

S. J. CLARK.  
CIGAR MAKER'S TABLE.  
APPLICATION FILED JAN. 28, 1908.

936,411.

Patented Oct. 12, 1909.

2 SHEETS—SHEET 1.

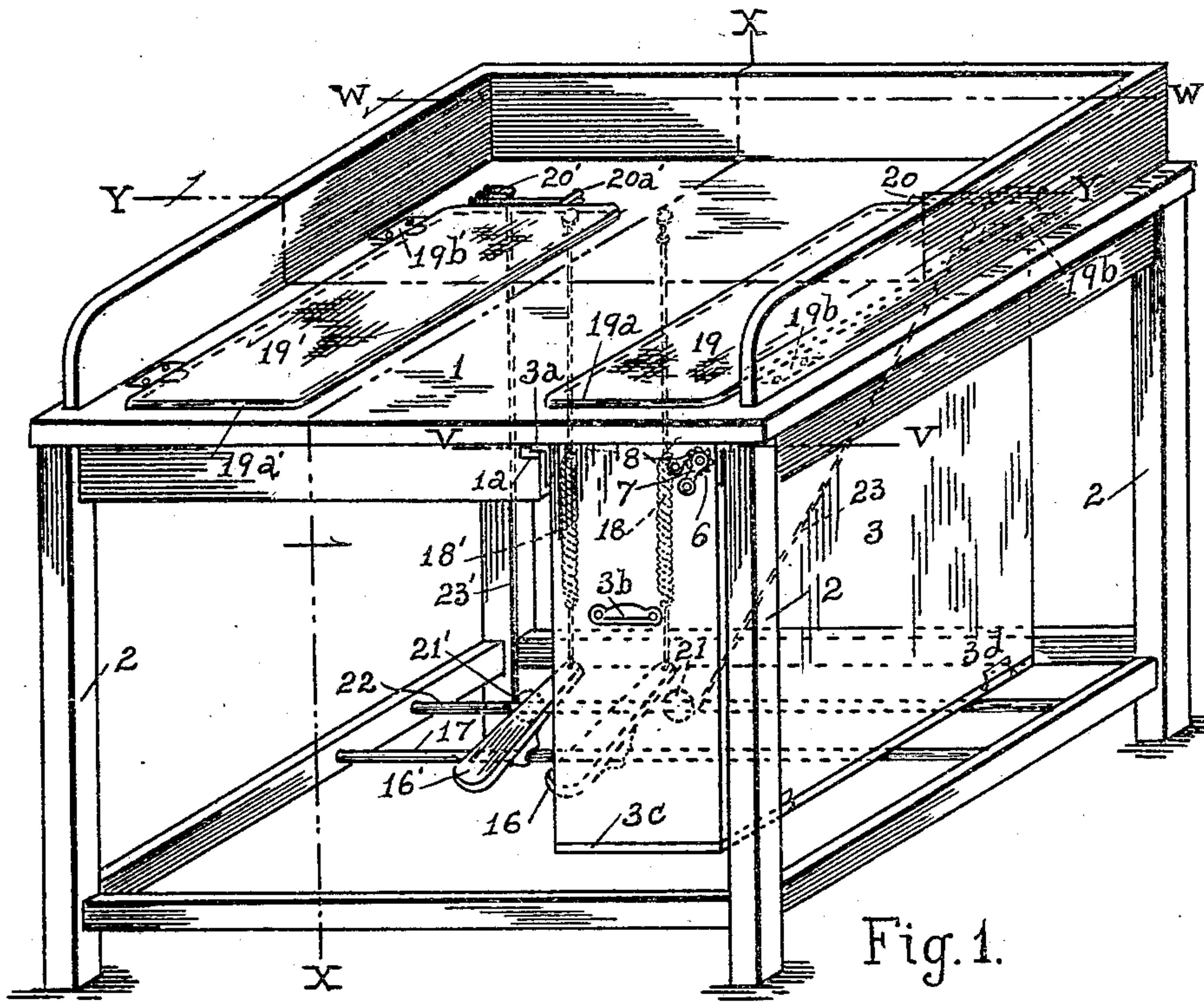


Fig. 1.

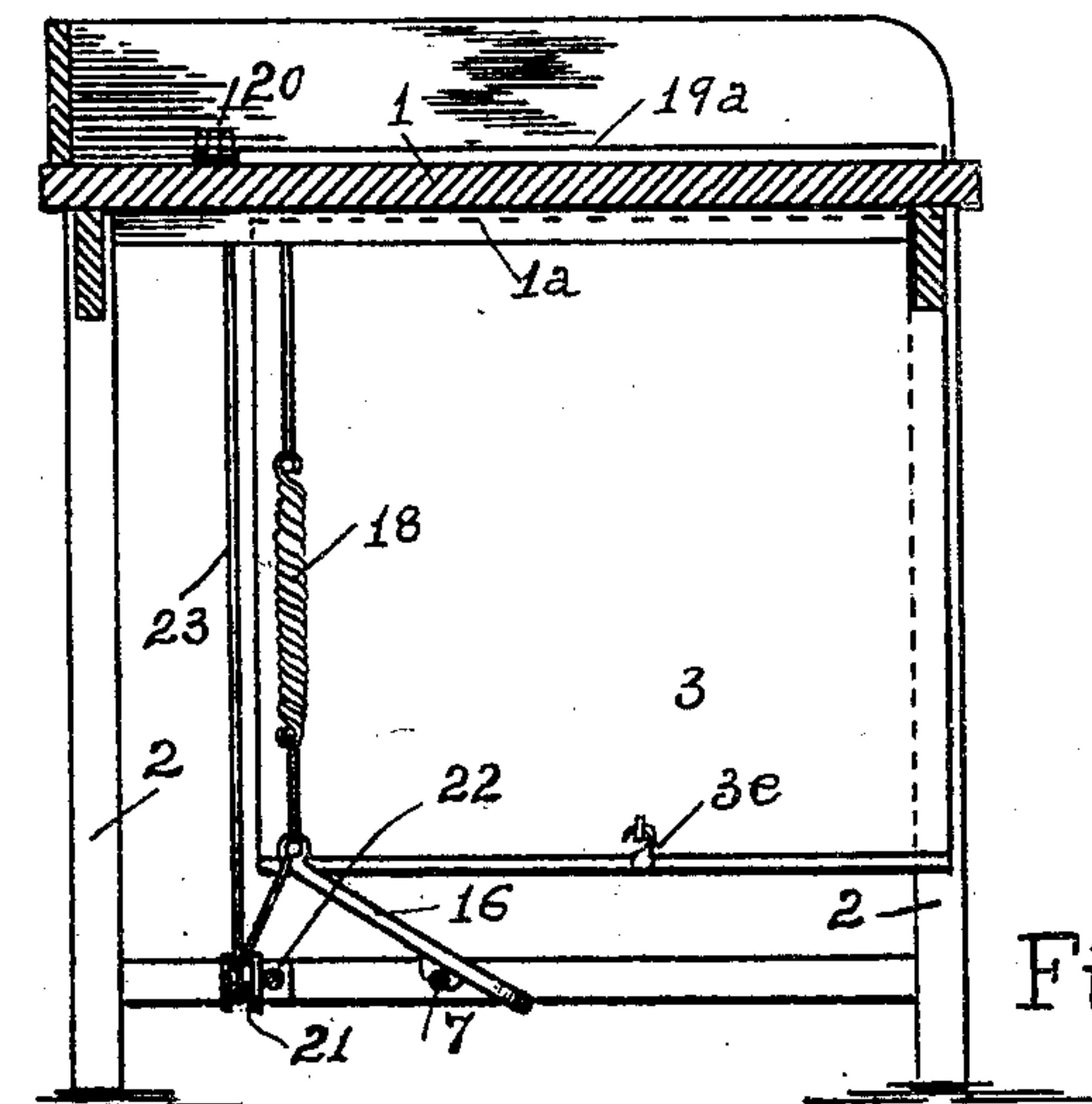


Fig. 2.

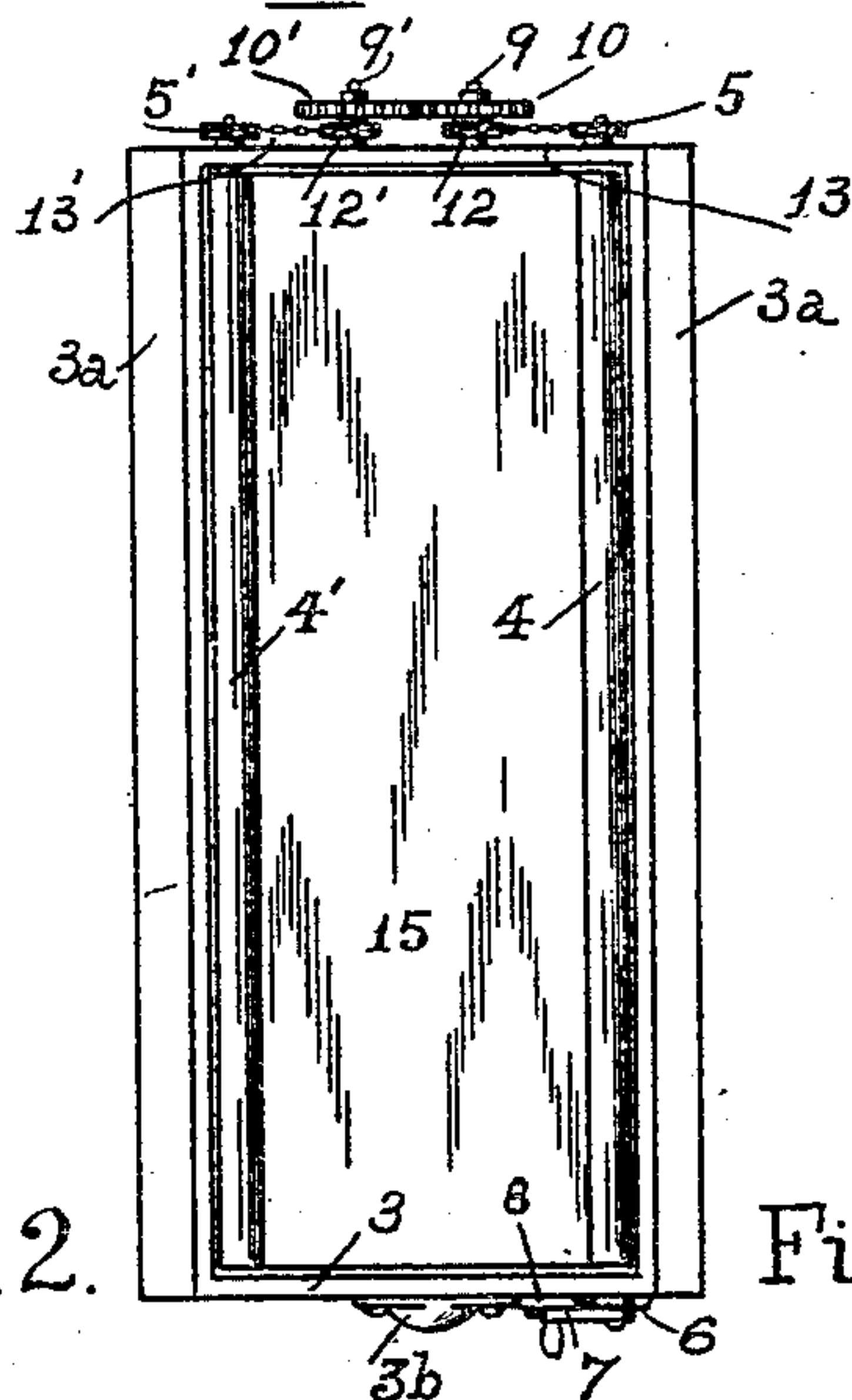


Fig. 4.

Witnesses.

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2 SHEETS—SHEET 2.

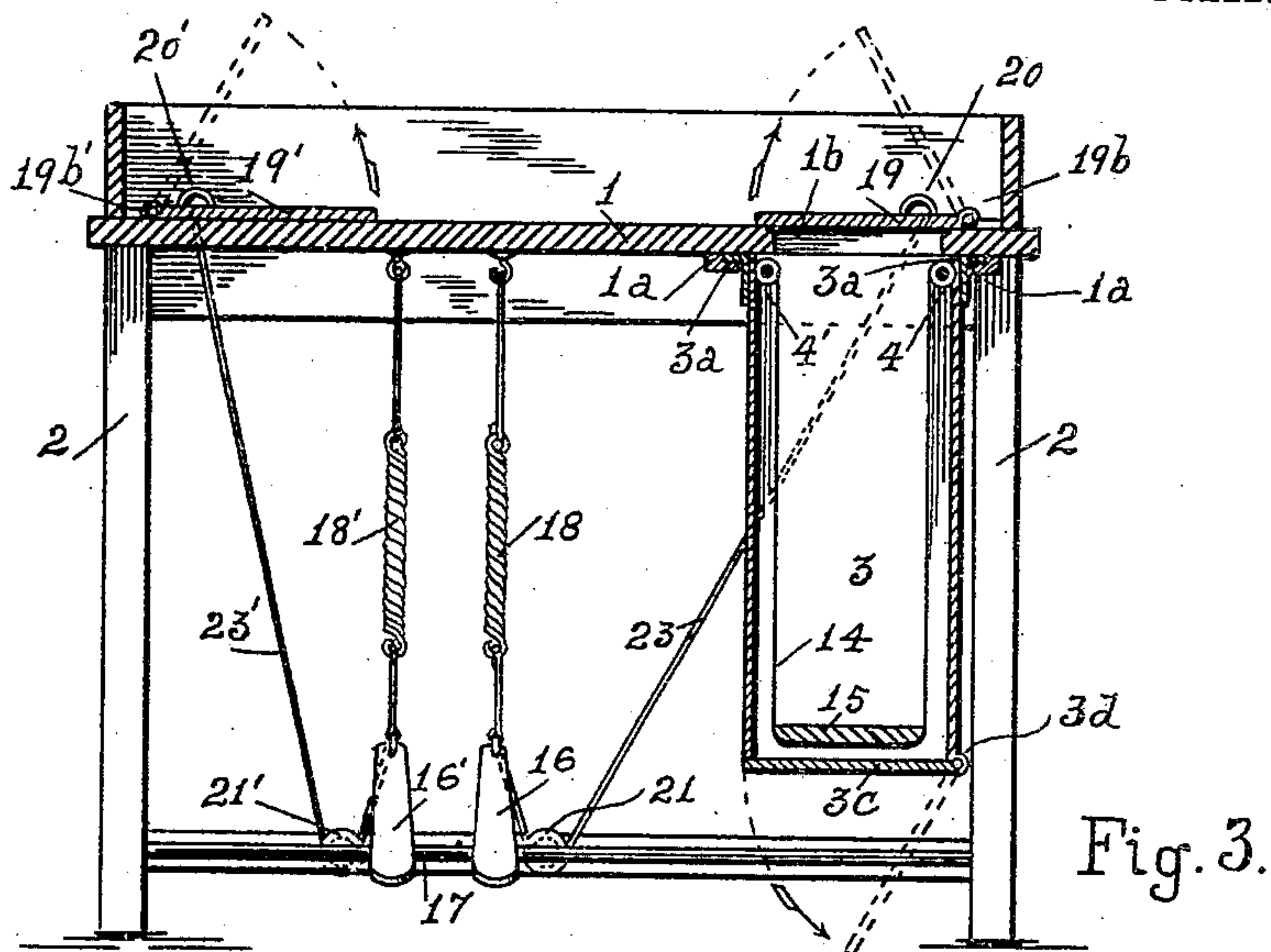


Fig. 3.

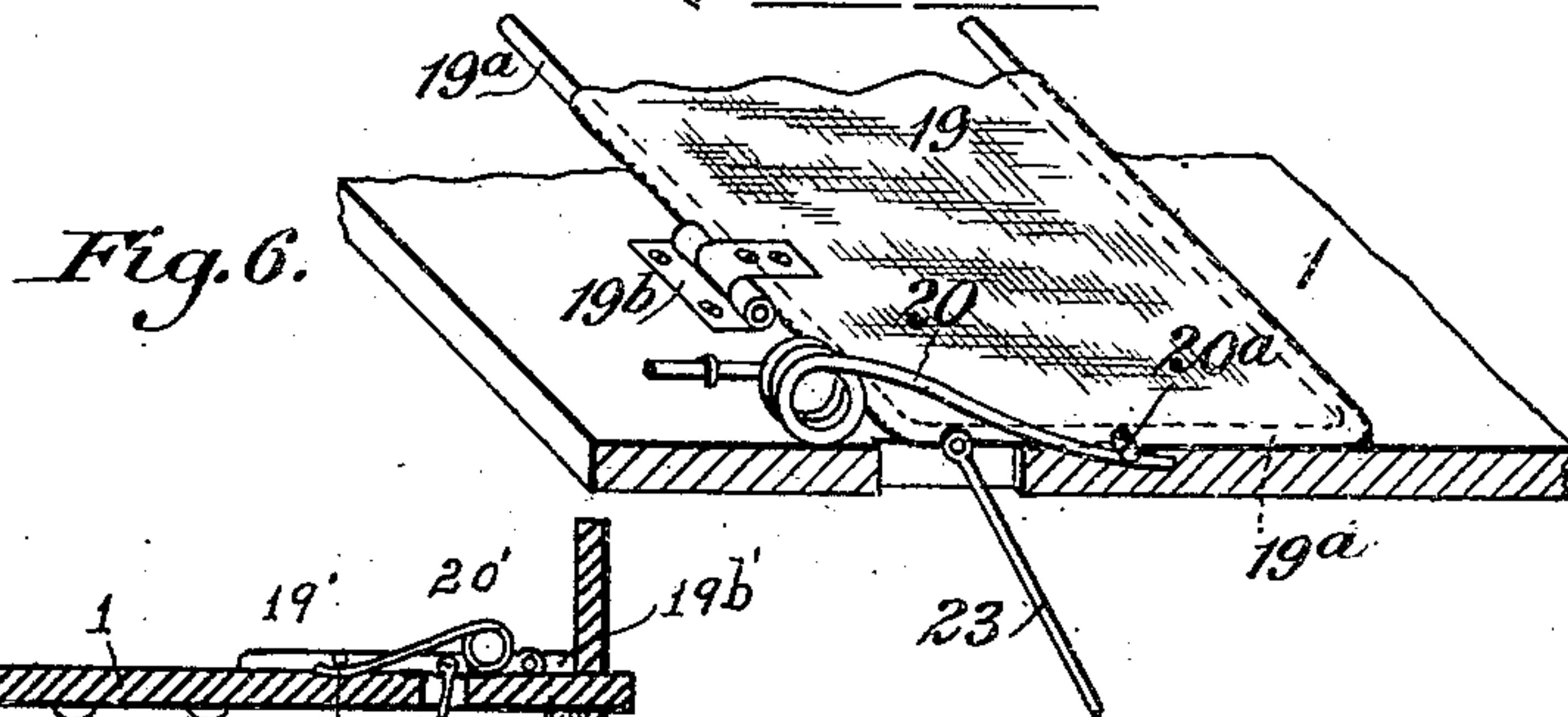


Fig. 6.

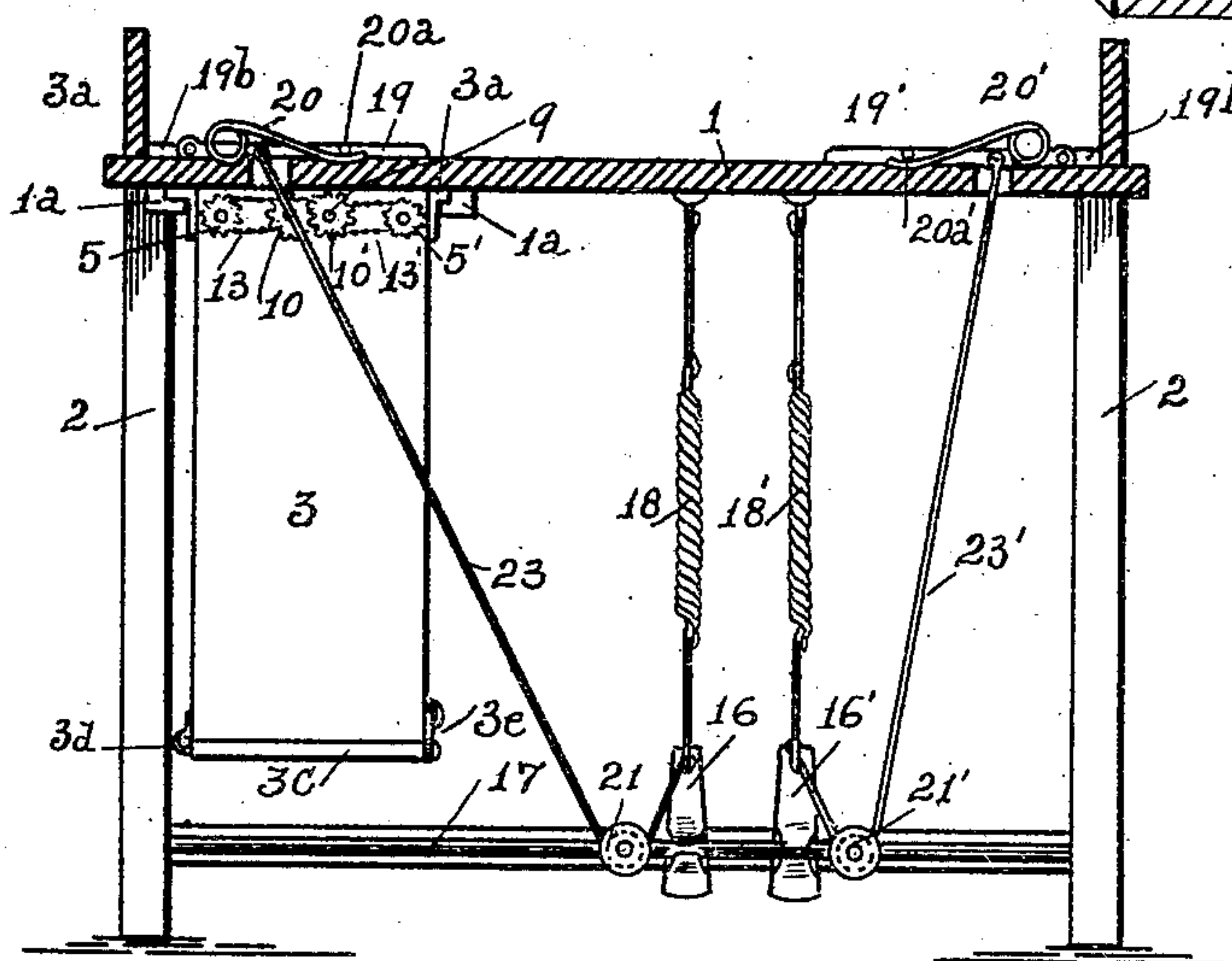


Fig. 5.

Witnesses  
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Inventor  
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# UNITED STATES PATENT OFFICE.

STUART J. CLARK, OF AUBURN, ILLINOIS.

CIGAR-MAKER'S TABLE.

936,411.

Specification of Letters Patent.

Patented Oct. 12, 1909.

Application filed January 28, 1908. Serial No. 413,110.

*To all whom it may concern:*

Be it known that I, STUART J. CLARK, a citizen of the United States, residing at Auburn, in the county of Sangamon and the State of Illinois, have invented a certain new and useful Cigar-Maker's Table, of which the following is such a full, clear, and exact description as will enable others skilled in the art to which it appertains to make and use my said invention.

This invention relates to tables such as are used by cigar-makers when making cigars.

The purposes of the invention are: to provide in connection with the main structure, a removable box adapted to contain filler stock and equipped with means for supplying the stock to the user as needed; to provide a suitable depository for wrappers and binders and a cover therefor adapted to keep the wrappers and binders moist; to provide a cover adapted to cover and protect the filler contained in the filler box; to provide means for operating, independently of each other, the wrapper cover and the filler cover, and to provide other novel features of construction hereinafter set forth.

With these ends in view my invention comprises the mechanisms hereinafter set forth and coöperating as described.

The essential features of the invention are shown in the drawings, to which reference is hereby made and are recited in the claim.

Referring to the drawings, in which similar reference numerals and letters designate like parts in the several views; Fig. 1 is an isometric projection of the complete machine; Fig. 2 is a vertical, transverse section on the line X. X. of Fig. 1; Fig. 3 is a vertical, longitudinal section on the line Y. Y. of Fig. 1; Fig. 4 is an enlarged, partial, horizontal section on the line V. V. of Fig. 1; Fig. 5 is a partial, vertical, longitudinal section on the line W. W. of Fig. 1, and Fig. 6 is an enlarged isometric view of part of one of the covers and shows the spring connected to raise the cover and the cord connected to depress the cover.

A flat table-top 1, preferably of wood, is supported on suitable legs 2 and has on its under side channeled rails 1<sup>a</sup> supporting the filler box, and also has an opening 1<sup>b</sup> conforming to the upper end of the filler box. The filler box 3 is a rectangular box, preferably of galvanized iron and has flanges 3<sup>a</sup> which rest and slide on the channeled rails 1<sup>a</sup>. On the inside of the box 3 are parallel

horizontal rollers 4 and 4' turning in suitable bearings on the box 3. A sprocket wheel 5 is secured on the shaft of the roller 4 and a similar sprocket wheel 5' is secured on the shaft of the roller 4'. A ratchet wheel 6 and a crank 7 are secured on the shaft of the roller 4. A pawl 8, mounted on the box, engages with the ratchet wheel 6 to prevent backward turning of the roller. Horizontal shafts 9 and 9' are fixed on the box 3. A spur-wheel 10 and a sprocket wheel 12 connected therewith, turn on the shaft 9 and a similar cog-wheel 10' and a connected sprocket wheel 12' turn on the shaft 9'. A sprocket chain 13 connects the sprocket wheels 5 and 12 and a sprocket chain 13' connects the sprocket wheels 5' and 12'. The cog wheels 9 and 9' mesh with each other. A strip of ticking 14, or other suitable fabric, has one end secured to the roller 4 and the other end secured to the roller 4'. A board 15, of suitable width, fits between the members of the fabric 14 and is supported on the fabric. The filler within the box is supported on the board 15 and is kept in place by the vertical members of the fabric 14. If the crank 7 be turned to the right it will cause the roller 4 to turn to the right and wind thereon the member of the fabric which is connected with said roller, and the train of sprocket wheels and gears 12, 10, 10', 12', and 5', driven by the chains 13 and 13' will cause the roller 4' to turn to the left and wind on said roller the member of the fabric which is connected therewith, and both members of the fabric winding on the rollers will raise the board 15 and with it will raise the filler supported on the board so as to keep the filler within easy reach of the operator through the opening 1<sup>b</sup>. The pawl 8 will prevent backward turning of the rollers and the accidental unwinding of the fabric. In practice the operator will turn the crank 7 at intervals to bring the filler up to the opening 1<sup>b</sup> as he needs it. On the front of the box is a handle 3<sup>b</sup>, which may be used to slide the box on the rails. A bottom 3<sup>c</sup> is connected with the lower end of the box by hinges 3<sup>d</sup> and is secured by a hook 3<sup>e</sup> or equivalent securing device. In case dust accumulates in the box, the bottom may be released and turned downward to permit the removal of dust and may then be closed and secured in its original position. Pedals 16 and 16' are mounted to oscillate separately on a rod 17 or other suitable support.



Springs 18 and 18' each have one end connected with the under side of the top 1 and the other end connected with the pedals 16 and 16' respectively.

5 The cover 19 is of suitable fabric stretched on a frame 19<sup>a</sup> and is of suitable size to cover the opening 1<sup>b</sup> under which the filler box is situated. Hinges 19<sup>b</sup> connect the frame 19<sup>a</sup> with the table-top. The wrapper cover 19'  
10 is of fabric stretched on a frame 19<sup>a'</sup> which is connected with the table-top by hinges 19<sup>b'</sup>. A spring 20 has one end fixed on the table-top and the free end of the spring acts against a pin 20<sup>a</sup> on the end of the frame 19<sup>a</sup>  
15 to raise the frame; a similar spring 20' acts against the under side of the frame 19<sup>a'</sup> to raise that frame. Sheaves 21 and 21' are mounted on the rod 22 and are adjacent to the pedals 16 and 16' respectively. A cord  
20 23 has one end secured to the cover frame 19<sup>a</sup>, passes around the sheave 21 and has its other end secured to the free end of the pedal 16. A similar cord 23' connects the pedal 16' with the cover frame 19<sup>a'</sup> in like  
25 manner. The spring 18 is stronger than the spring 20 and the spring 18' is stronger than the spring 20'; the springs 18 and 18' therefore act to normally keep the free ends of the pedals 16 and 16' in their raised position;  
30 and the free ends of the pedals being raised cause the cords 23 and 23' to pull downward on the frames 19<sup>a</sup> and 19<sup>a'</sup> so as to normally keep the covers in a horizontal position.

35 In using the apparatus the operator if he wishes a wrapper, will, with his foot momentarily depress the pedal 16' thereby causing the cover 19' to raise so that he may pick up the wrapper, and upon the release of the pressure on the pedal the cover will re-

sume its horizontal position; and in like 40 manner, if he wants filler he will depress the pedal 16 to operate the cover 19 to uncover the box 3 so that he may take filler therefrom.

The practical advantage of the apparatus 45 constructed to operate as described is that the wrappers and filler are always covered and protected except during the time that the operator is actually taking in hand the material for making the cigar, and the oper- 50 ator has both hands free for manipulating the work.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent is: 55

In a cigar maker's table, the combination with a frame the top of which is provided with an opening, of a filler-stock receptacle arranged beneath said opening and provided with means for feeding the filler-stock up- 60 wardly therein, a hinged cover for said opening, a wrapper and binder depository associated with said frame, a hinged cover associated with said depository, springs connected to said covers for raising the latter, 65 pedals connected to said covers for controlling the action of said springs, and springs connected to said pedals and normally holding the latter in elevated position to retain said covers in closed position against the 70 tension of their respective springs.

In witness whereof I have hereunto subscribed my name at Auburn Illinois this 20th day of December, 1907.

STUART J. CLARK.

Witnesses:

S. S. McELVAIN,  
M. A. McELVAIN.