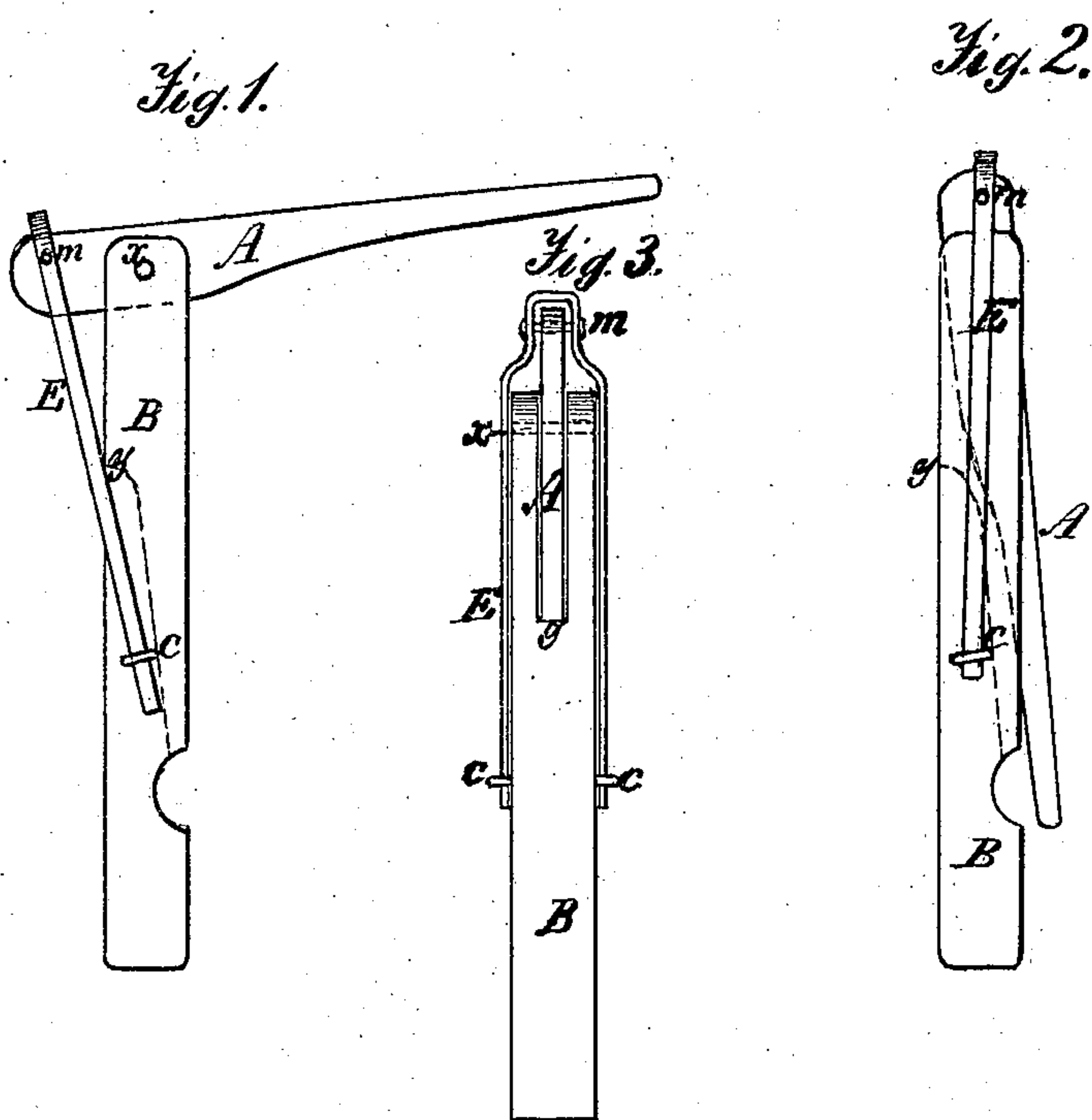


A. S. SKINNER.

Improvement in Lifting-Jacks.

No. 132,697.

Patented Oct. 29, 1872.



Witnesses.

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UNITED STATES PATENT OFFICE.

AMOS S. SKINNER, OF WINDSOR, MICHIGAN.

IMPROVEMENT IN LIFTING-JACKS.

Specification forming part of Letters Patent No. 132,697, dated October 29, 1872.

To all whom it may concern:

Be it known that I, AMOS S. SKINNER, residing in Windsor, county of Eaton and State of Michigan, have invented a certain Improvement in Lifting-Jacks, of which the following is a specification:

In the annexed drawing, Figure 1 illustrates a side view of my improved lifting-jack, showing its lever extended so as to prepare the said jack for readiness to be inserted under the vehicle or other article to be raised; Fig. 2 is a similar view thereof, exhibiting its lever thrown down in nearly a parallel position with its stock or support, putting it in readiness for supporting the vehicle; and Fig. 3 shows a rear view of the same.

In the several figures identical parts are designated by corresponding letters of reference.

This invention relates to an improved lifting-jack, the parts of which are susceptible of being compactly folded together, either when in or out of use; and it consists of the combination of a bifurcated stock or support, metallic loop or frame, and a lever, arranged substantially as hereinafter more fully described and specifically pointed out in the claim.

To enable others to make and use my invention, I will proceed to describe it.

In the accompanying drawing, B refers to a support, or the stock of my device, which is bifurcated a certain distance of its length, say to the point *y*, and from which point it is recessed, as shown in dotted lines, Figs. 1 and 2, down to the point where the lower end of the lever (to be hereinafter described) reaches when brought parallel with the said support. The object of this construction is twofold: First, to allow the lever to be thrown out in the position which it occupies in Fig. 1, and in which position it is placed in readiness to be put under the weight to be raised; and secondly, to

permit of the said lever being inserted into said stock A, whereby the latter is caused to form a bearing for the lever, both at the point *y* and for the lower end thereof, and also the said lever is allowed to be compactly folded up within the said stock. A refers to the lever above alluded to, which is pivoted at the point *x* in the bifurcated part of the stock A, near one end thereof, that end or portion which is grasped when it is to be operated being reduced, as shown in Figs. 1 and 2, whereby a shoulder is formed upon the said lever which rests upon the shoulder *y* on the stock A when the said lever is thrust into the latter, thereby strengthening the lever in holding the loop or frame, hereinafter described, which is brought in contact with the weight. E refers to a fork-shaped loop or frame, within the reduced or upper part of which is pivoted at the point *m* the extreme rear end of the lever A. The prongs or parallel bars of this loop are confined and permitted to slide within staples *c c*, fastened to the sides of the stock B in a diagonal position. This loop in its movement describes the arc of a circle. The upper or flat part of this loop or frame is that portion thereof which is brought in contact with the weight to be raised.

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

The stock or support B, in combination with the lever A, loop or frame E, and staples *c c*, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

AMOS S. SKINNER.

Witnesses:

ABRAHAM WHEELER,
LOUISE SWIFT.