

J. J. SCHNEIDER.

Devices for Attaching Presser-Feet to their Bars.

No. 158,744.

Patented Jan. 12, 1875.

FIG. I.

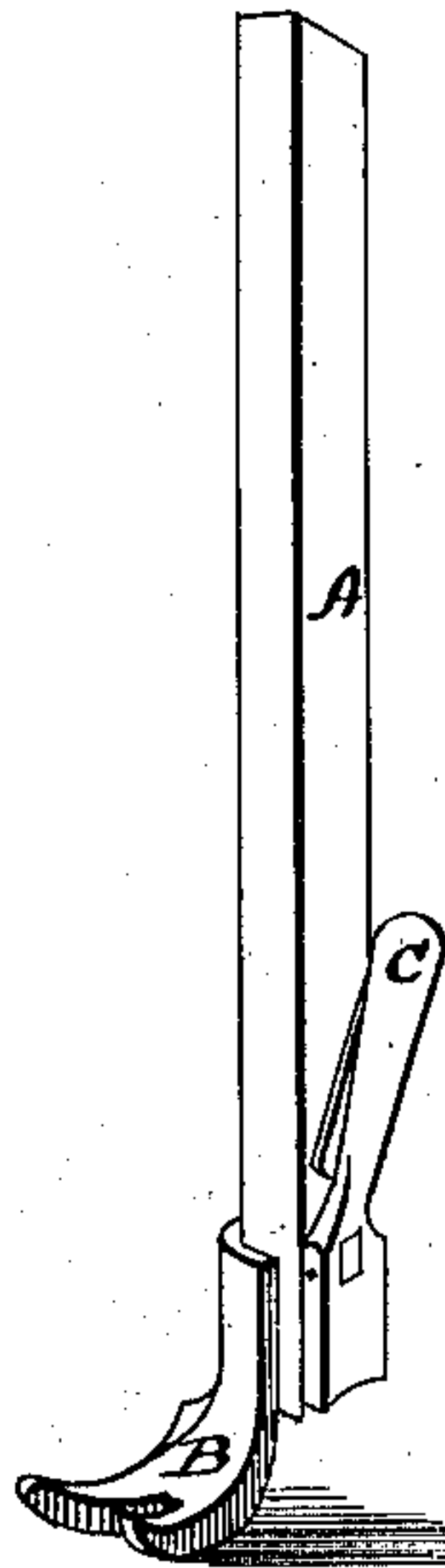


FIG. II.



FIG. III.

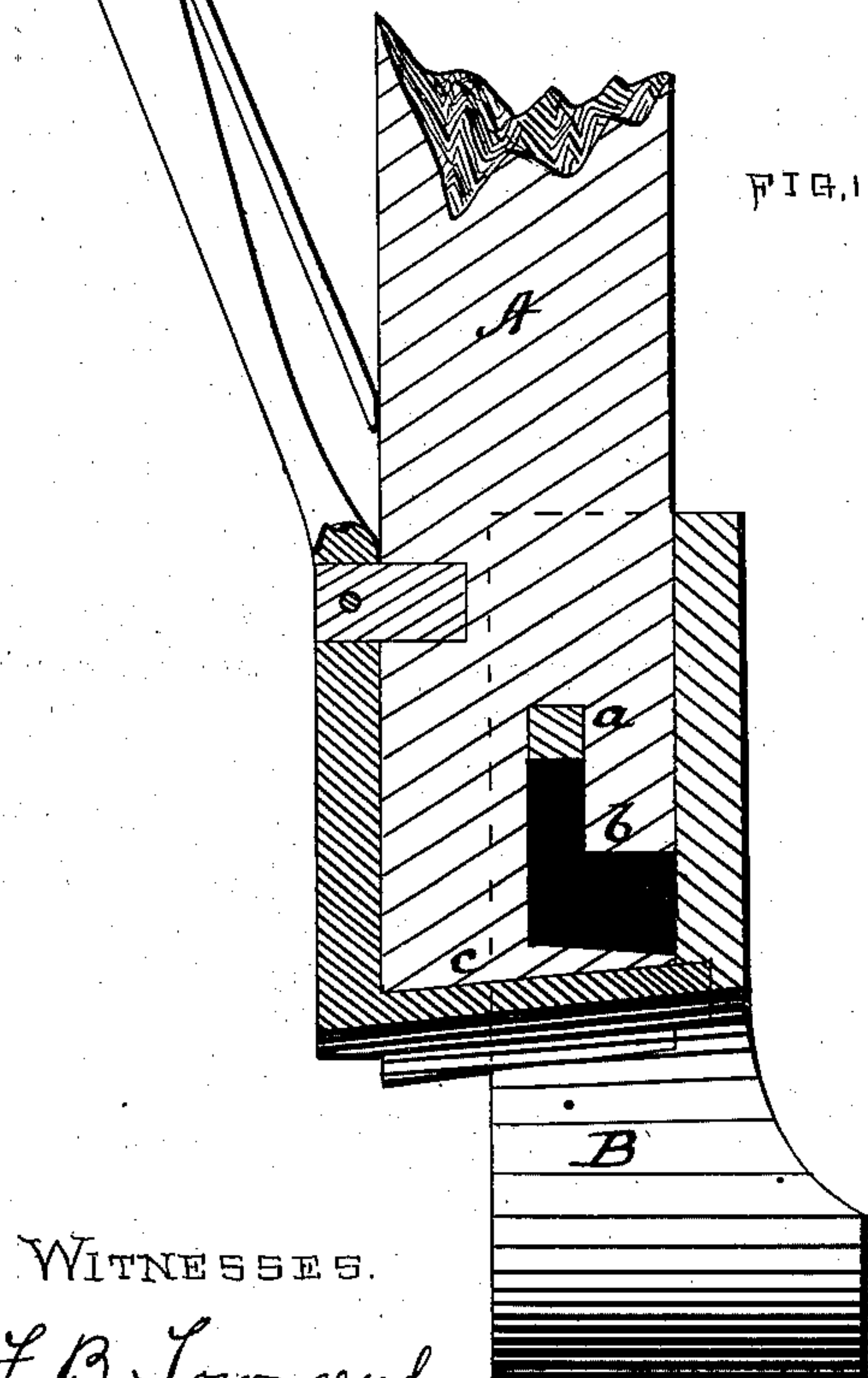
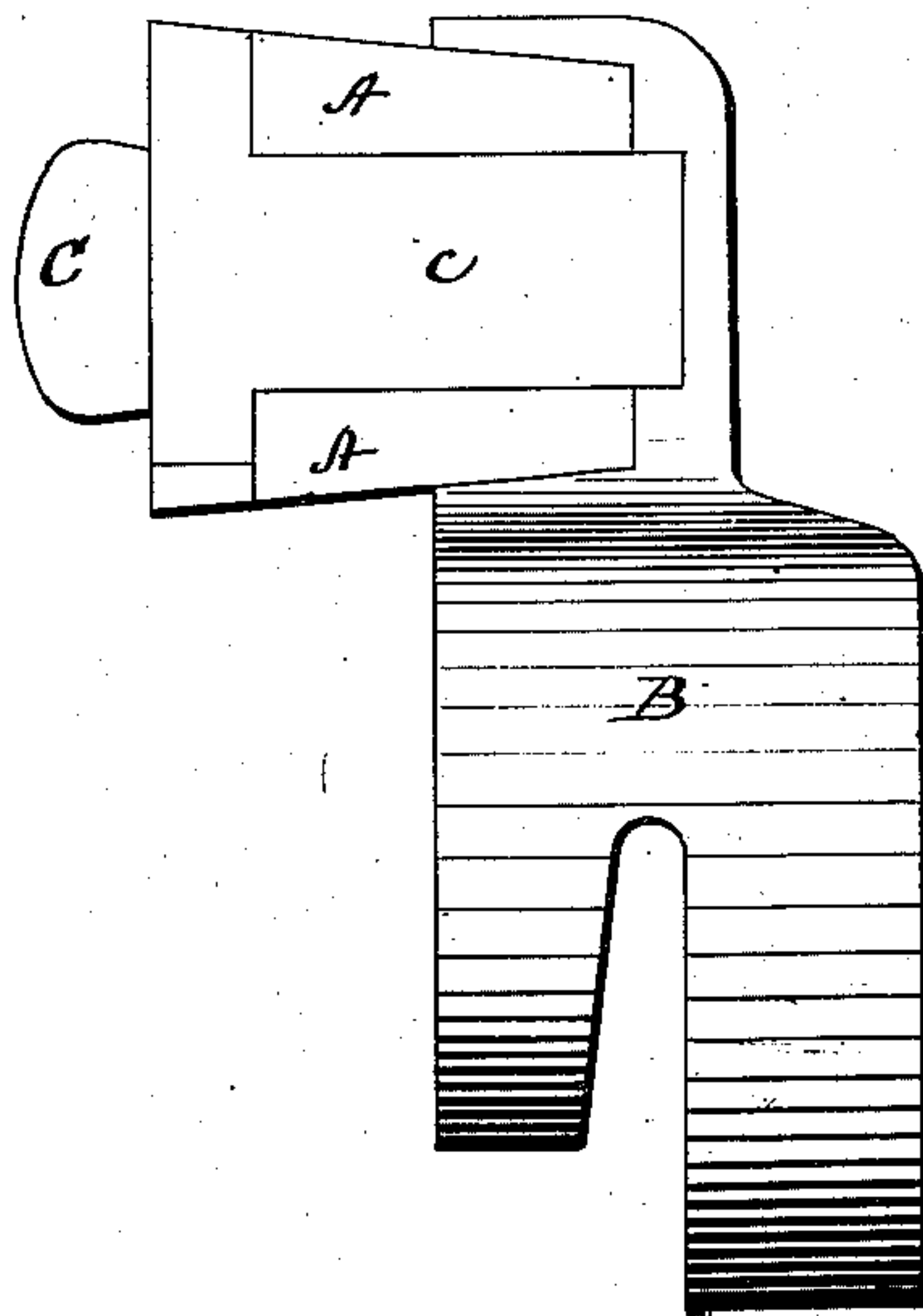


FIG. IV.



WITNESSES.

F. B. Townsend.
Chas. H. Moxon

INVENTOR.

John J. Schneider
Per atty. A. H. Evans & Co.

UNITED STATES PATENT OFFICE.

JOHN J. SCHNEIDER, OF TAYLOR COUNTY, IOWA.

IMPROVEMENT IN DEVICES FOR ATTACHING PRESSER-FEET TO THEIR BARS.

Specification forming part of Letters Patent No. 158,744, dated January 12, 1875; application filed December 15, 1874.

To all whom it may concern:

Be it known that I, JOHN J. SCHNEIDER, of the county of Taylor and State of Iowa, have invented a new and useful Improvement in Devices for Attaching Presser-Feet for Sewing-Machines to their Bars, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a perspective view of a presser-foot with my improvement attached. Fig. 2 shows the presser-foot bar with the presser-foot detached. Fig. 3 is a vertical section. Fig. 4 is a view of the bottom of the device.

My invention has reference to the presser-foot, and all attachments adjustable to the presser-bar, of all the different kinds of sewing-machines, but more particularly the Singer machine, in which the presser-foot is secured by means of a screw, which soon becomes worn and is liable to break, and which is inconvenient to manage in adjusting the presser-foot; and it consists in the combination of the several devices hereinafter described and explained.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the drawings, A represents the presser-foot bar of sewing-machine, and B the presser-foot. Across the hollow shank or upper portion of the presser-foot is secured the small

bar *a*, which fits snugly in the slot *b* in the lower end of the presser-foot bar, first passing through the horizontal portion of the slot, and then fitting in the upper vertical portion, where it is held by the key *c*, operated by the spring-lever C.

By pressing on the lever C, the outer end of the key *c* is thrown down, which allows the presser-foot to be placed in position with the bar *a* in the vertical portion of the slot *b*, and the pressure then being taken from the lever, the key *c* locks the presser-foot securely in place, the outer end of the key resting in a recess in the lower part of the shank of the presser-foot, as shown in Fig. 3.

It is evident, from the above description, that the presser-foot or other attachment can only be removed from the bar by pressing the lever C toward the bar, and thus withdrawing the key *c* from contact with the presser-foot, when the latter can readily be removed.

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

The slotted presser-foot bar A, provided with the spring-lever C and key *c*, in combination with the presser-foot B, having the small bar *a*, substantially as and for the purpose set forth.

JOHN J. SCHNEIDER.

Witnesses:

W. A. GOULD,
R. B. KINSELL.