(No Model.)

R. P. PALMENBERG.

BRACKET.

No. 397,748. Patented Feb. 12, 1889.

Fig. 1.

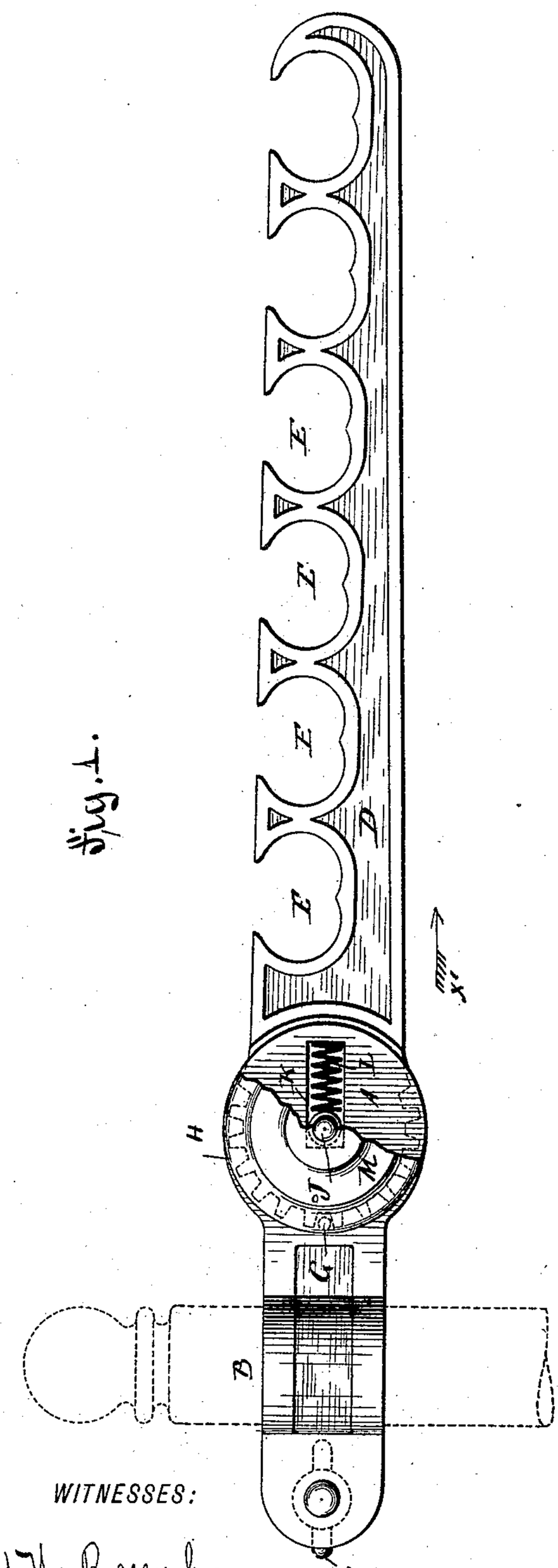
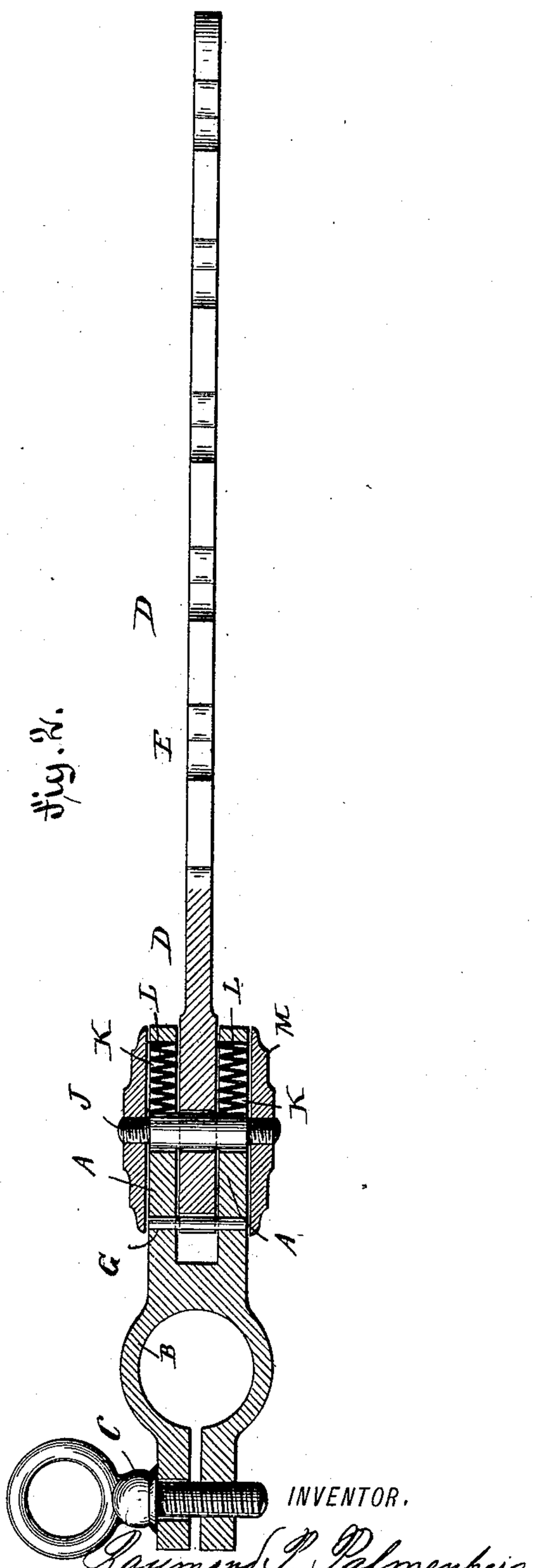


Fig. 2.



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BRACKET.

SPECIFICATION forming part of Letters Patent No. 397,748, dated February 12, 1889.

Application filed December 8, 1888. Serial No. 293,044. (No model.)

To all whom it may concern:

Be it known that I, RAYMOND P. PALMENBERG, of the city, county, and State of New York, and a citizen of the United States, have invented certain new and useful Improvements in Adjustable Brackets, of which the following is a specification.

This invention relates to brackets for supporting the rods from which articles are suspended which are to be displayed in show-windows, stores, show-cases, &c.

The object of my invention is to provide a bracket of this kind which can readily be adjusted at any desired inclination by using one hand only, and which, when unlocked and then released, locks itself automatically.

In the accompanying drawings, Figure 1 is a side view of my improved bracket, parts being broken out. Fig. 2 is a horizontal longitudinal sectional view of the same.

Similar letters of reference indicate corresponding parts.

The two jaws or ears A are made integral with the split spring-socket B, provided with a screw, C, for clamping it on an upright rod from which the bracket is to project. The bracket, which is provided at its upper edge with notches E for receiving rods, is rounded at its inner end and shaped to fit between the jaws A, and said inner rounded end of the bracket is provided with a series of teeth, H, that can engage a transverse pin, G, passed through said jaws. The pintle J, by which the inner end of the bracket D is pivoted between the jaws A, is passed through two slots, K, in the jaws or ears, and between said pintle and the front ends of said slots spiral springs L are interposed, which press the pintle toward the rear ends of the slots, thereby engaging the teeth with the pin G. Disks M are screwed on the ends of the pintle J. When it is desired to swing the bracket up or down, the same is moved in the direction of the arrow x', whereby the teeth H are disengaged from the pin G, thus permitting the bracket to be swung. By moving the bracket in the direction of the arrow x' the springs L are compressed. As soon as the bracket is released, the expanding springs, acting on the pintle J, press the same and bracket in inverse direction of the arrow x' and engage the teeth with the pin G, thereby locking the bracket in place. Whatever the inclination of the bracket may be, as soon as it is released its teeth are at once engaged by the pin.

In case an operator adjusts a bracket and the same slips from his hands, the bracket cannot swing down under the action of the weight bearing on the same, as the brackets used heretofore do, as it is at once locked by the teeth and pin. The operator needs only one hand for adjusting the bracket, as all that is necessary is to pull the same outward and then swing it up or down to the desired position.

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

1. The combination, with a pair of ears or jaws, of a bracket having one end pivoted between said ears or jaws, which bracket is provided on its pivoted end with a series of teeth, a pin held by said jaws and adapted to engage the teeth on the pivoted end of the bracket, and springs acting on the bracket and keeping the teeth on the pivoted end of the bracket in engagement with the above-mentioned pin held by the jaws, substantially as set forth.

2. The combination, with a pair of jaws having slots extending toward the front ends, of a bracket having one end between said jaws, a pivot passed through the bracket and the slots in the jaws, springs placed in said slots between the front ends of the same and the pivot, teeth formed on the pivoted end of the bracket, and a pin on the jaws with which the bracket-teeth can engage, said bracket being provided in its top edge with notches, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

RAYMOND P. PALMENBERG.

Witnesses:
OSCAR F. GUNZ,
HENRY HUBER.