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PATENTED MAY 1, 1906.

H. J. BEAUCHAMP.  
SINGLE DELIVERY MATCH BOX.  
APPLICATION FILED APR. 8, 1905.

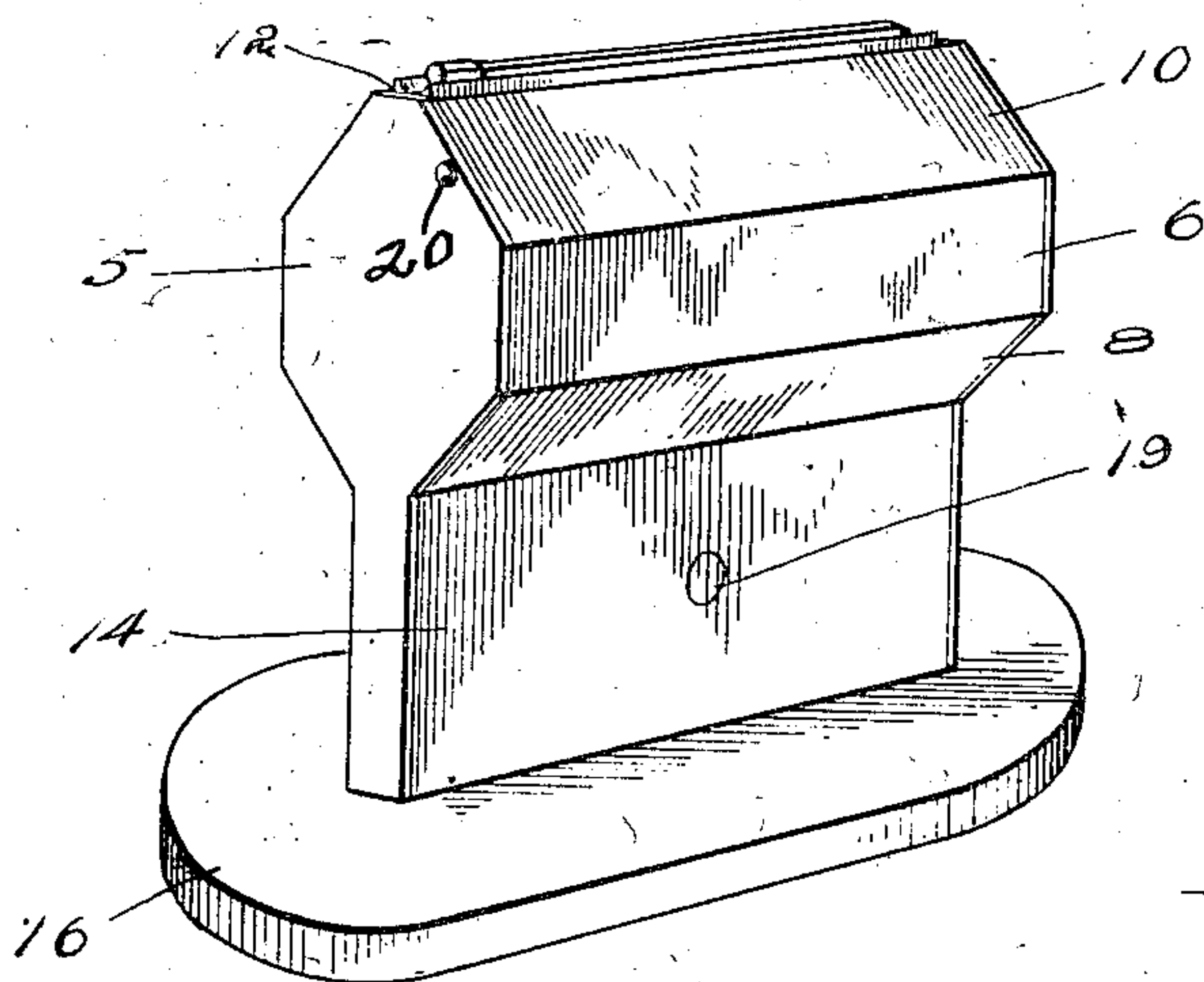


Fig. 1

Fig. 2

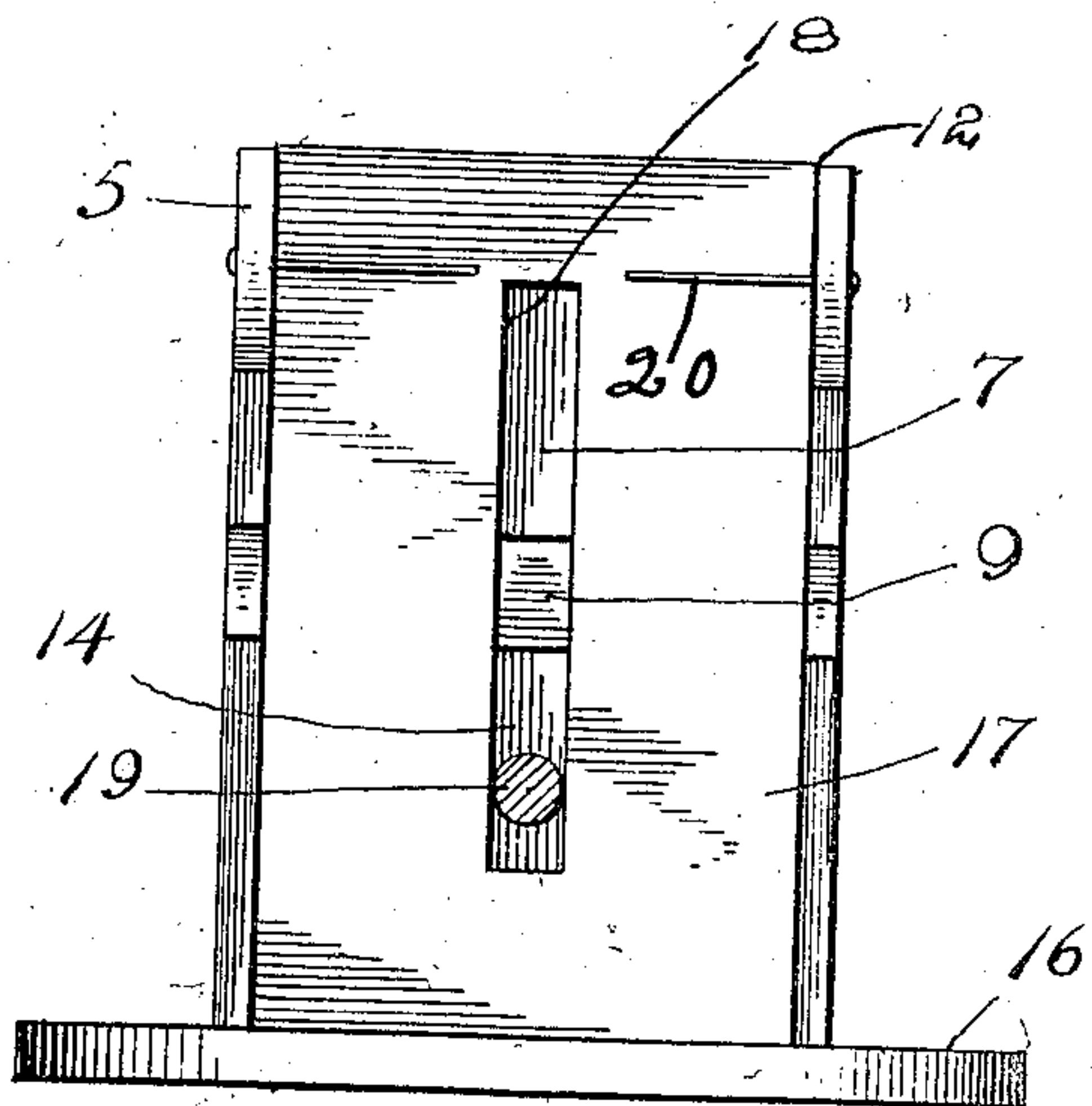
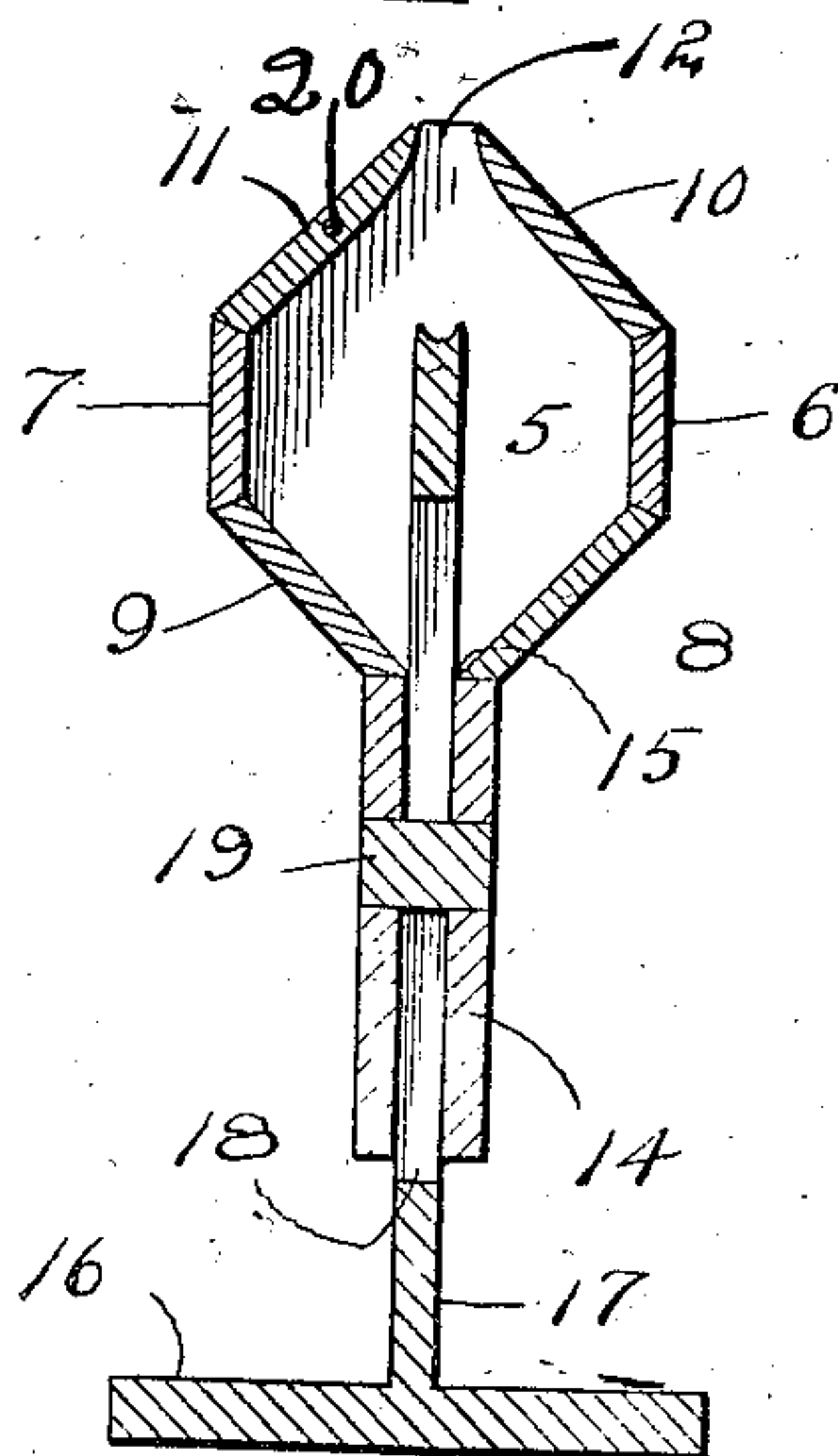


Fig. 3



Witnesses:  
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# UNITED STATES PATENT OFFICE.

HILARY J. BEAUCHAMP, OF VOSSEN, CANADA.

## SINGLE-DELIVERY MATCH-BOX.

No. 819,501.

Specification of Letters Patent.

Patented May 1, 1906.

Application filed April 8, 1905. Serial No. 254,514.

*To all whom it may concern:*

Be it known that I, HILARY J. BEAUCHAMP, a citizen of the United States, residing at Vossen, in the Province of Saskatchewan, Northwest Territories, Dominion of Canada, have invented certain new and useful Improvements in Single-Delivery Match-Boxes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to match-boxes, and more particularly to that class known as "single-delivery" match-boxes, the object of the invention being to provide a construction which will be cheap and simple in construction and efficient in its operation.

A further object of the invention is to provide a match-box which will include a minimum number of parts.

In the drawings, forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a perspective view of the match-box with a match in position for removal. Fig. 2 is an elevation of the box with one side removed. Fig. 3 is a vertical section through the box with the body in raised position.

Referring now to the drawings, the present match-box comprises a body portion 5, the central portion of the sides of which are vertical and parallel, as shown at 6 and 7, while the lower portions 8 and 9 of the sides converge downwardly, and the upper portions 10 and 11 of the sides converge upwardly to the longitudinal slot 12. This portion of the box forms the hopper in which the matches are held.

From the body 5 of the box extends downwardly a cross-sectionally rectangular tubular stem 14, which extends from the lower end of the box and which stem communicates with the hopper through the slot 15 between the bottom downwardly-convergent portions of the sides of the box.

In connection with the parts of the box above described there is employed a base 16, from which projects upwardly a plunger 17, which is rectangular both in elevation and cross-section and which is slidably fitted in the tubular stem of the body of the box. The tubular stem is adapted to rest upon the base, in which position the plunger passes

upwardly through the stem and the body and terminates flush with the spaced edges of the upwardly-convergent upper portions of the sides of the body, the upper end edge of the plunger being grooved longitudinally, as illustrated, and the groove being of such depth that when a match is laid therein and the parts are in the positions above described the match will project from the body of the box. It will be noted that the convergent arrangement of the upper portions of the sides of the body facilitates grasping of the match with the thumb and first finger as it lies in the groove of the plunger.

In the plunger is a longitudinal slot 18, through which is passed a pin 19, that is engaged in the sides of the tubular stem of the box. The slot is of such length and location that the pin will strike the top of the slot after the body of the box has been raised sufficiently far for the grooved upper edge of the plunger to lie in the tubular stem, at which time a match may pass from the body of the box into the stem and into the groove. If the body of the box is then released, it will drop and the match will be projected, with the plunger, from the top of the box.

To facilitate introduction of matches into the box, the member 11 thereof is pivotally mounted upon a longitudinal shaft 20, so that by pressing against the upper longitudinal edge the lower longitudinal edge will be swung outwardly to permit of introduction of matches therebelow.

What is claimed is—

A match-box comprising a body portion including ends and sides, the upper portion of the sides being converged upwardly and having their adjacent edges rounded and spaced apart to form a slot in the top of the body and having the lower portions of its sides converged downwardly and spaced apart at their lower edges and forming a slot in the bottom of the body, a pin engaged through one of said upper side portions and through said ends, a cross-sectionally angular tubular stem depending from the body and communicating therewith through said bottom slot, a base, a plunger carried by the base and projecting upwardly therefrom and engaged slidably in said tubular stem, said plunger being of a length to lie with its upper end edge flush with the edges of the upper slot in the body of the box when the lower end of the stem is upon the base, the said

plunger being of a less diameter than the lower portion of the upper slot and of substantially the same width as the upper portion of the said slot, and means for limiting  
5 upward sliding movement of the body and stem with respect to the plunger when the upper end edge of the plunger shall have entered the tubular stem, said upper end edge

of the plunger having longitudinal grooves therein.

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

HILARY J. BEAUCHAMP.

Witnesses:

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