

(No Model.)

J. T. SARGENT.

GATE.

No. 398,189.

Patented Feb. 19, 1889.

Fig 1.

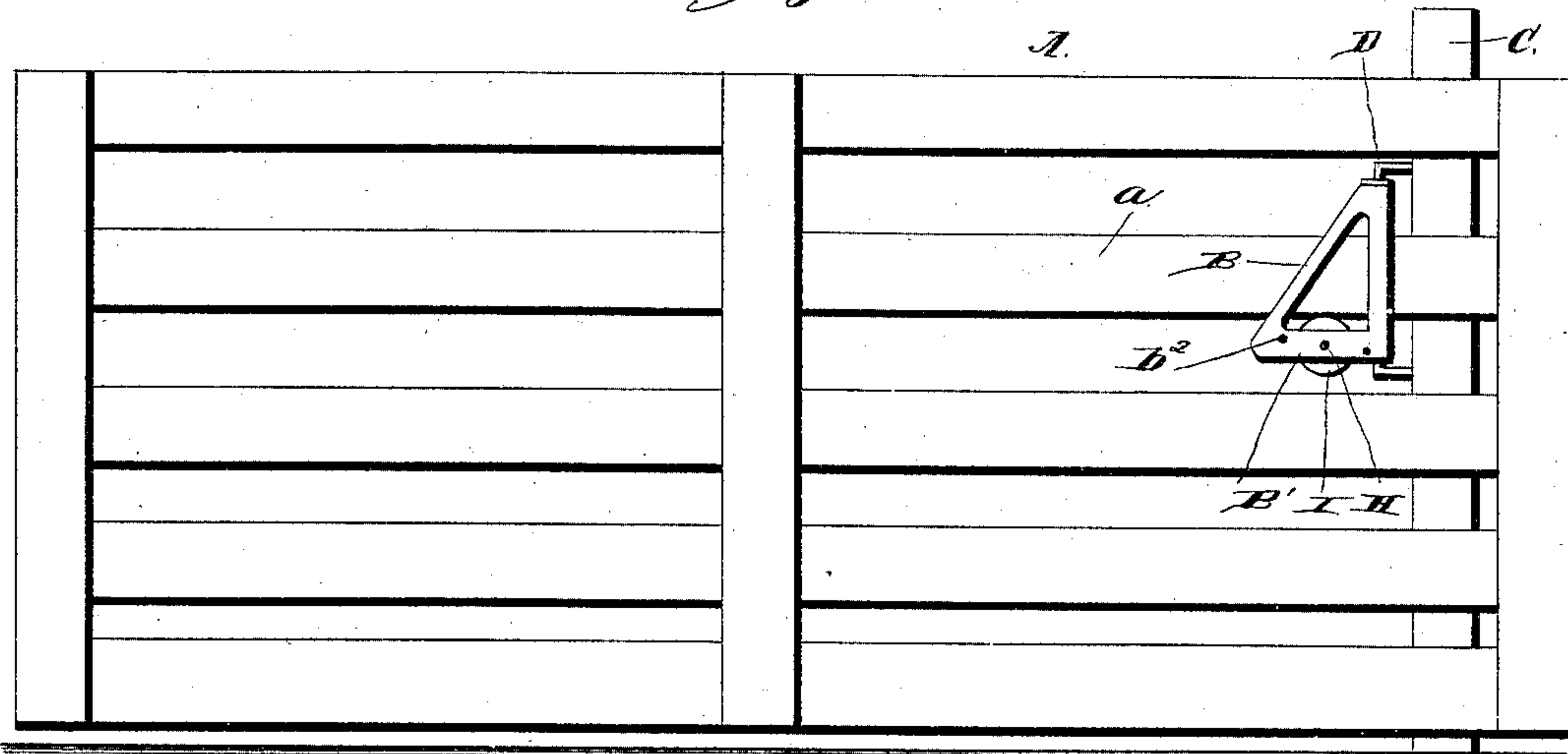


Fig 2.

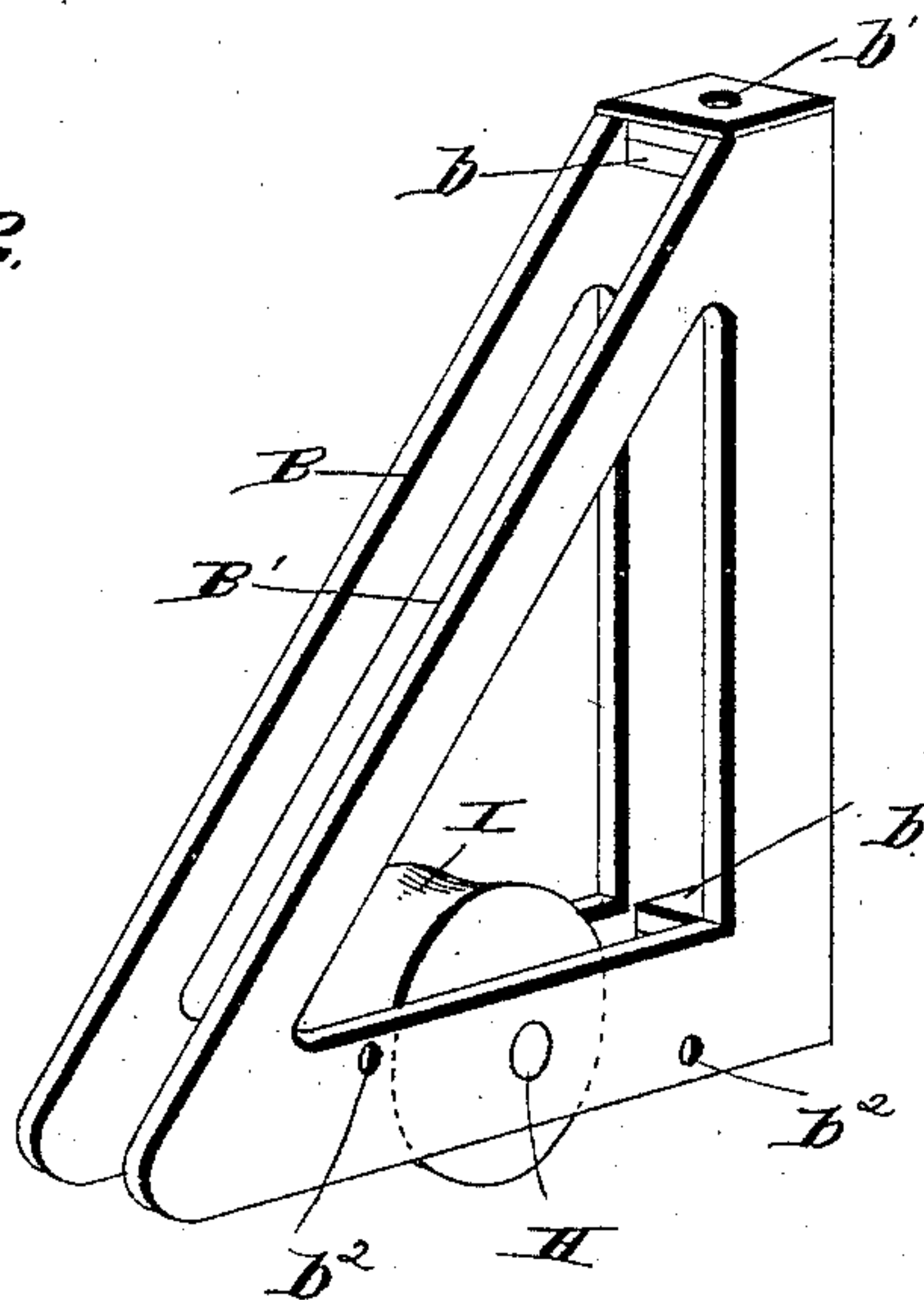


Fig 3.

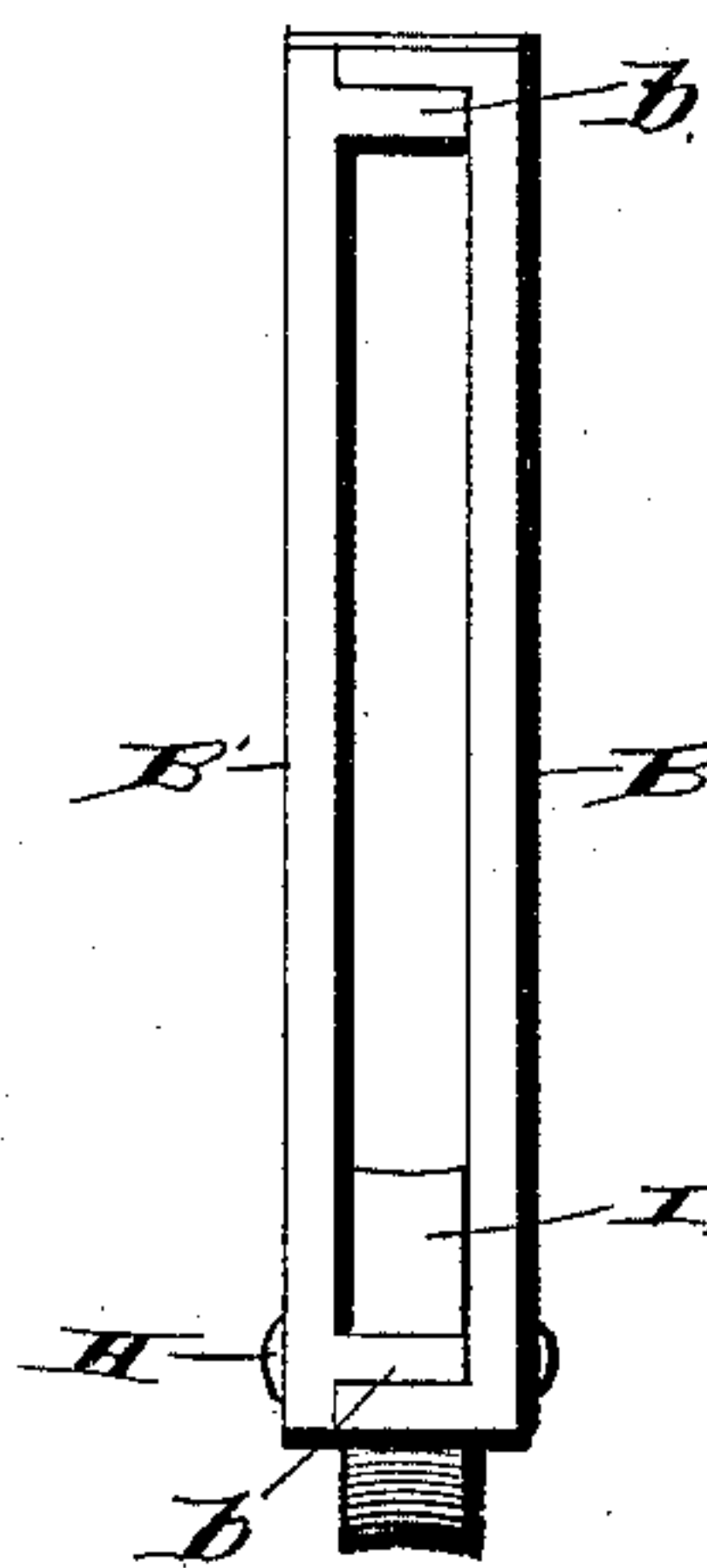


Fig 5.

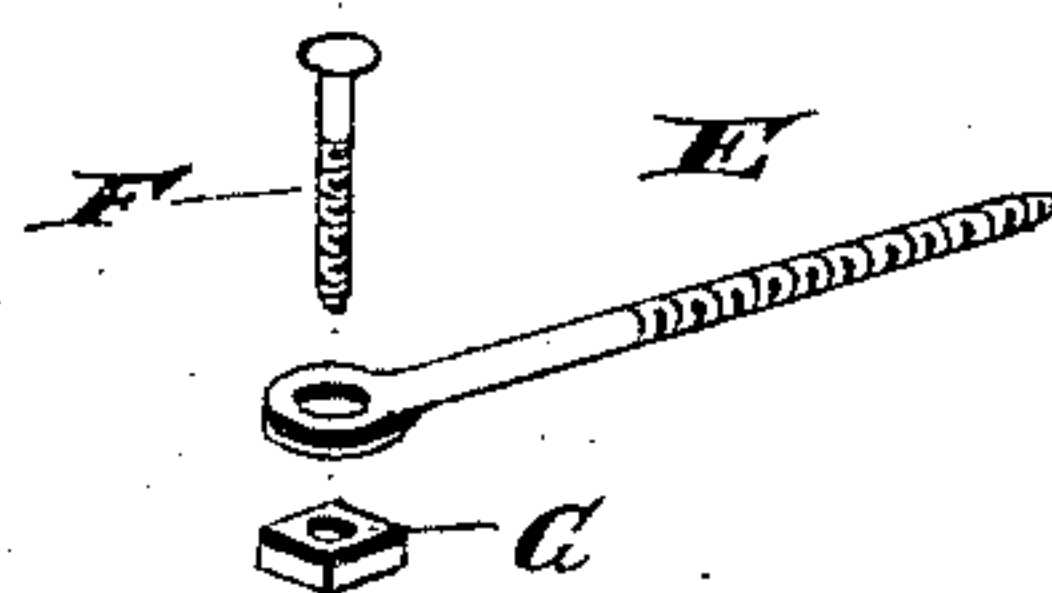
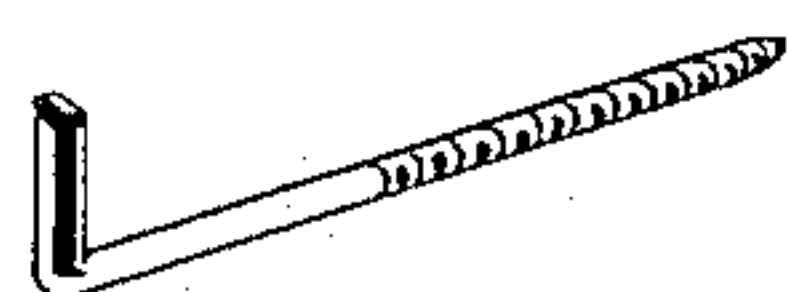


Fig 4.



Witnesses.

Geo. G. Prope.
J. F. Perry.

Inventor,

Jacob T. Sargent.

By *his* Attorneys.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

JACOB T. SARGENT, OF CARLINVILLE, ILLINOIS.

GATE.

SPECIFICATION forming part of Letters Patent No. 398,189, dated February 19, 1889.

Application filed August 16, 1888. Serial No. 282,862. (No model.)

To all whom it may concern:

Be it known that I, JACOB T. SARGENT, a citizen of the United States, residing at Carlinville, in the county of Macoupin and State of Illinois, have invented new and useful Improvements in Gates, of which the following is a specification.

My invention relates to improvements in sliding and swinging gates.

The object of the present invention is to improve and lessen the cost of the construction of sliding and swinging gates and render them more durable and easily operated.

The invention consists in the novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a side elevation of a gate provided with a hanger constructed in accordance with this invention. Fig. 2 is a perspective view of the hanger. Fig. 3 is an end view of the hanger, illustrating the manner of securing the parts together. Figs. 4 and 5 are detail views of the bolts employed in securing the hanger to the fence-post.

Referring to the drawings, A designates a gate of any desired construction and having a cross-bar, *a*, which slides in a hanger, B, that is hinged to a fence-post, C, to enable the gate to swing at right angles to the fence after sliding back a sufficient distance—preferably half its length.

The hanger B is constructed of suitable metal—preferably cast-iron—and consists of two triangular side pieces, B', which are provided at their upper and lower ends with lugs *b*, which overlap and have suitable registering openings, *b'*, through which pass the ends of angle-bolts D, that secure the parts together and also secure the hanger to the fence-post C. Instead of employing angle-bolts, eyebolts E may be used, and then extra bolts, F, and nuts G are used to secure the hanger to the fence-post; and I desire it to be understood that I do not limit myself to the precise details of construction herein shown and de-

scribed, as I may, without departing from the spirit of the invention, make any minor changes therein.

The lower sides of the triangular side pieces, B', are provided with a series of holes, *b''*, which are arranged at different heights and register, and are adapted for the reception of a suitable axle, H, upon which rotates a roller, I. By this construction the hanger is not weakened at any one point by the perforations, and the gate may be adjusted in case of sagging to keep that portion of the gate directly beneath the point of support free from the ground, thereby enabling the gate to be slid back and forth without coming in contact with the ground, and it may be lifted over piles of snow and any other obstructions, and may when closed be elevated from its normally horizontal position to permit the passage of sheep or the like.

From the foregoing description and the accompanying drawings the construction, operation, and advantages of the invention will readily be understood.

Having described the invention, what I claim is—

1. A hanger for sliding and swinging gates, consisting of the side pieces secured together and provided in their lower sides with a series of holes arranged at different heights, and a roller adapted to be secured in any of the holes to raise and lower the gate, substantially as described.

2. A hanger for sliding and swinging gates, consisting of the side portions provided with overlapping lugs adapted to receive a bolt to secure the portions together and to a post and having a series of holes arranged at different heights along their lower sides, and a roller adapted to be secured in said holes, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JACOB T. SARGENT.

Witnesses:

W. H. STEWARD,
M. L. KEPLINGER.