

**No. 652,901.**

**Patented July 3, 1900.**

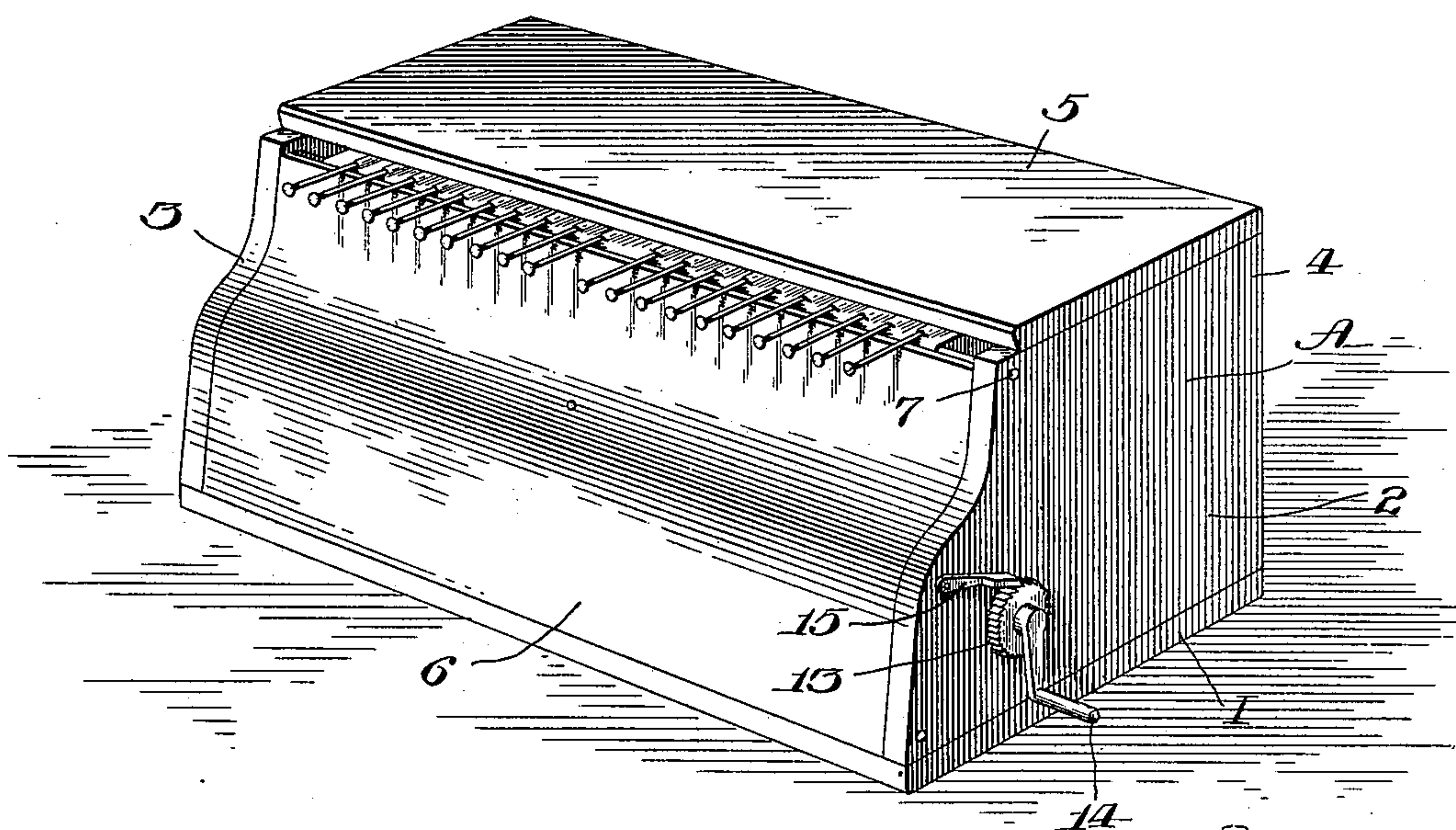
**E. A. ROEBER.**  
**PIN HOLDER.**

(Application filed Oct. 31, 1899.)

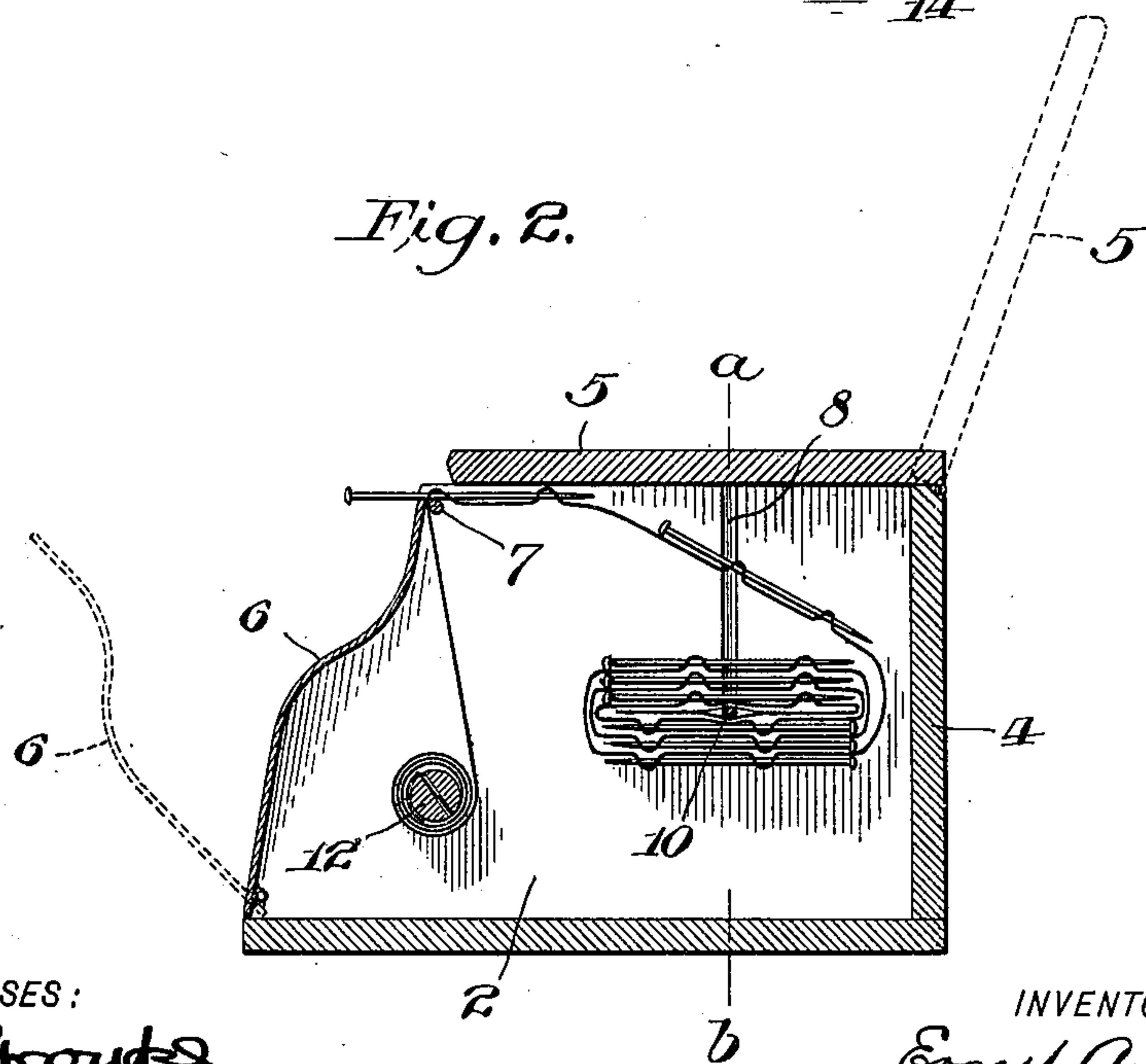
(No Model.)

**3 Sheets—Sheet 1.**

*Fig. 1.*



*Fig. 2.*



**WITNESSES :**

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E. A. ROEBER.  
PIN HOLDER.

(Application filed Oct. 31, 1899.)

(No Model.)

3 Sheets—Sheet 2.

Fig. 3.

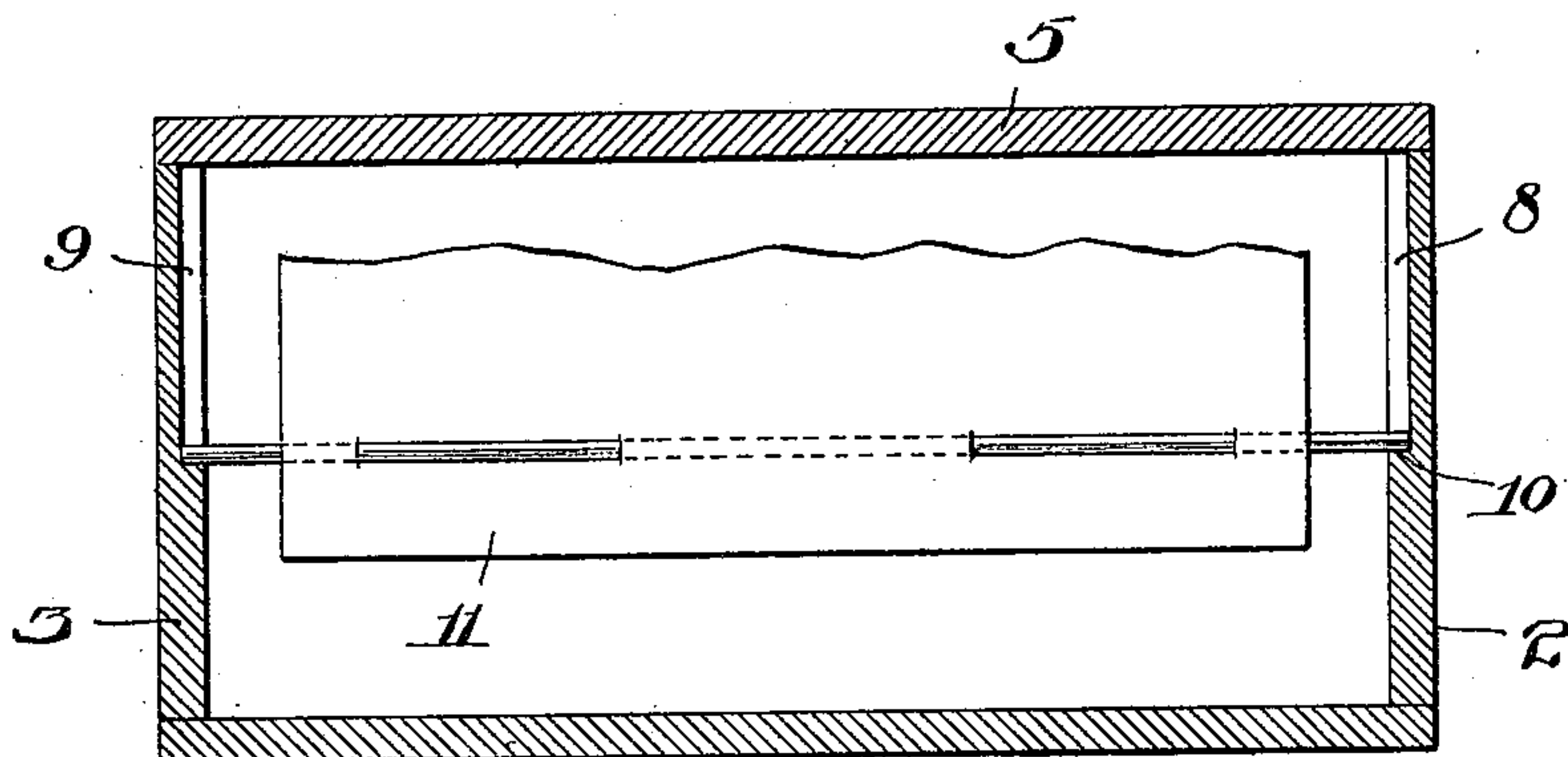
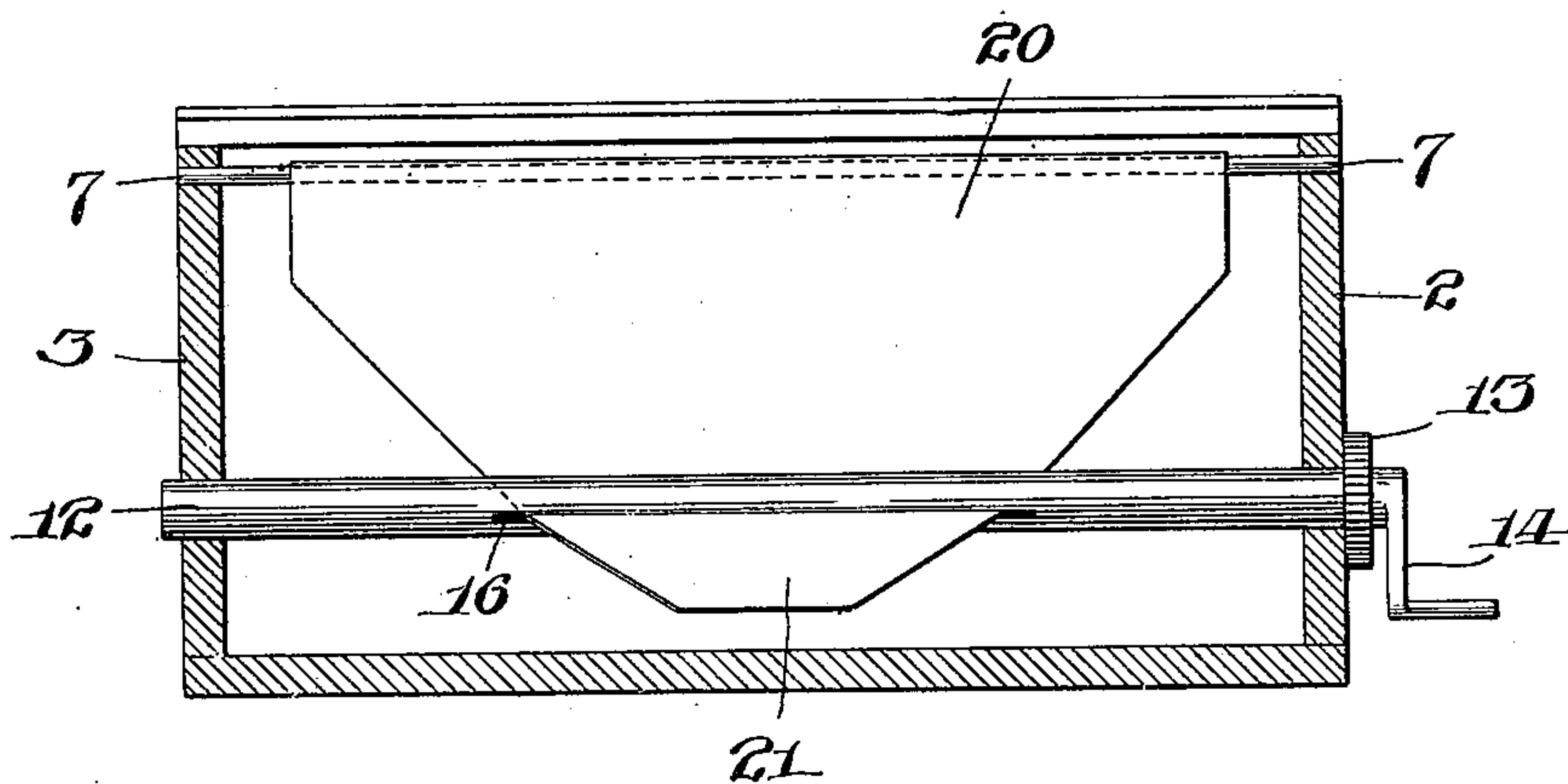


Fig. 4.



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(No Model.)

3 Sheets—Sheet 3.

Fig. 5.

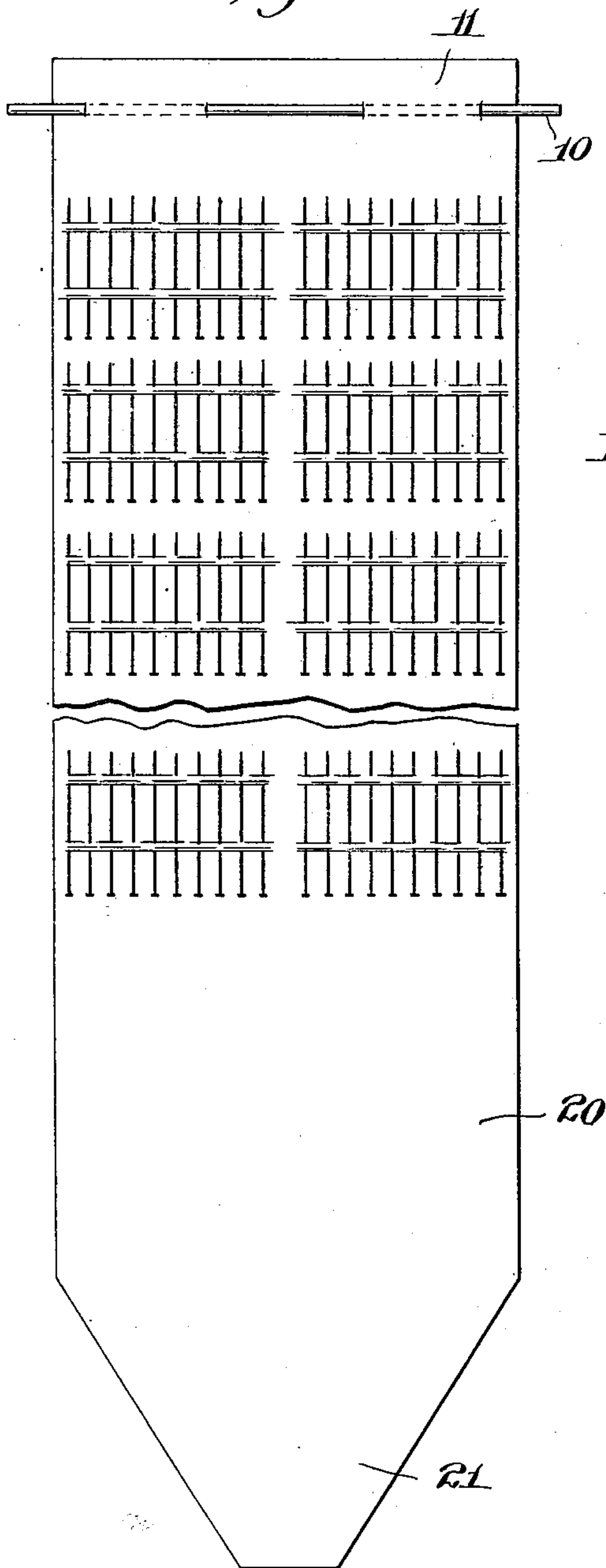


Fig. 7.

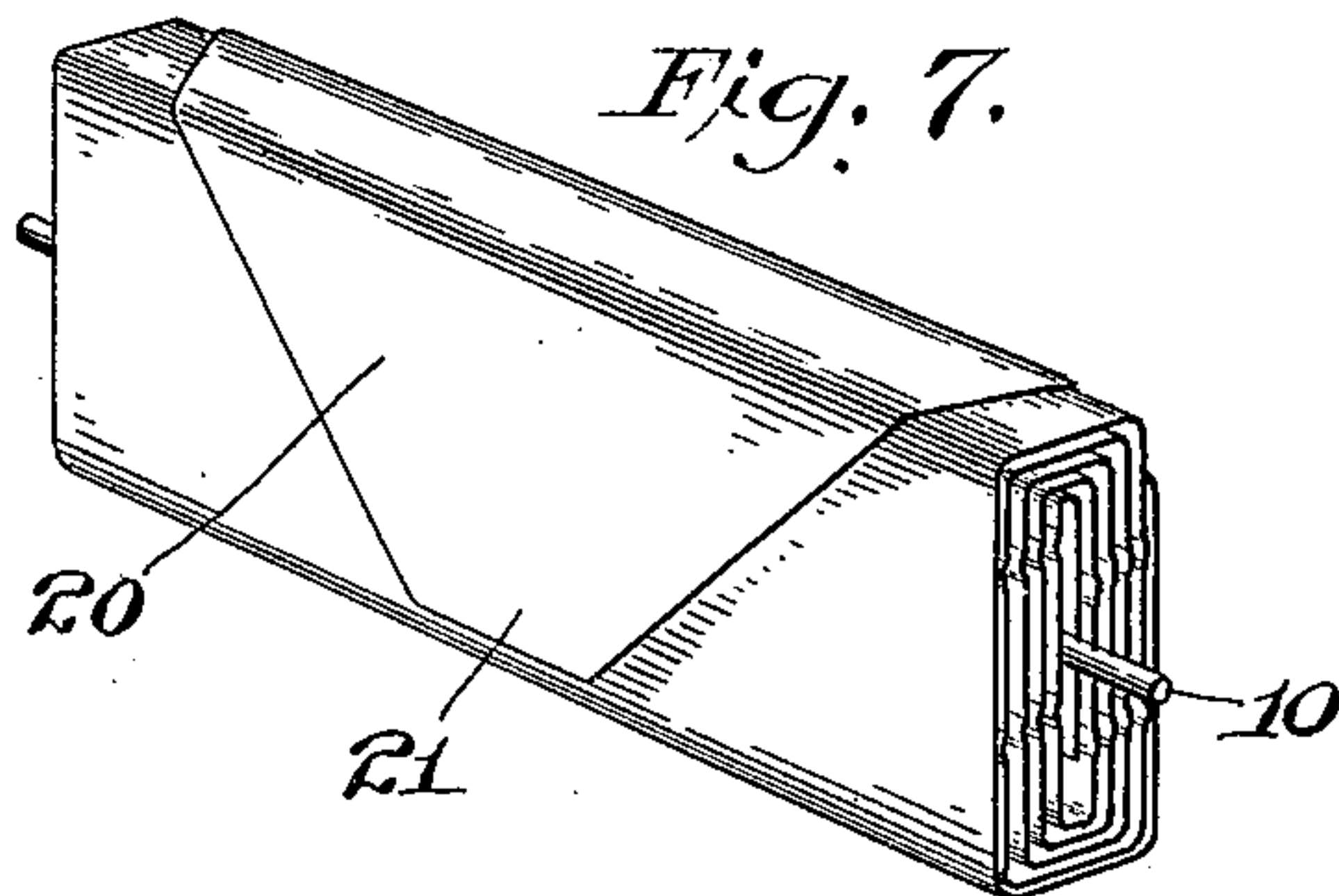
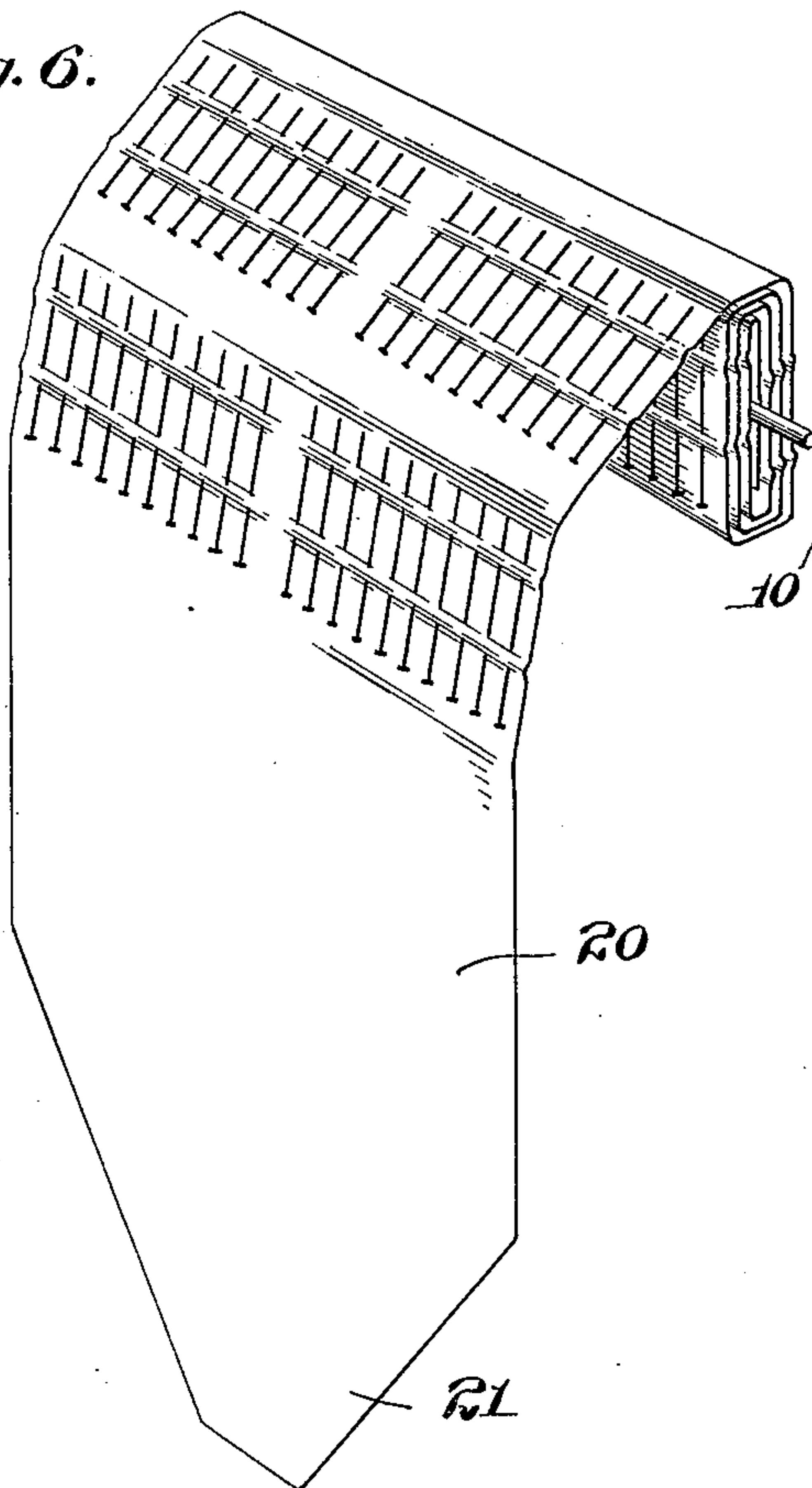


Fig. 6.



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# UNITED STATES PATENT OFFICE.

ERNEST A. ROEBER, OF PHILADELPHIA, PENNSYLVANIA.

## PIN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 652,901, dated July 3, 1900.

Application filed October 31, 1899. Serial No. 735,376. (No model.)

*To all whom it may concern:*

Be it known that I, ERNEST A. ROEBER, a citizen of the United States, residing in the city of Philadelphia, State of Pennsylvania, have invented certain new and useful Improvements in Pin-Cases, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to a generically-novel mechanical device for retaining a roll or paper of pins and delivering or letting off the same by the application of appropriate actuating devices, whereby the rows of pins are successively presented in convenient position at the discharge-outlet to be manually withdrawn from the paper.

It consists of the mechanism constituting a pin-case having the functions stated, as hereinafter described.

In the drawings illustrating my invention, Figure 1 is a front view in perspective of the pin-case; Fig. 2, a vertical section thereof, showing in dotted lines the movement of certain of the parts. Fig. 3 is a section on the line *a b* of Fig. 2, designed to illustrate the construction of the rear portion of the box and of the parts adjacent thereto; and Fig. 4 is a front view, partly in section, of the front portion of the box and the parts adjacent thereto, the front lid being lowered, as shown in dotted lines in Fig. 1. Fig. 5 is a front elevation of a paper of pins prepared for insertion in the pin-case; Fig. 6, a view of the same in perspective partly rolled up and in place on the supporting-rod, and Fig. 7 is the rolled-up paper of pins ready for insertion in the machine and as I propose to put them up for such use.

The object of the invention is to supply a handy case for holding and retaining a paper of pins and for delivering the same by actuating devices which feed forward each row of pins and successively present the projecting heads of such row at the discharge-outlet of the case, from which the pins may be manually withdrawn singly as needed.

The box or containing-case A is composed of a base wall 1, side walls 2 3, and rear wall 4, fastened together, and a removable top wall 5, preferably hinged to the rear wall.

To the side walls 2 and 3, at or near the base thereof, is hinged a front wall 6, of any convenient shape, but which terminates slightly below the top edge of the side walls and slightly below a guiding-bar 7, mounted therein. (See Figs. 2 and 4.) The side walls 2 3 have vertical parallel grooves 8 9 cut in them to supply a bearing for a removable thin rod 10, which is passed through the rear end of a paper or roll of pins 11. The paper of pins is wound on this rod, as shown in Fig. 2. The forward part of the box is provided with a transverse guiding-bar 7, which is supported in the opposite side walls 2 3 at or near the top and front edge thereof. (See Figs. 1, 2, and 4.) The forward end of the paper of pins passes over this rod. A winding-up rod 12 has its bearings in the opposite side walls 2 3 at a point therein near the base of the said walls below and in about the same vertical plane with the guiding-bar 7. One end of said winding-up rod 12 projects through the side wall and has mounted fast therein a ratchet-wheel 13 and crank-handle 14, a pawl 15 being pivoted in the side wall of the box.

I have described in an accompanying application for patent therefor, Serial No. 740,252, filed December 14, 1899, a specially-prepared roll of pins and shown the same in Figs. 5, 6, and 7 of the drawings of the present application, which I prefer to employ in the machine or device herein described and claimed. The ordinary paper of pins as commonly sold in the trade at present consists of parallel series or rows of pins stuck in the paper, the latter being then folded over the rows of pins, bringing the pins on the inside of the roll, and each half of the whole number or series of rows beginning at each end of the roll have their points toward the center of the roll. For the purpose of my invention such a roll of pins is not suitable unless the roll is separated in the middle and the roll folded inside out, and not then if the rows are so close together as to prevent such a reverse folding. Hence I have shown herein in said Figs. 5, 6, and 7 a roll or paper of pins constructed in a manner best adapted for use with my improved pin-case.

The operation of the device is as follows: The rear end 11 of the roll of pins is punctured



laterally by the removable rod 10, as seen in Fig. 3, and wound thereon, as seen in Fig. 2, and said wound-up roll and its rod 10 then placed in position in the box, the ends of the rod 10 dropping into the guides 8 9 in the side walls of the box. The free end 20 of the roll of pins (which is free of pins and has a lip 21, as before stated) is then carried forward over the guide-bar 7 and passed through a lateral slot 16 in the winding-up rod 12. A turn of the ratchet-wheel will pull the same forward as desired. When the parts are in place, as stated, the movable front wall 6 may be restored to normal vertical position, and in that position the straight edge of its free side will be parallel with and immediately below the guiding-rod 7, over which the roll of pins passes. In rolls of pins as commonly put up for sale and also in my roll the pins are stuck in the paper in such manner that the central portion of the pin only is in the paper, leaving the head and a part of the body of the pin projecting. Hence a turn of the delivery-rod 12 will draw the paper down over the guide-rod 7, and the change of direction of movement of the paper over said rod (see Fig. 2) will cause the heads and part of the body of the pins of each row in succession to project through the slot formed by the top edge

of the wall 6 and top wall 5, as seen in Figs. 1 and 2. 30

Having thus described my invention, I claim as new—

1. A pin-case comprising in combination a removable roll-holding rod 10, slotted bearings therefor in the walls of the case, a guide-rod 7 over which the paper-roll of pins is fed forward, and a winding-up rod 12 with means to rotate the same, whereby parallel rows of pins are successively fed forward, and their heads projected through a slot or opening in the case; substantially as described. 35 40

2. A pin-case comprising fixed side walls 2, 3 and hinged top and front walls, 5 and 6, a roll-holding rod 10, open grooves 8, 9 in said fixed side walls, a guide-rod 7, a longitudinally-slotted winding-up rod 12, having its bearings in the said fixed side walls, a ratchet and pawl mounted on a projecting end thereof, and means to rotate said rod; substantially as described. 45 50

In testimony whereof I have hereunto affixed my signature this 23d day of October, A. D. 1899.

ERNEST A. ROEBER.

Witnesses:

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WALTER C. PUSEY.