

No. 694,082.

Patented Feb. 25, 1902.

R. WOERNER.  
APPARATUS FOR PRESSING CIGARS.

(Application filed Oct. 14, 1901.)

(No Model.)

2 Sheets—Sheet 1.

FIG. 1.

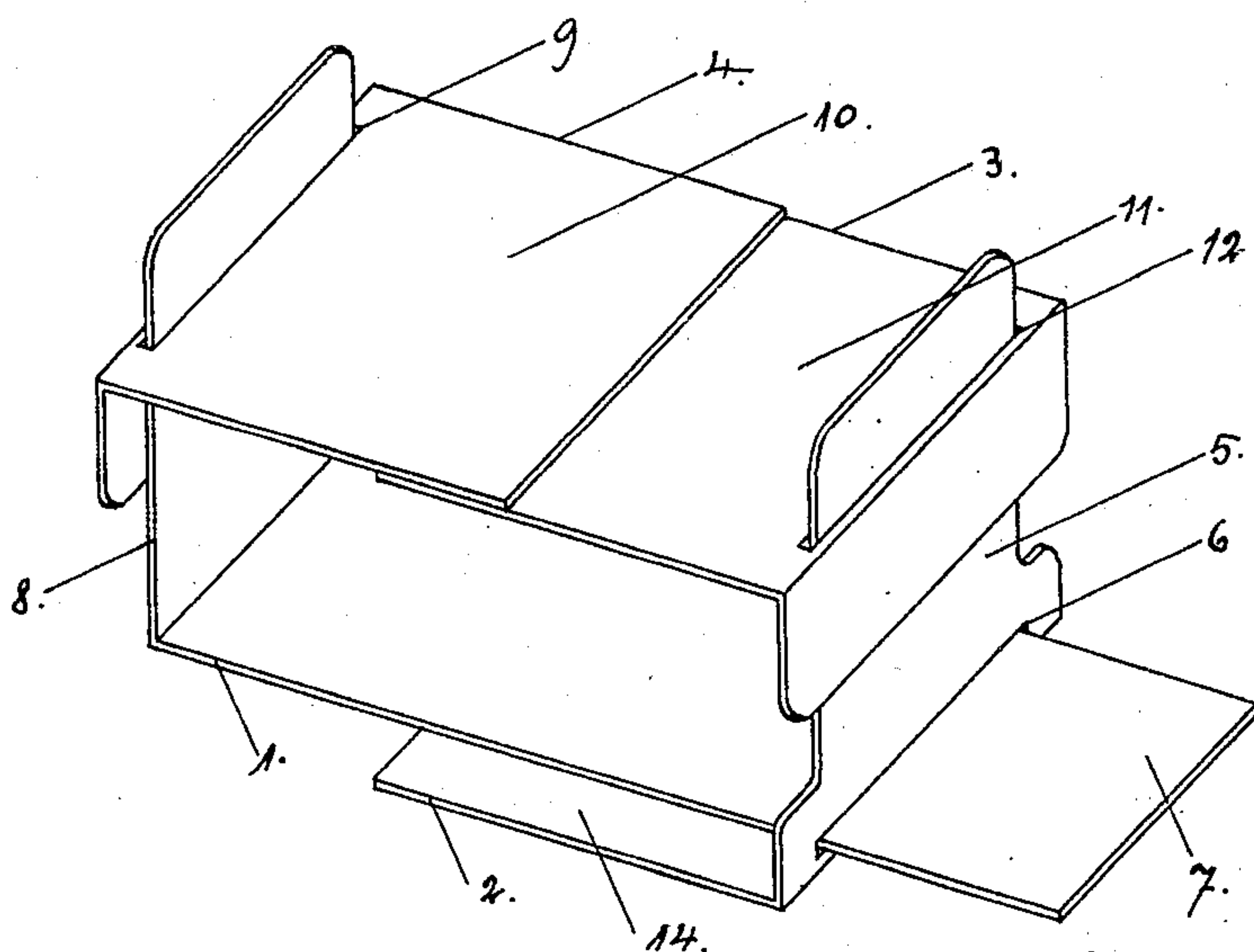


FIG. 2.

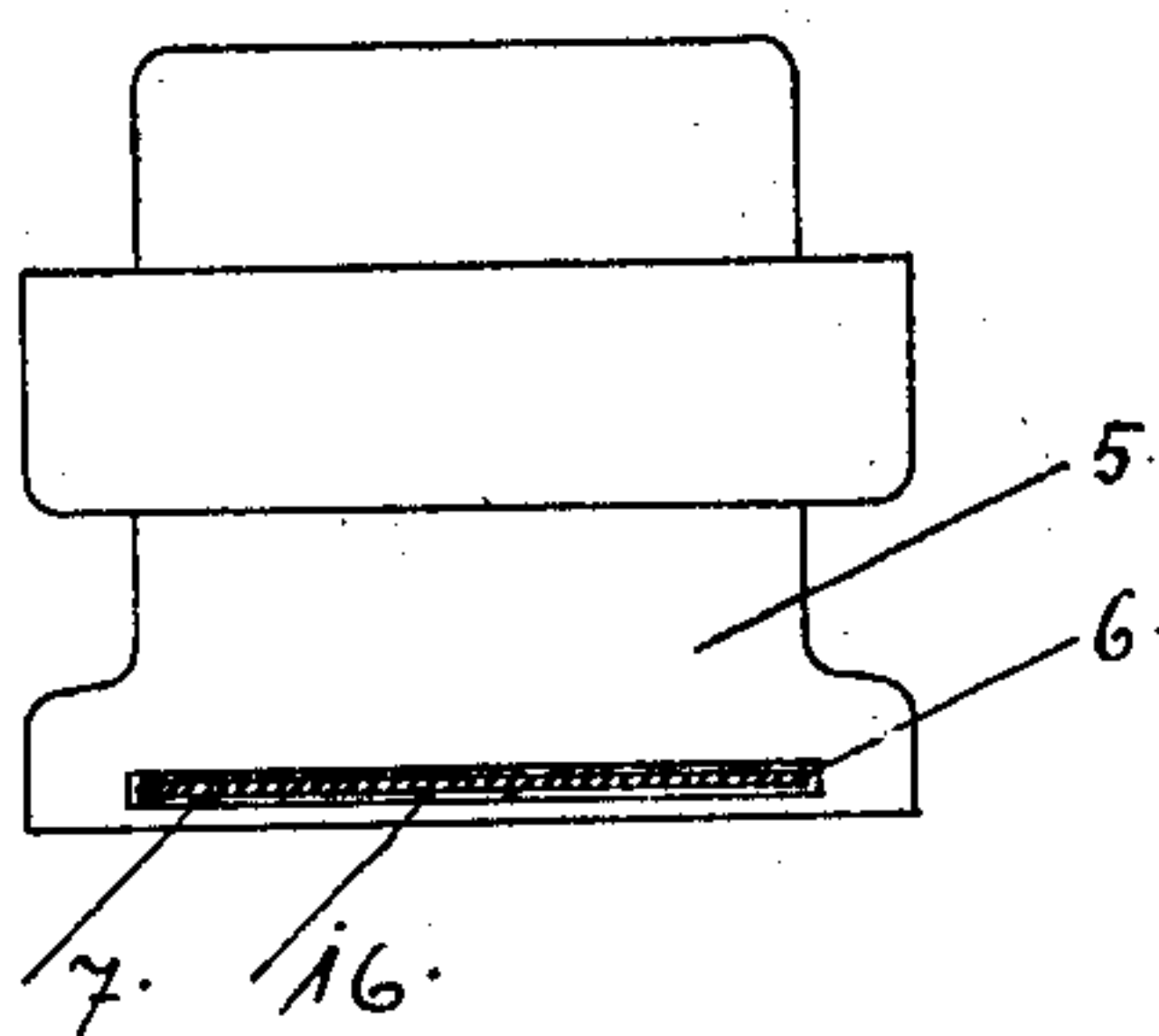


FIG. 3.

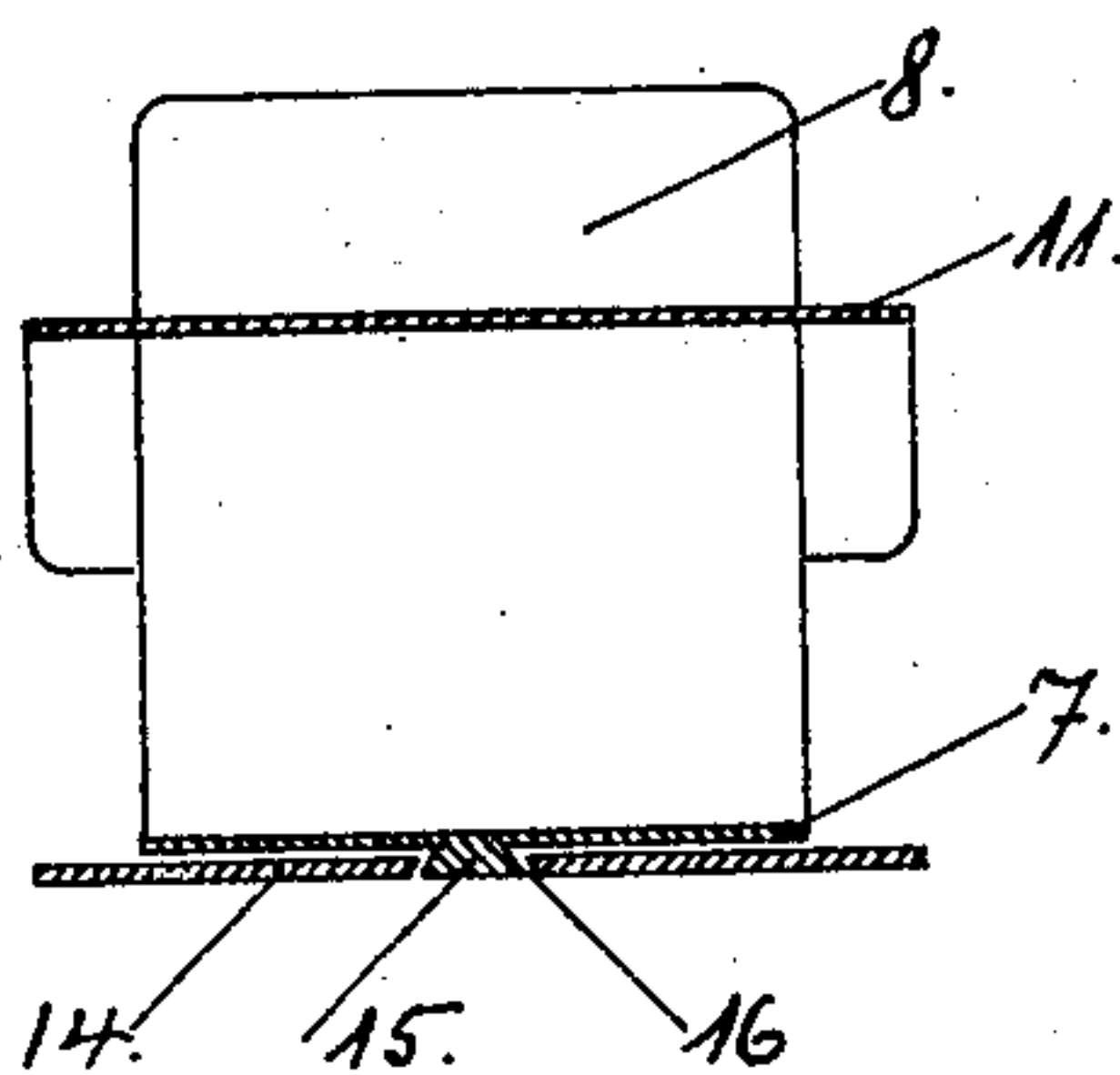
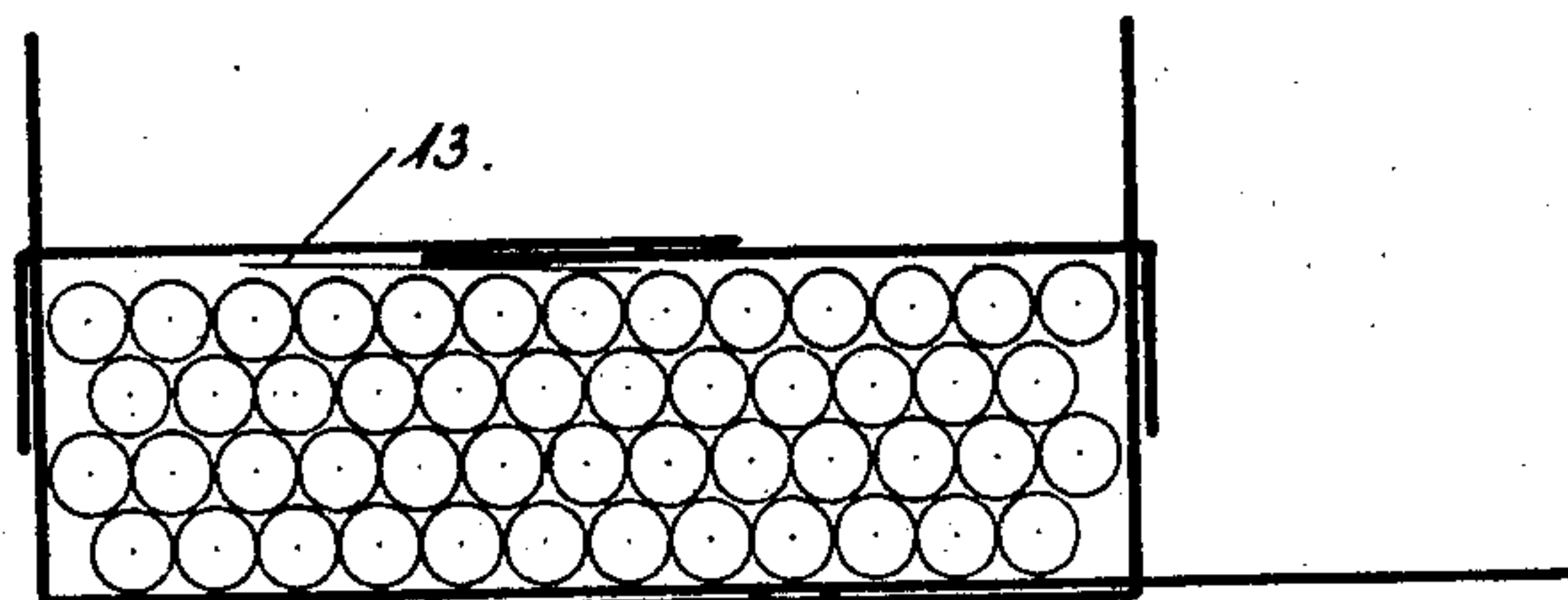


FIG. 4.



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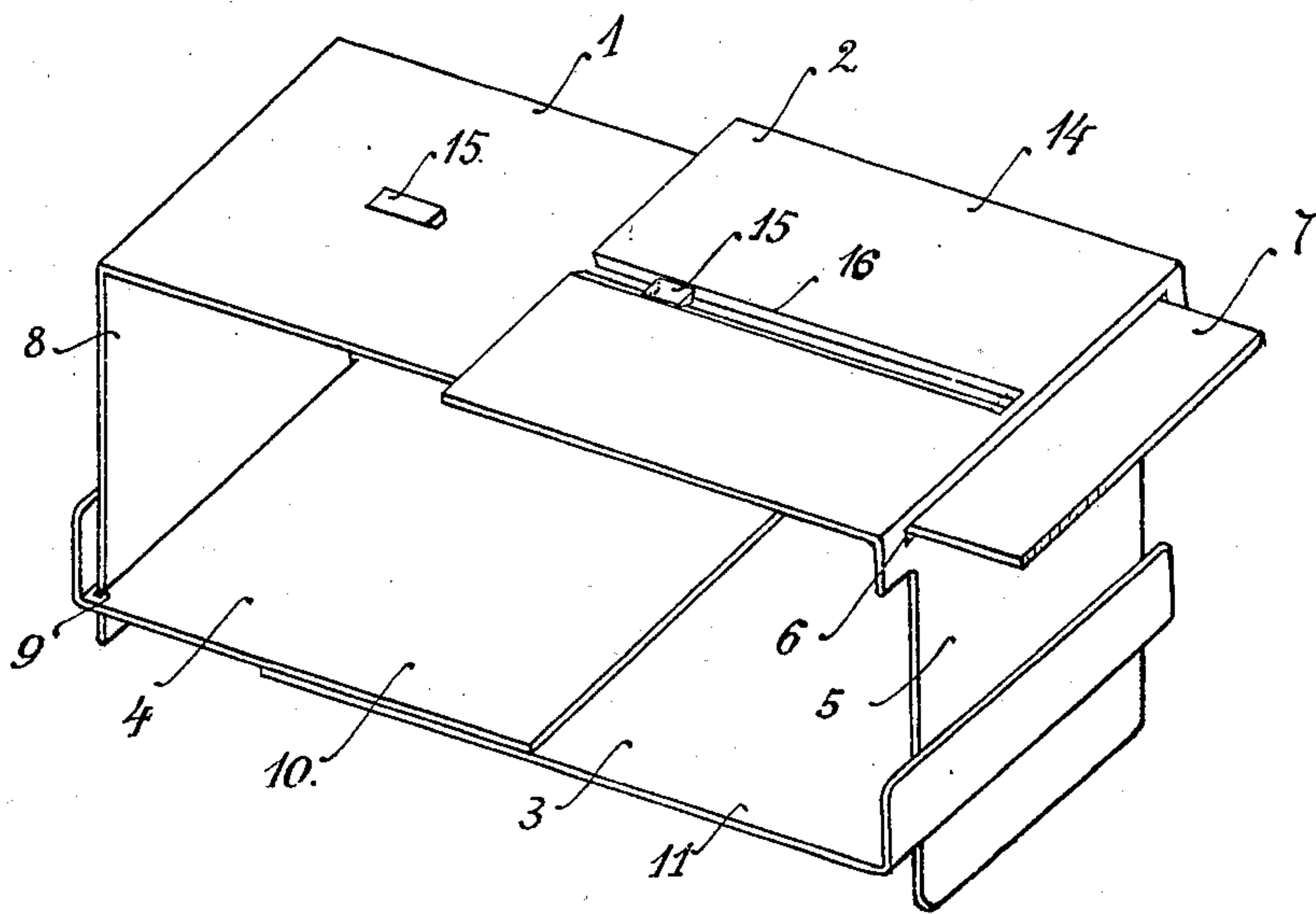
APPARATUS FOR PRESSING CIGARS.

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2 Sheets—Sheet 2.

Fig. 5.



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# UNITED STATES PATENT OFFICE.

ROBERT WOERNER, OF MANNHEIM, GERMANY.

## APPARATUS FOR PRESSING CIGARS.

SPECIFICATION forming part of Letters Patent No. 694,082, dated February 25, 1902.

Application filed October 14, 1901. Serial No. 78,625. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT WOERNER, manufacturer, a subject of the German Emperor, residing at Mannheim, Germany, have  
5 invented new and useful Improvements in Pressing Apparatus for Cigars, of which the following is a specification.

This invention relates to an improved apparatus for pressing cigars previously to being packed. The devices which are used at  
10 present for the same purpose have the disadvantage that the cigars are injured by the apparatus while being pressed, so that the pressing has to be done very carefully, which re-  
15 quires much time.

The object of my invention is to improve the construction of such pressing devices in such a manner that any number of cigars can be submitted to an equal pressure from all  
20 sides without any damage to the goods, even if submitted to a very high pressure.

In the accompanying drawings the improved pressing apparatus for cigars is shown, in Figure 1, in a perspective view. Fig. 2 is  
25 an end view of the apparatus, which is shown in Figs. 3 and 4 in cross and longitudinal sections, respectively. Fig. 5 is a view of the apparatus turned upside down to show how plates 14 and 1 are guided one upon the other.

30 The apparatus consists of four plates 1, 2, 3, and 4, the outer ends of which are bent at right angles and which are adjustably connected with one another in a peculiar manner, hereinafter more fully described. The  
35 vertical part 5 of the lower bottom plate 2 has a slot 6 to receive the horizontal part 7 of the upper bottom plate 1, the vertical part 8 of which projects through a slot 9, provided in the horizontal part 10 of the top plate 4. The  
40 vertical part 5 of bottom plate 2 is somewhat smaller at the upper end and projects through a slot 12, arranged in the horizontal part 11 of the lower top plate 3. On the lower side of the upper bottom plate 1 a dovetailed pro-  
45 jecting rib 15 is provided, which slides in a dovetailed groove 16 of the lower bottom plate 2.

To use the apparatus for pressing cigars before packing, the top plates 3 and 4 are removed and the bottom plates 1 and 2 adjusted to offer the necessary space required by  
50 the quantity of cigars to be packed. The cigars are packed on the bottom plates between the vertical parts 5 and 8 of the same, a protecting-plate 13, Fig. 4, is placed on top of  
55 the cigars, and the top plates 3 and 4 are put in proper place, with the slots 12 and 9 over the vertical parts 5 and 8 of the bottom plates. The cigars contained in the apparatus may now be submitted in either vertical or hori-  
60 zontal direction to a pressure of any degree without risk of damage, as there are no projecting parts in the inner side of the apparatus.

Having now particularly described my in-  
65 vention, what I claim, and desire to secure by Letters Patent, is—

Improved pressing apparatus for cigars comprising in combination two bottom plates the outer ends of which are bent upward at  
70 right angles, a slot in the vertical part of the lower bottom plate, to receive the inner end of the horizontal part of the upper bottom plate, a dovetailed projecting rib on the lower side of the upper bottom plate, a dovetailed  
75 groove in the lower bottom plate for the reception of the said projecting rib to prevent a sidewise displacement of these plates on one another, two top plates, the outer ends of which are bent downward at right angles, and  
80 two slots one in each horizontal part of the top plates for the reception of the vertical parts of the bottom plates substantially as described and shown.

In testimony whereof I have hereunto set  
85 my hand in presence of two subscribing witnesses.

ROBERT WOERNER.

Witnesses:

JACOB ADRIAN,  
PAUL HAY.