

No. 815,556.

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L. L. POPLIN.
BENCH.

APPLICATION FILED AUG. 11, 1905.

FIG. 1.

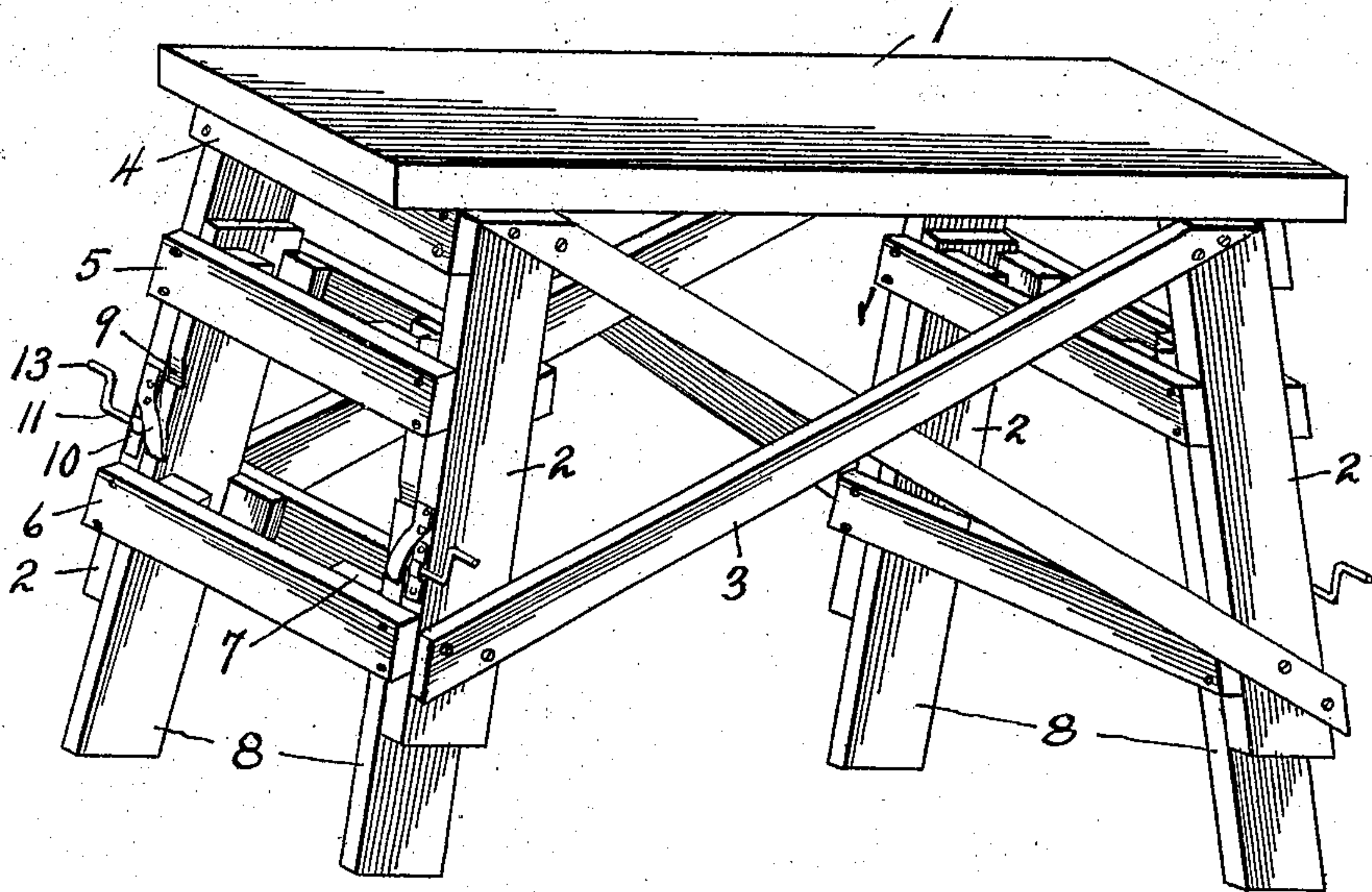
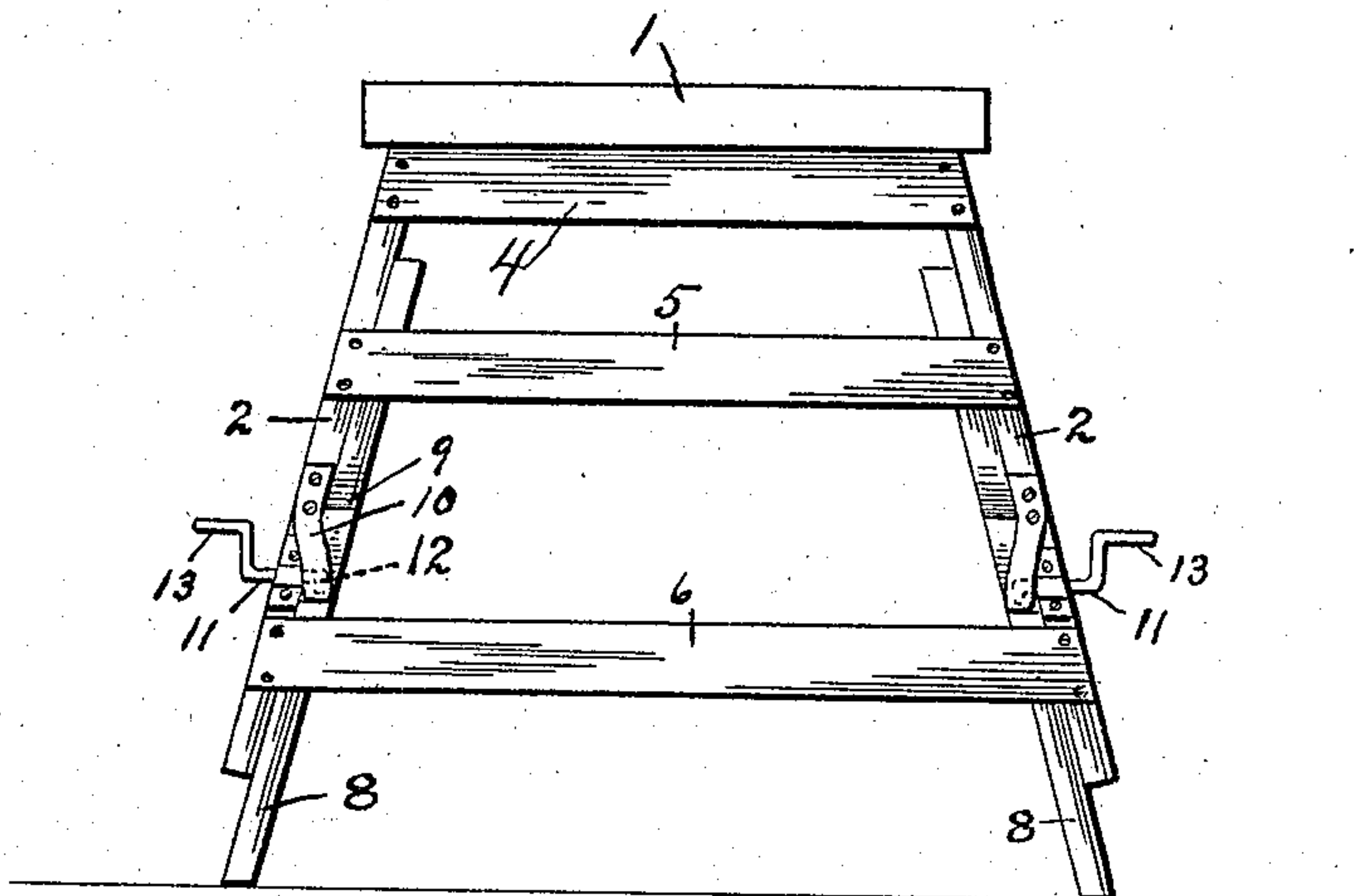


FIG. 2.



Witnesses
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BENCH.

No. 815,556.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, LEMUEL L. POPLIN, a citizen of the United States, residing at Rocky Mount, in the county of Edgecombe and State of North Carolina, have invented certain new and useful Improvements in Benches, of which the following is a specification.

My invention relates to benches, and has for its object to provide a bench having extensible legs to enable it to be raised or lowered to any desired height.

It is a further object of my invention to provide a bench each leg of which may be adjusted independently of the others, so that the bench can be made to sit steady when resting on an uneven surface.

It is a further object of my invention to provide a bench so constructed that the necessary play between the extensions and their guides will not affect the steadiness of the bench.

With these and other objects in view the present invention consists in the combination and arrangements of part, as will be herein- after more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claim, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claim without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of my improved bench. Fig. 2 is an end view of the same.

In the drawings, in which like numerals of reference designate corresponding parts, 1 is the top of the bench, supported by outwardly-extending legs 2, which are strengthened by side braces 3 and end braces 4, 5, and 6. Braces 5 and 6 are secured in pairs to legs 2, one on the inner edge and the other on the outer edge. To the inner side of said pairs of braces are secured guide-blocks 7, adapted to hold extension members 8 against legs 2. Extensions 8 are provided on their outer edges with notches 9, which are adapted to be nor-

mally engaged by downwardly-extending spring-tongues 10, secured to the adjacent edges of legs 2. Mounted below the tongues 2 are short shafts 11, the inner ends of which extend beneath the tongues 10 and are provided with radial projections 12, adapted when the shafts are turned to engage and lift said tongues out of engagement with notches 9. On the outer ends of said shafts cranks 13 are provided to operate the shafts.

The operation of my device is as follows: The extensions 8 being in the position shown in Fig. 1, when it is desired to raise or lower the bench the cranks 13 are turned to bring projections 12 in contact with tongues 10, said projections operating to raise said tongues out of engagement with the notches 9. The extensions are raised or lowered to the desired height and the cranks reversed to allow the tongues to resume their normal positions. Any desired slant may be given the bench by lengthening the legs on one side. By providing the bench with outwardly-extending legs the extensions 8 are held firmly against their guides, thereby furnishing a rigid support for the bench. The greater the weight on the bench the more firmly the extensions are held.

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

A bench comprising a top, supporting-legs rigidly secured thereto, extensions for said legs having notches on their outer edges, lateral braces having guide-blocks secured thereto, said braces being secured to said legs, the said legs, braces and guide-blocks forming guideways for said extensions, and spring-tongues adapted to engage said notches, said tongues being operated by shafts with radial projections, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

LEMUEL L. POPLIN.

Witnesses:

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