

No. 873,827.

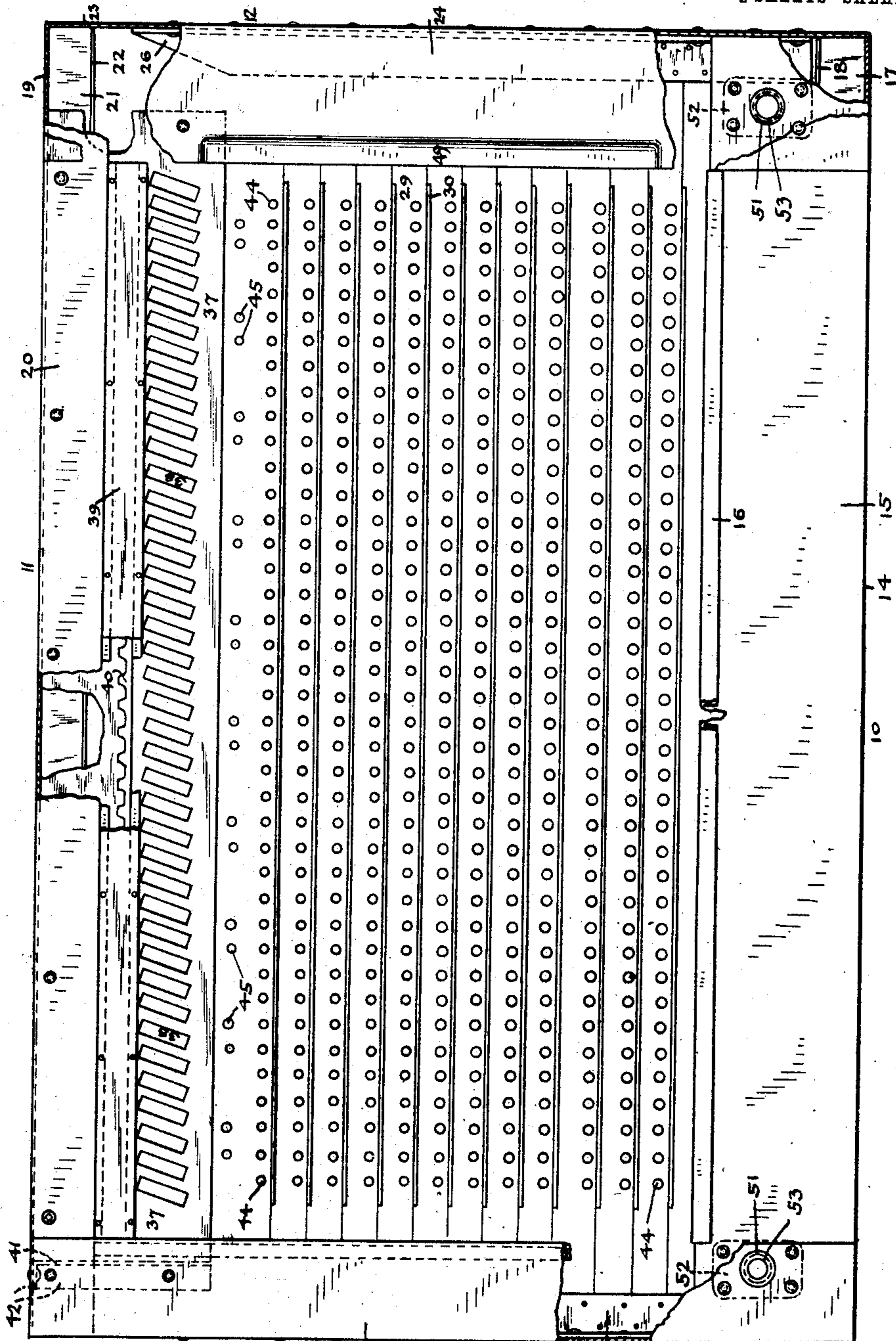
PATENTED DEC. 17, 1907.

C. C. ABBOTT.
VOTING MACHINE FRAME.

APPLICATION FILED MAY 20, 1907.

2 SHEETS—SHEET 1.

Fig. 1.



WITNESSES

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INVENTOR

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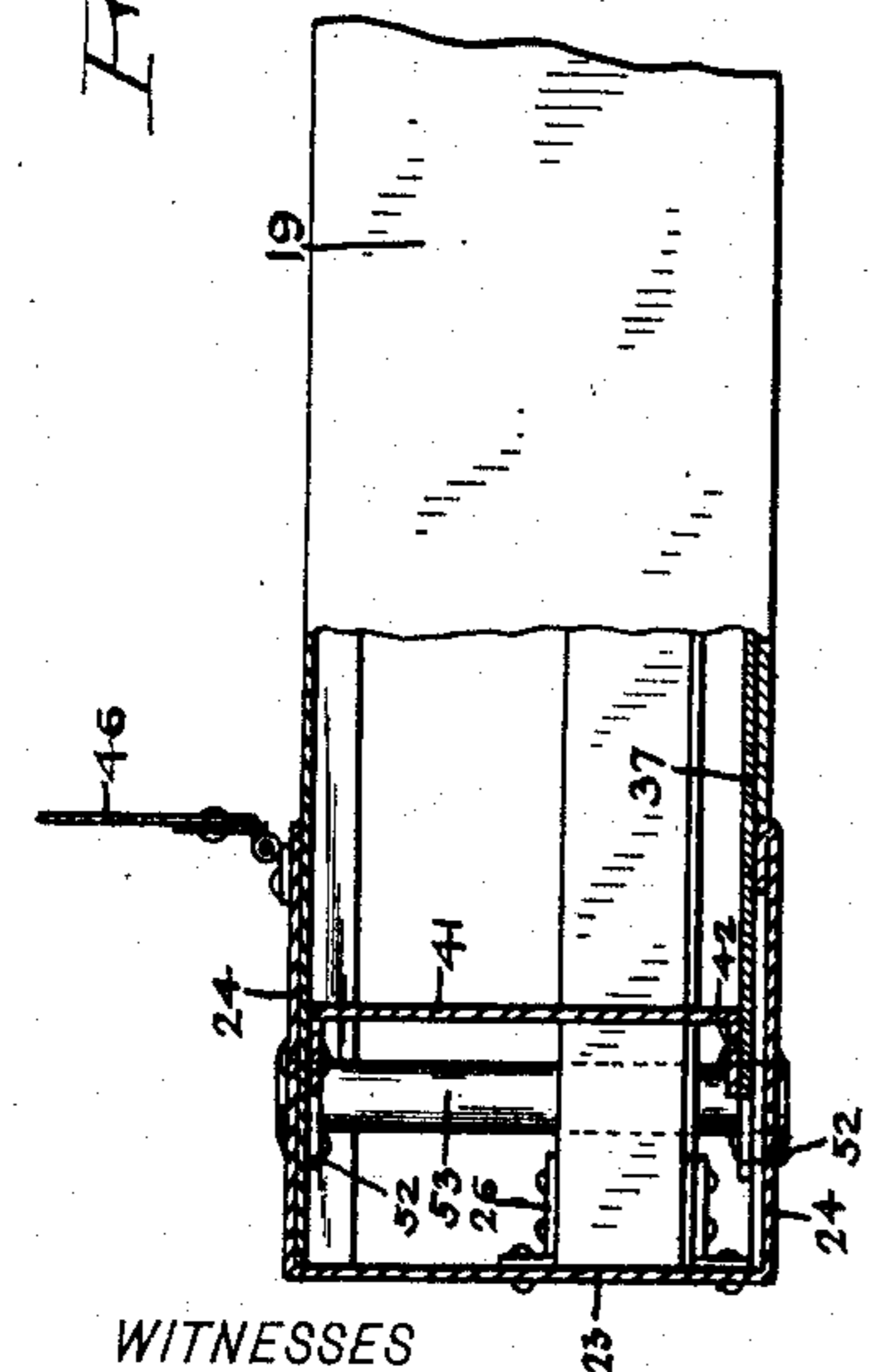
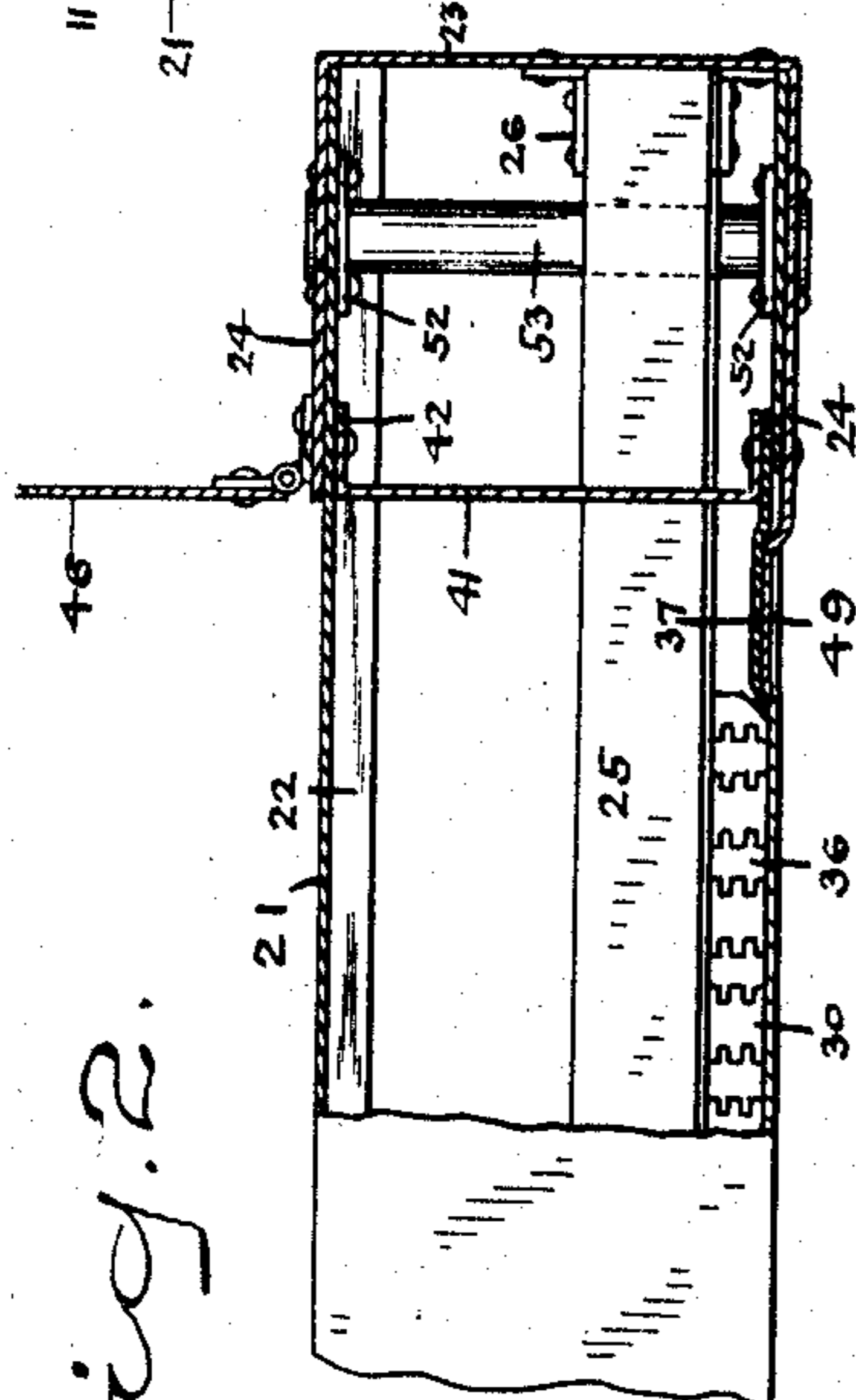
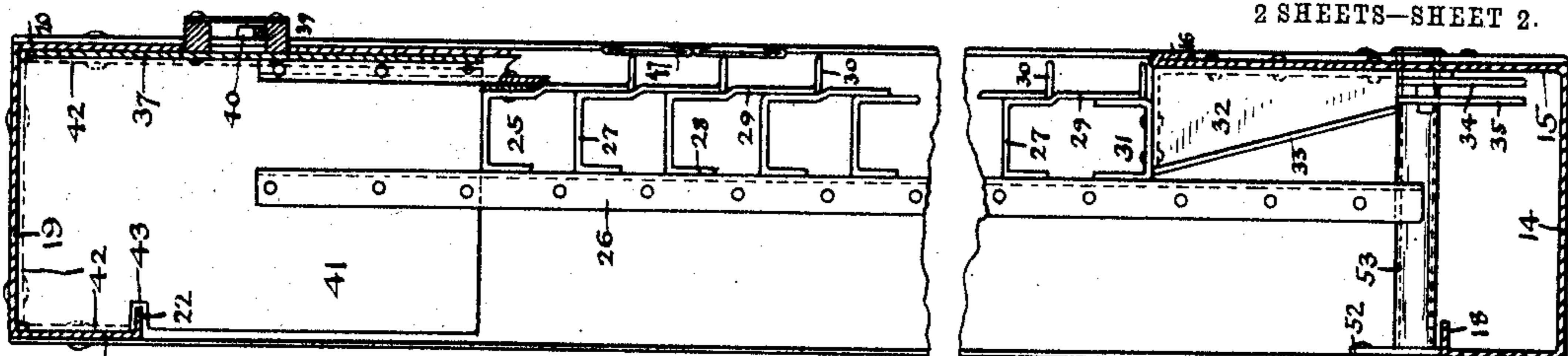


Fig. 4.

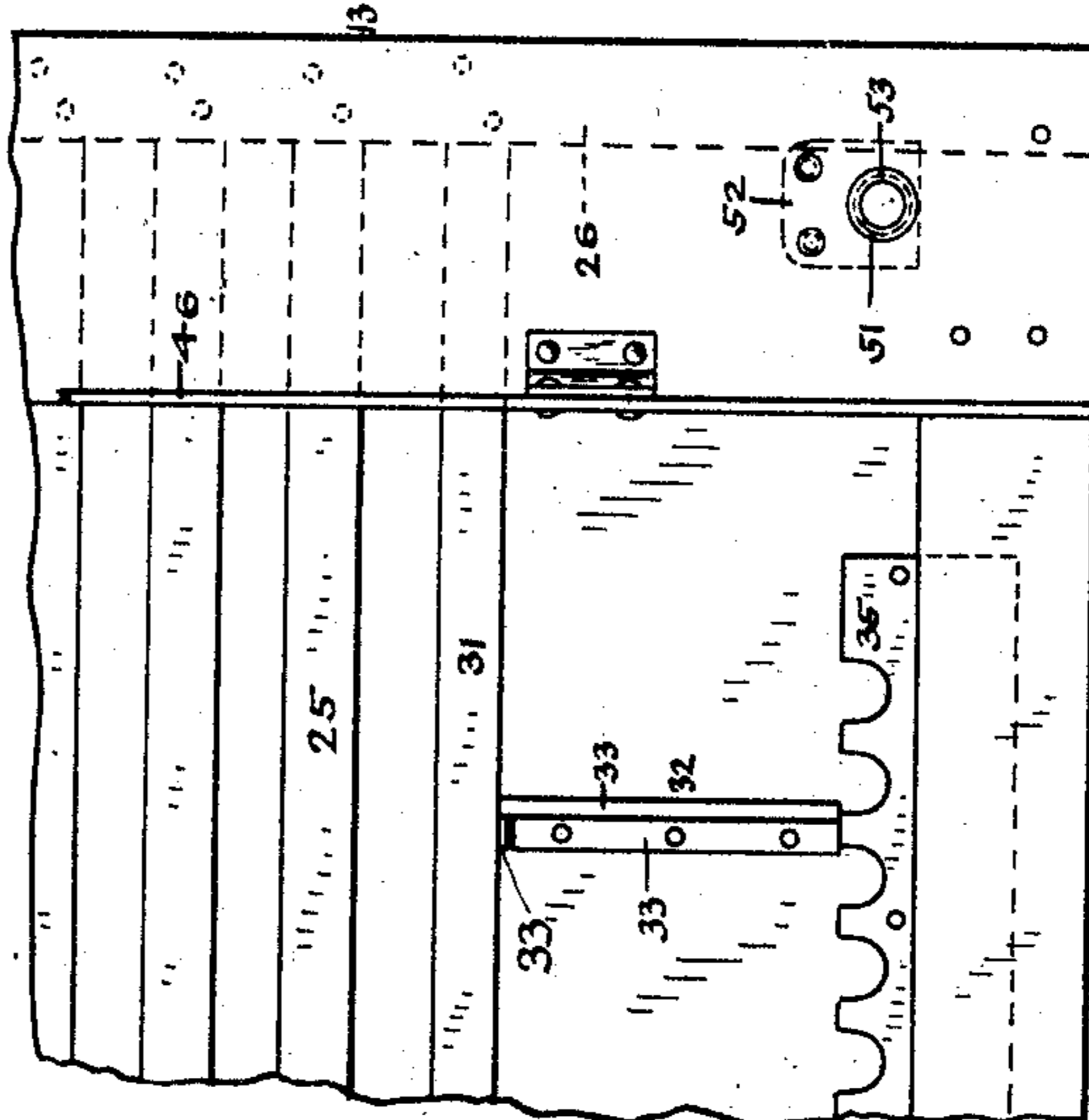
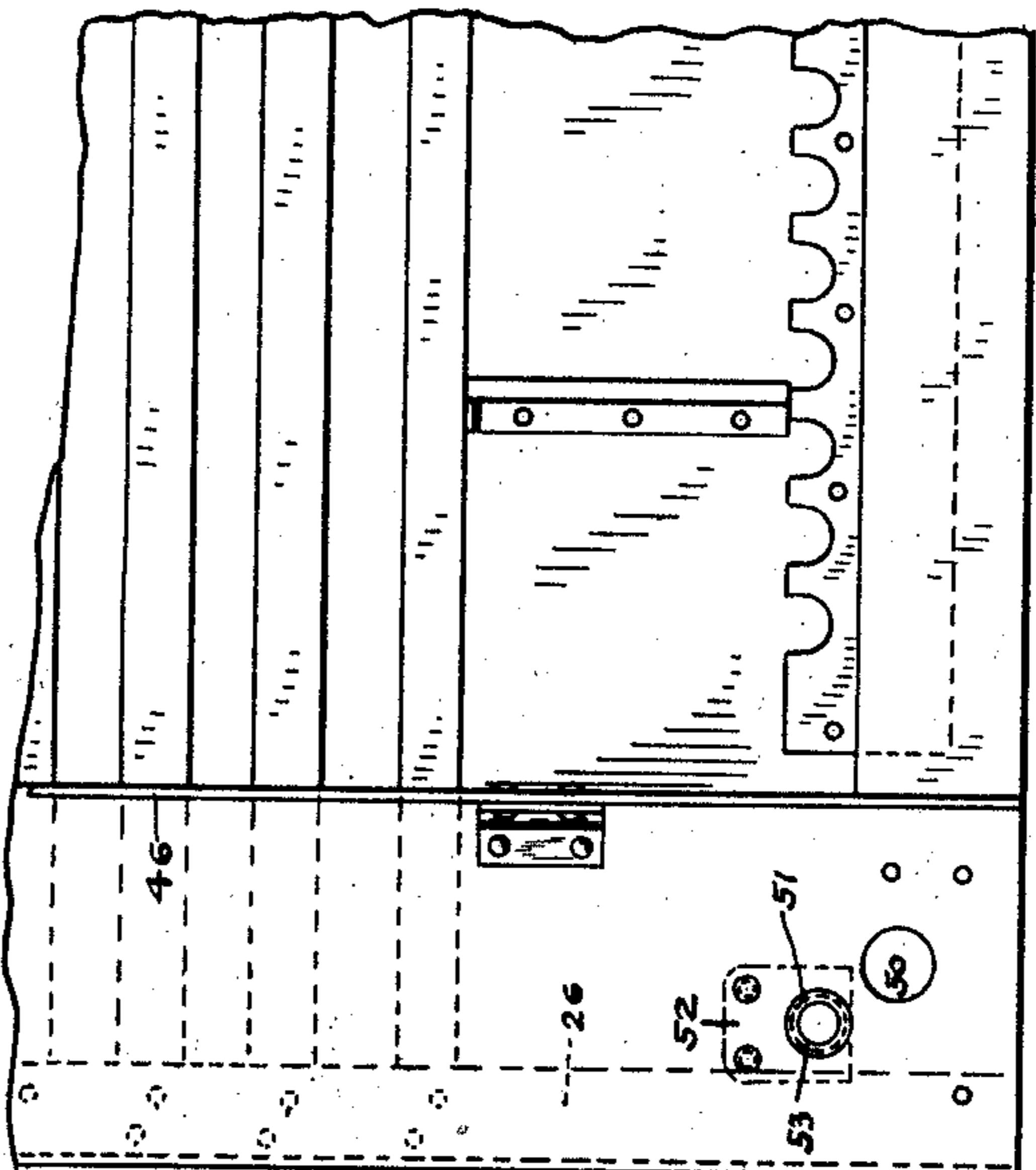


Fig. 5.



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UNITED STATES PATENT OFFICE.

CHARLES C. ABBOTT, OF PITTSFIELD, MASSACHUSETTS, ASSIGNOR TO TRIUMPH VOTING MACHINE COMPANY, OF PITTSFIELD, MASSACHUSETTS, A CORPORATION OF NEW JERSEY.

VOTING-MACHINE FRAME.

No. 873,827.

Specification of Letters Patent.

Patented Dec. 17, 1907.

Application filed May 20, 1907. Serial No. 374,609.

To all whom it may concern:

Be it known that I, CHARLES C. ABBOTT, a citizen of the United States, residing at Pittsfield, county of Berkshire, State of Massachusetts, have invented a new and useful Voting-Machine Frame, of which the following is a specification.

This invention has for its object to materially lighten and cheapen and at the same time to strengthen the cases of voting machines.

With this end in view I have devised a case for voting machines which is formed entirely from sheet metal.

In the accompanying drawings forming a part of this specification, Figure 1 is a front elevation partly broken away, illustrating the construction of my novel voting machine frame, the ballot strip holders being removed; Fig. 2 a plan view partly in horizontal section; Fig. 3 a rear elevation of the lower portion of the case; and Fig. 4 is an end elevation partly in section as seen from the left in Figs. 1 and 2, the end piece being removed.

10 denotes the base as a whole, 11 the top piece and 12 and 13 the right and left end pieces respectively, as a whole. All of these parts are formed from strips of sheet metal. The base comprises a horizontal portion 14, a front vertical portion 15, the upper end of which is turned over upon itself as at 16, and a back vertical portion 17, the upper end of which is provided with an inwardly-turned flange 18, the turned-over end 16 and flange 18 being for the purpose of bracing and strengthening the frame. The top piece is similarly constructed and comprises a horizontal portion 19, a front vertical portion 20, and a back vertical portion 21, which is provided at its lower end with an inwardly-turned flange 22. The end pieces comprise end portions 23 and side portions 24. The side portions of the end pieces pass outside of the front and back vertical portions of the base and top piece, the turned-over end 16 of front vertical portion 15 just meeting the edges of the side portions of the end pieces (see Figs. 1 and 2). 25 denotes horizontals which are rigidly secured to bracket strips 26, which in turn are rigidly secured to the end pieces respectively. The horizontals comprise central portions 27, back portions 28 and front portions 29. The front portions are made longer than the back portions,

are offset toward the front and are provided at their lower ends with outwardly-turned flanges 30. The lower end of each front portion 29 overlies the upper portion of the next lower front portion 29.

31 denotes a U-shaped horizontal which lies within and contiguous to the front portion 29 of the lowest horizontal 25. Horizontal 31 rests upon a plurality of brackets 32 which are secured to the front vertical portion 15 of the base and are provided at top, back and front with strengthening flanges 33, one of which is shown in full lines, the other two being indicated by dotted lines in Fig. 4. These brackets are additionally braced and supported by resting upon the front and back grouping plates indicated respectively by 34 and 35, which are likewise rigidly secured to front vertical portions 15. The outwardly-extending flanges 30 of front portions 29 of horizontals 25 are provided with recesses 36 through which the interlocking members (not shown) pass.

37 denotes the independent shutter plate which is provided with shutter apertures 38 and is shown as rigidly secured to the side portions 24 of the end pieces and may also be secured to the top piece.

39 denotes a housing which is secured to the shutter plate and incloses the actuating bar 40, which, however, forms no portion of the present invention.

41 denotes transverse vertical supports which are shown as provided with flanges 42 by means of which they are rigidly secured to the front, back and horizontal portions of top piece 11. These vertical supports are provided with slots 43 which receive the flange 22 upon the back vertical portion of the top piece. The horizontals are provided with transverse holes 44 which receive the voting member shafts, and the upper horizontal is provided with pairs of holes indicated by 45 which receive the question voting shafts (not shown). The back of the machine is closed by doors 46 which are hinged to side portions 24 of the end pieces. The front of the machine is provided with ballot strip holders (see Fig. 4) which are suitably secured by means not shown to front portions 29 of the horizontals. Right end piece 12 is shown as provided with a depression 49 to permit the convenient insertion of ballot strips in the ballot strip holders.

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50 denotes a hole through the back side portion 24 of the left end piece 13 which receives the main shaft of the machine (not shown).

5 51 denotes holes through the side portions 25 of both end pieces and through reinforcing plates 52 on the inner sides of said side portions through which tubes 53 are passed, which are headed down upon the outer sides 10 of the side portions. These tubes are strong and rigid and are rigidly secured in place so as to permit the passage therethrough of steel rods by which the machine may be lifted and carried about.

15 This construction provides a very simple and convenient way of handling the machine and the present machine is so light, owing to the structure of the frame herein described, that a voting machine complete may be lifted 20 and carried about by two men.

Having thus described my invention, I claim:

1. A voting machine frame comprising a base, a top piece, right and left end pieces, 25 horizontals consisting of central portions, back portions and front portions which are made longer than the back portions, are offset toward the front to overlie the front portion of the contiguous horizontal and are 30 provided with outwardly-turned flanges and means by which the horizontals are secured in place.

2. A voting machine frame comprising a base, a top piece, right and left end pieces, 35 horizontals 25 consisting of central portions, back portions and front portions, a horizontal 31 lying within the front portion of the

lowest horizontal 25 and brackets secured to the base upon which horizontals 31 rest and which are provided with strengthening 40 flanges 33.

3. A voting machine frame comprising a base, a top piece, consisting of a horizontal portion, a front vertical portion and a back vertical portion provided at its lower end 45 with an inwardly-turned flange, right and left end pieces and transverse vertical supports provided with slots which receive the flange upon the back vertical portion of the top piece. 50

4. A voting machine frame comprising a base, a top piece, right and left end pieces consisting of end portions and side portions, reinforcing plates on the inner sides of said side portions, said side portions and reinforcing 55 plates being provided with holes, and tubes passing through said holes and headed down on the outer sides of the side portions to permit the passage of rods for carrying the machine. 60

5. In a voting machine frame of the character described, the combination with end pieces having side portions and reinforcing plates, of tubes passed through the side portions and reinforcing plates and headed 65 down on the outer sides of the side portions, substantially as described, for the purpose specified.

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

CHARLES C. ABBOTT.

Witnesses:

GEO. O. B. HAWLEY,
CHARLES H. PITNEY.