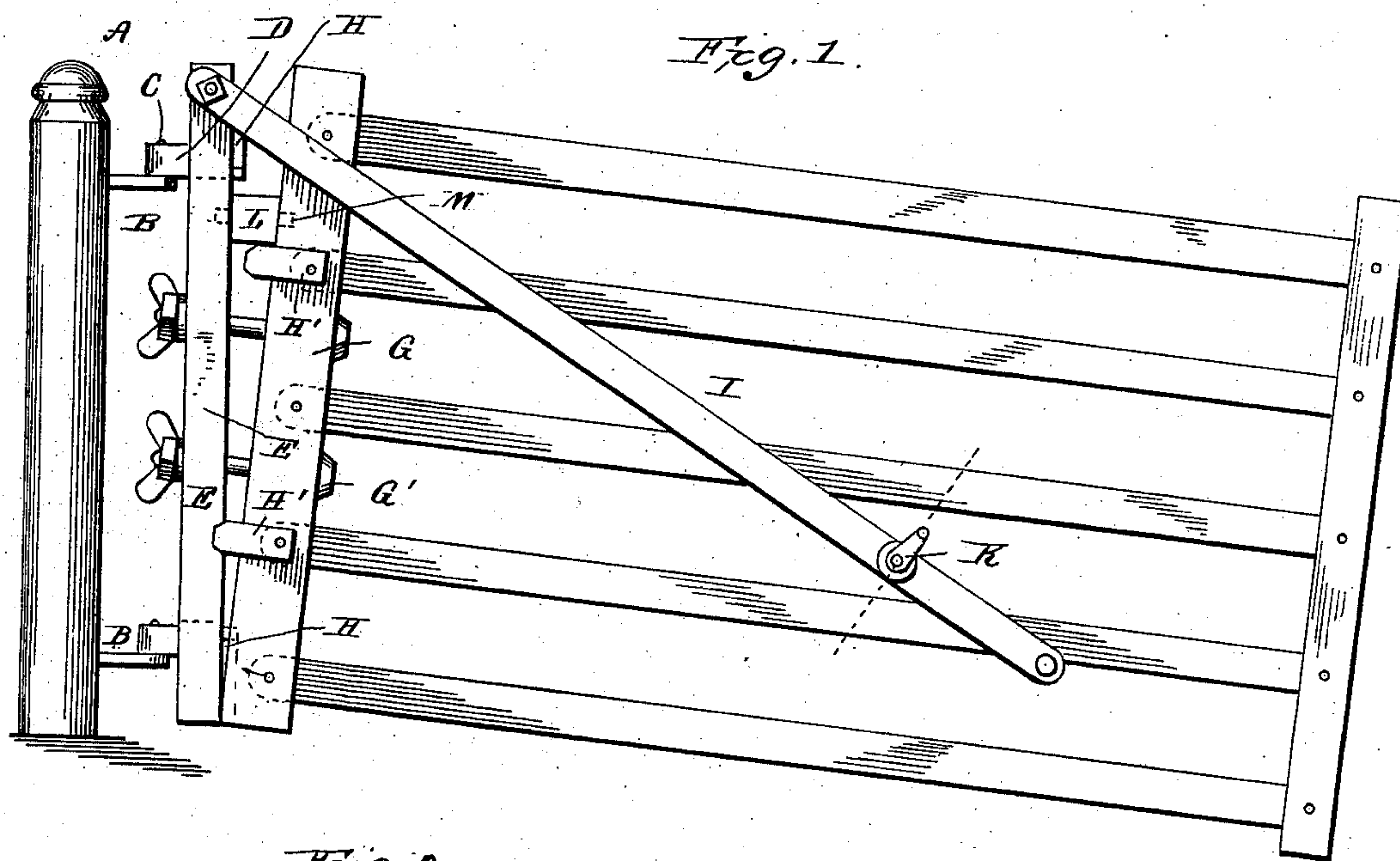
(No Model.)

I. L. LANDIS.

GATE.

No. 291,206.

Patented Jan. 1, 1884.



Witnesses,  
Edwin L. Jewell.  
J. J. McCarthy.

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# UNITED STATES PATENT OFFICE.

ISRAEL L. LANDIS, OF LANCASTER, PENNSYLVANIA.

## GATE.

SPECIFICATION forming part of Letters Patent No. 291,206, dated January 1, 1884.

Application filed May 15, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, ISRAEL L. LANDIS, a citizen of the United States, residing at Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Gates, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain improvements in adjustable gates; and it has for its objects to provide for elevating the gate vertically and holding it in an elevated position, as more fully hereinafter specified. These objects I attain by the means illustrated in the accompanying drawings, in which—

15 Figure 1 represents a side elevation of my improved gate entire; and Fig. 2, a partial side elevation, showing a modification of the same. Fig. 3 represents an end view of the gate, looking toward the rear of the bar E. Fig. 4 represents a section taken through the dotted line, as shown in Fig. 1.

25 The letter A indicates the gate-post, which may be of the ordinary or any approved construction, and which has secured to it the brackets B, provided with pintles C, over which are set the wings D, which are secured to the vertical rear bar, E, of the gate. The said bar is slotted vertically, as indicated by the letter F.

35 The letter G indicates two vertical bars, between which the rear ends of the horizontal bars of the gate are secured. The said vertical bars are secured to the hinged vertical bar before mentioned by means of the screw-bolts G', one or more of which may be employed, as may be desired. The bar E is provided with longitudinal lugs H, which pass between the bars G, and serve as guides in elevating the gate vertically. In some cases the rear vertical bar, E, of the gate may be grooved longitudinally, and the ends of the horizontal bars may be made to project into the groove and serve as guides.

45 The vertical bars G may be provided with lateral lugs H', which embrace the sides of the bar E, and serve as guides in elevating the gate.

50 This gate may be provided with oblique bars, I, which are provided with a clamping-bolt

and crank, K, by means of which the horizontal bars may be secured when the gate is elevated obliquely or depressed obliquely, as illustrated in Figs. 1 and 4 of the drawings. 55

One or more confining-bolts may be employed to secure the gate to the rear hinged bar, and when one alone is employed a wedge, L, is used to hold the parts in position, as indicated in Fig. 2 of the drawings. The wedge, 60 in order to be held securely in place, is preferably provided with lugs or pins M, as indicated in dotted lines in Figs. 1 and 2 of the drawings.

On the same day and date of the present 65 application I made application for Letters Patent for improvements in gates, No. 95,002, in which some of the features herein described were shown in connection with other devices, and such features I do not claim in this appli- 70 cation.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with the vertical hinged 75 bar slotted longitudinally and the rear vertical bars of the gate, of one or more screw-bolts, whereby the gate is secured to the hinged bar, substantially as and for the purposes set forth. 80

2. In combination with the vertical hinged bar and the rear bars of the gate and the connecting-bolt, the wedge provided with lugs or pins, and adapted to sit between the vertical hinged bar and the vertical supporting-bars 85 of the gate, substantially as specified.

3. The combination, with the rear vertically-slotted bar, and the vertical bars to which the rear ends of the horizontal bars of the gate are secured, of the connecting bolt or bolts and the 90 oblique bars, the latter being secured to the rear vertical bar and embracing the horizontal bars of the gate, and the clamping-bolt and crank arranged to hold the gate in any desired adjusted position, substantially as 95 specified.

In testimony whereof I affix my signature in presence of two witnesses.

ISRAEL L. LANDIS.

Witnesses:

J. J. MCCARTHY,  
H. A. COLMAN.