No. 679,529. Patented July 30, 1901.

S. L. HITCHCOCK.

ADJUSTABLE SPEAKER'S STAND OR PULPIT.

(Application filed Oct. 20, 1899.)

(No Model.)

Fig. 1.

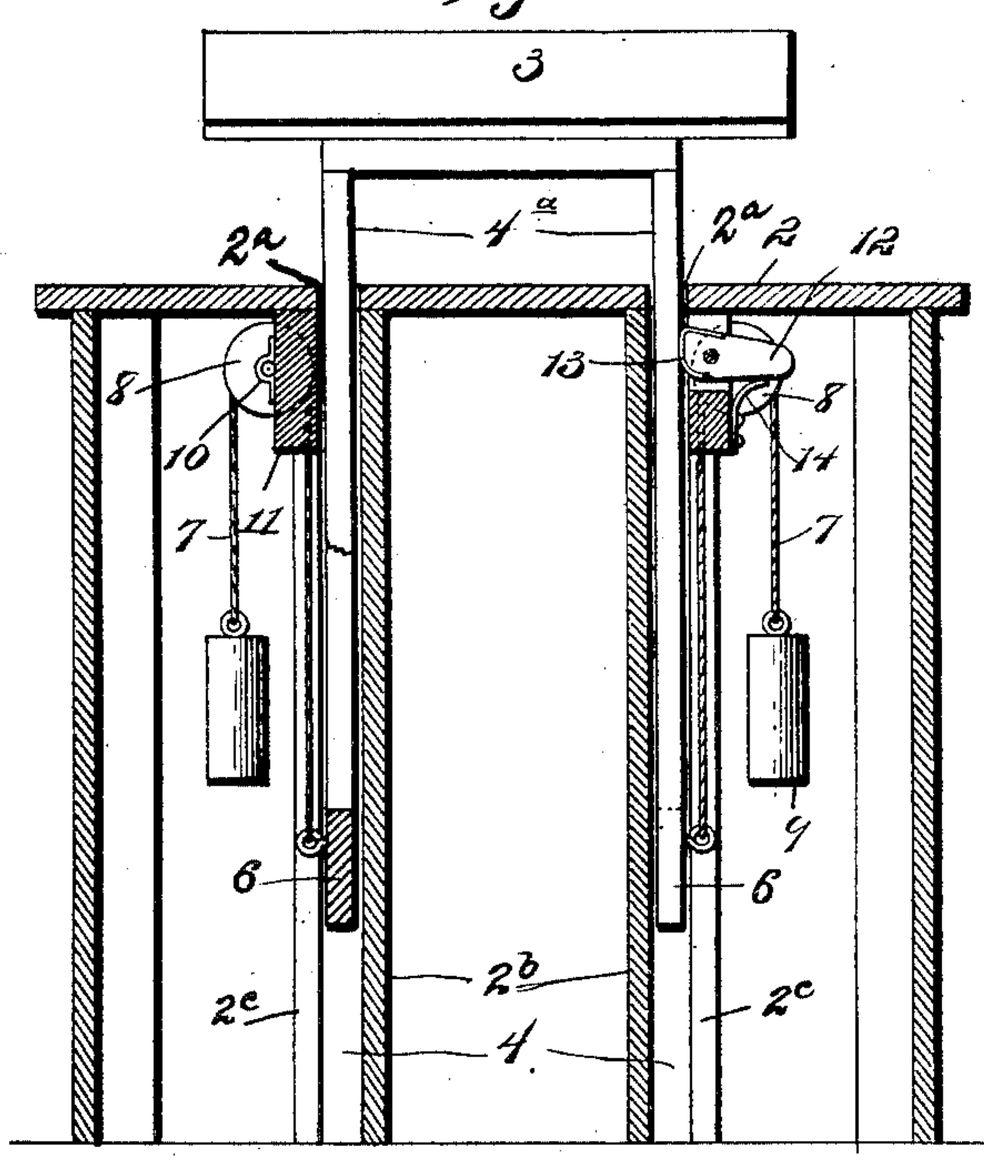


Fig. 2.

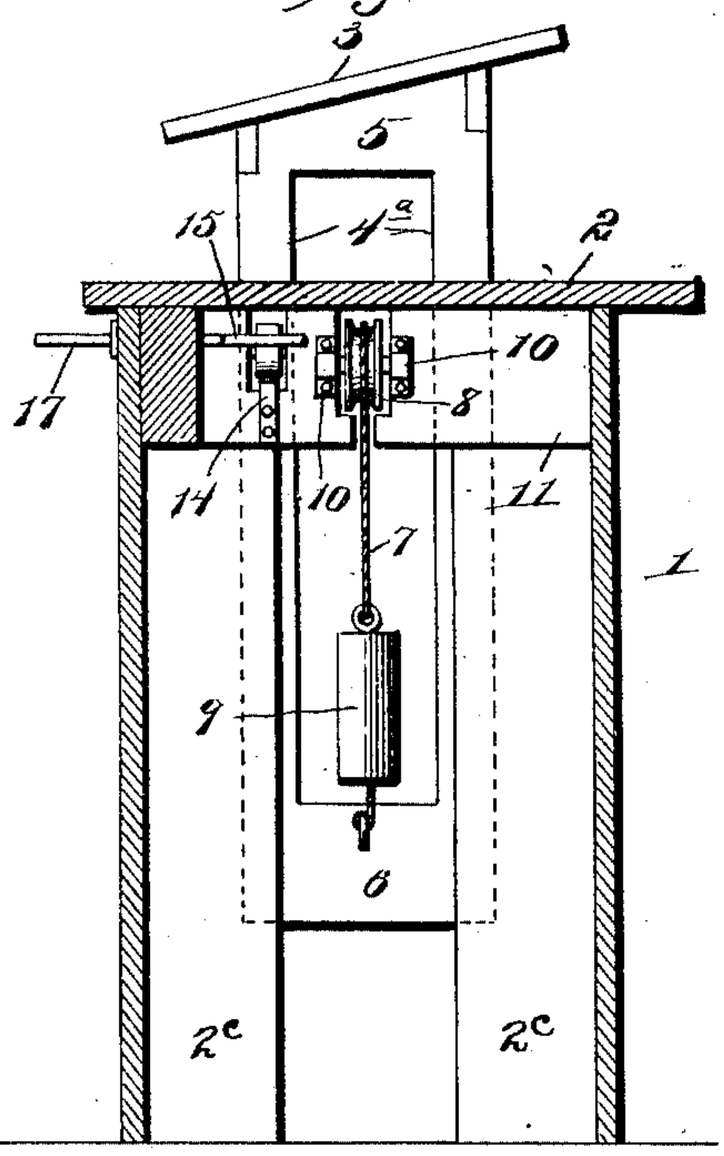


Fig. 3.

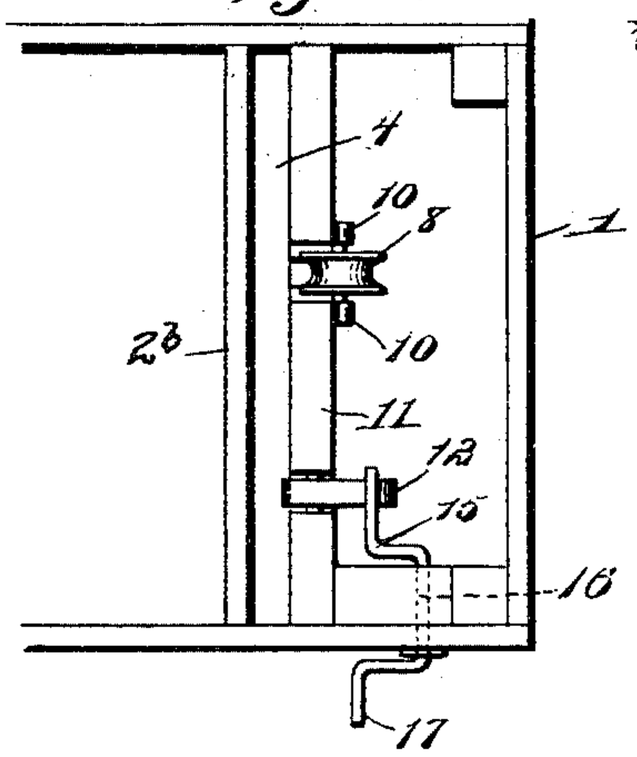


Fig. 4.

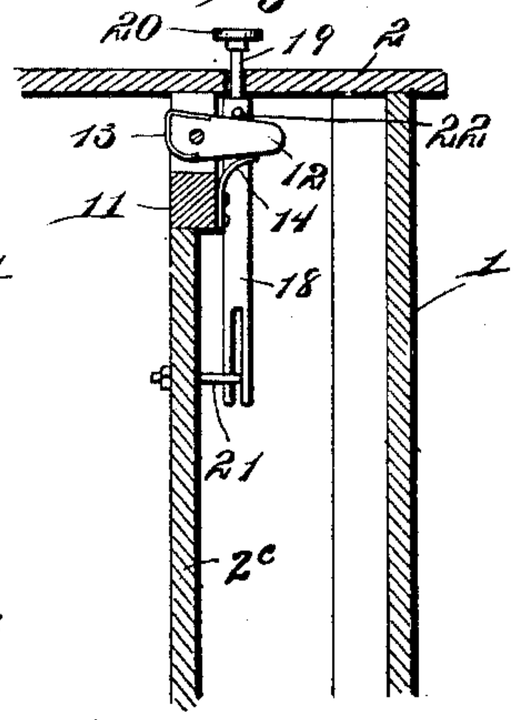
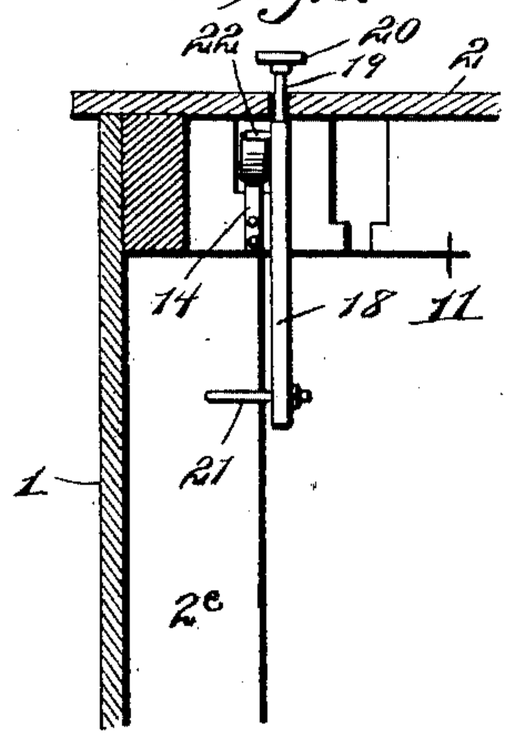


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

SANFORD L. HITCHCOCK, OF LOUISVILLE, KENTUCKY.

ADJUSTABLE SPEAKER'S STAND OR PULPIT.

SPECIFICATION forming part of Letters Patent No. 679,529, dated July 30, 1901.

Application filed October 20, 1899. Serial No. 734,257. (No model.)

To all whom it may concern:

Be it known that I, SANFORD L. HITCHCOCK, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Adjustable Speakers' Stands or Pulpits, of which the following is a specification.

My invention relates to speakers' stands or pulpits capable of being raised or lowered to suit speakers of different height and comprising a main frame or support, a vertically-movable table, shelf, or book-rest, and means for securing the latter at any position to which it may be adjusted.

The construction of the improvement will be fully described hereinafter in connection with the accompanying drawings, which form a part of this specification, and its novel features will be defined in the appended claim.

In the drawings, Figure 1 is a vertical section of an adjustable stand embodying the invention. Fig. 2 is a vertical section taken at right angles to the section shown in Fig. 1. Fig. 3 is a top plan view of a portion of the stand with its top removed. Fig. 4 is a vertical section of a modification, and Fig. 5 is a sectional side elevation of Fig. 4.

The reference-numeral 1 designates a stand or support, which may be of any preferred construction, having a top 2, which latter has parallel slots 2^a to permit of the passage therethrough of the depending portion or frame of the movable table 3.

Within the stand 1 are provided vertical guides 2^b 2^c, providing guideways 4 for the depending frame of the removable table 3. This table is secured to an adjustable frame or supports of any suitable construction. In the drawings I have shown a supporting-frame consisting of two counterpart sides, each comprising vertical bars 4^a, an upper cross-bar 5, and lower cross-bar 6. The upper bars 5 are inclined to support the table 3 at a convenient inclination for reading, and said sides extend down between the vertical guides of the main stand or support. To the lower cross-bar of each of the sides is attached one end of a cord 7, said cords passing over pulleys 8 and being provided at their opposite ends with weights 9. The pulleys 8 are mounted upon axles supported in bearings 10, secured to cross-bars 11 below the top 2, and the weights counterbalance the removable table and its supporting-frame.

To secure the adjustable frame at any point desired, I provide at one side thereof a spring-pressed friction catch or shoe 12, which is pivotally secured within a recess of one of the cross-bars 11 and is provided at its inner end with a covering 13, of rubber or other suitable material, to constitute a friction-surface. Below the friction-shoe 12 is secured a spring 14, the free end of which bears against the shoe to hold it normally against the adjacent side bar of the adjustable frame.

For the purpose of releasing the friction-catch I provide an angle-arm 15, supported in a bearing 16, formed in the rear side of the main frame, having a crank-handle 17 at its outer end. The inner end of the angle-arm 15 rests upon the upper side of the shoe 12, as shown in Figs. 2 and 3, and by turning said arm by its crank-handle the outer end of the shoe or catch 12 is depressed and its inner end raised out of contact with the adjustable frame, permitting the latter to be readily raised or lowered. When the crank-handle of the angle-arm is released, the spring 14 returns the friction-catch to its normal position in contact with the adjustable frame.

As a modification of the means for tilting the friction-shoe 12 I have shown in Figs. 4 and 5 a push-rod 18, the upper end of which extends through an opening 19 in the top 2 and is provided with a button 20. The lower end of the rod 18 is bifurcated to straddle a pin 21, projecting from the frame, said pin serving to support the rod 18 and permit vertical movement thereof. Near the upper end of the rod 18, below the top 2 of the main stand, a lug or pin 22 projects from the rod to bear upon the upper surface of the shoe 12.

It will be apparent that the depression of the rod by means of its button 20 will raise the friction-catch out of contact with the adjustable stand and permit the latter to be raised or lowered.

I would have it understood that the details of construction of the main supporting stand or table, as well as of the depending portion of the adjustable stand, may be varied to suit the taste or convenience of the manufacturer, and hence I reserve the right to make

all such variations in form and construction as may properly fall within the scope of the following claim.

I claim—

A reading-stand comprising a support having a top provided with parallel slots, parallel vertical guides providing guideways beneath the slots, an adjustable table having depending bars adapted to slide in the slots and in the guideways, the cross-bars located beneath the top, the bearings secured to the cross-bars, the pulleys having axles journaled in the bearings, the cords working over the pulleys secured at their inner ends to the depending bars, counterbalance-weights supported on the outer ends of the cords, the shoe pivoted to one of the cross-bars, a spring causing the shoe to have frictional bearing against one of the depending bars for retaining the table to its adjustment, and a device for tilting the shoe to release the table, consisting of a guide-pin and a rod having its lower end bifurcated so as to straddle the guide-pin, a lug located over the shoe, and a push-button for depressing the rod.

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

SANFORD L. HITCHCOCK.

Witnesses:
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THEODORE J. DESSE.