

(No Model.)

T. R. GABEL.
RATCHET TRACK JACK.

No. 411,411.

Patented Sept. 17, 1889.

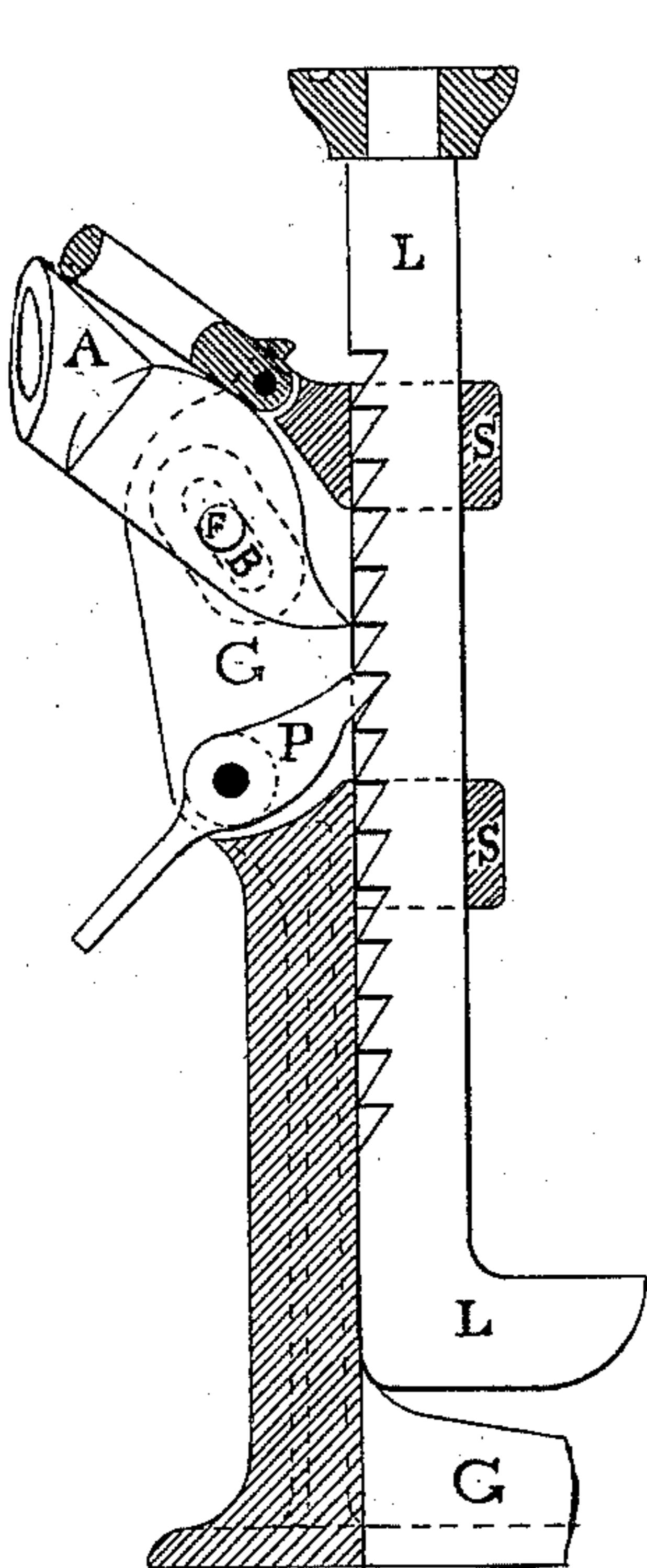


FIG. 1.

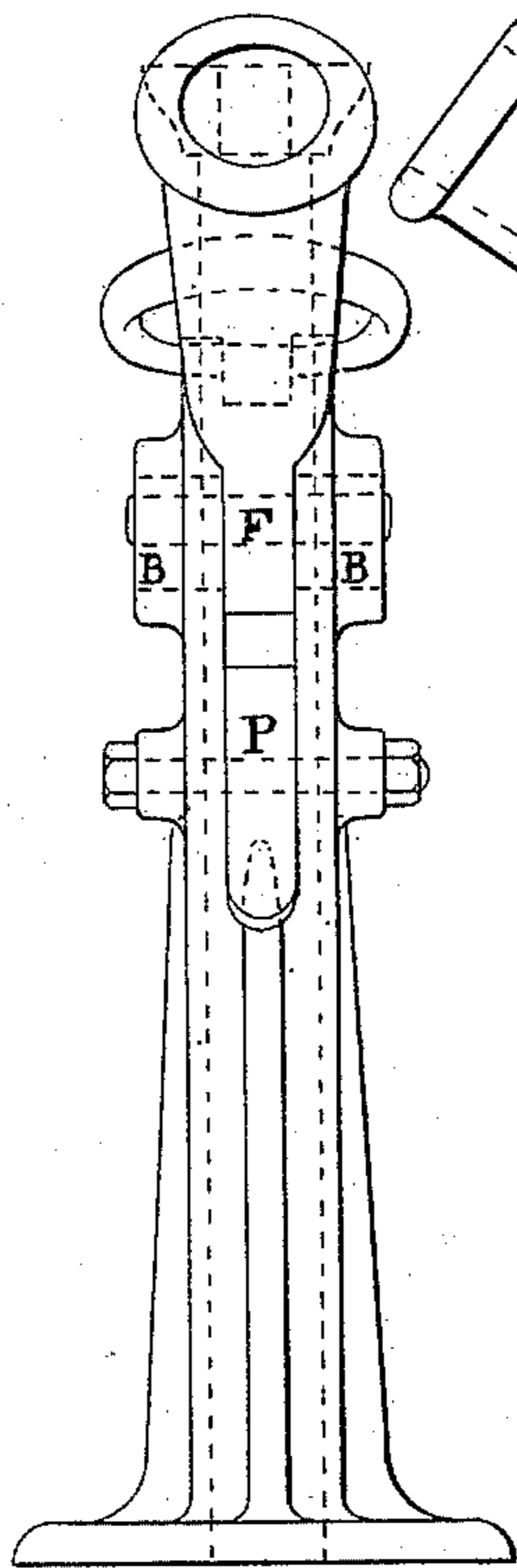


FIG. 2.

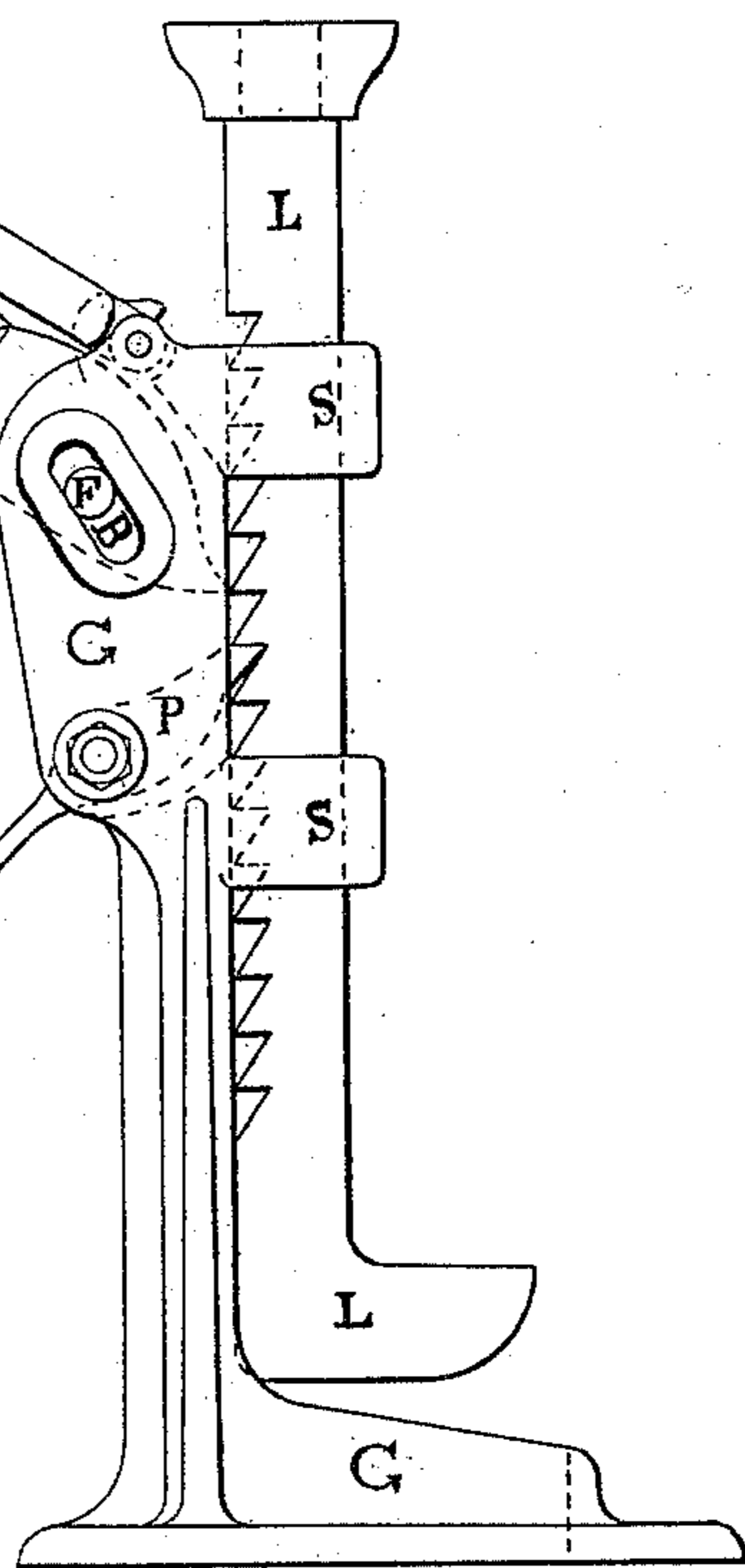


FIG. 3.

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WITNESSES:

Thomas R. Gabel

INVENTOR

UNITED STATES PATENT OFFICE.

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RATCHET TRACK-JACK.

SPECIFICATION forming part of Letters Patent No. 411,411, dated September 17, 1889.

Application filed June 24, 1889. Serial No. 315,443. (No model.)

To all whom it may concern:

Be it known that I, THOMAS RING GABEL, a citizen of Canada, residing at Albuquerque, in the county of Bernalillo and Territory of New Mexico, have invented certain new and useful Improvements in Ratchet Track-Jacks, of which the following is a description.

The object of my invention is to do away with the necessity of spring-coils or other complications incident to track-jacks. This I accomplish by means of the lifting-bar L, sliding in the guides S, the lever A, having its fulcrum F sliding in the slots B, the end of which lever engages with the rack in the lifting-bar L. By depressing the lever A the lifting-bar L is raised until the pawl P, by reason of its own weight, drops into place one notch directly under point of lever A and sustains the weight on lifting-bar L. By placing the foot on the end of pawl P it withdraws the point of the pawl from the rack in the lifting-bar L and allows the lifting-bar to fall into position at the base of the frame G.

Figure 1 represents a part sectional eleva-

tion of jack, showing the lifting-bar L sliding in the guides S, which guides are a part of the frame G, the lever A, having its fulcrum F sliding in the slots B and the end thereof engaging with the rack in the lifting-bar L, the pawl P also engaging with the rack in the lifting-bar L. Fig. 2 represents a back view of the jack. Fig. 3 represents a full side elevation of the jack.

Having thus described my improvements, I claim—

1. The combination, with the upright frame G, having the loops or guides S projecting laterally therefrom, of the lifting-bar L, substantially as set forth.

2. The combination, with the upright frame having the slotted bearings for the lever, of the said lever engaging therewith and with the lifting-bar, and the pawl P, substantially as described.

THOMAS RING GABEL.

Witnesses:

WILLIAM C. HAZLEDINE,
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