

No. 716,921.

Patented Dec. 30, 1902.

W. H. MULLOY.  
MAIL PACKAGE BOX.

(Application filed June 4, 1902.)

(No Model.)

Fig. 2.

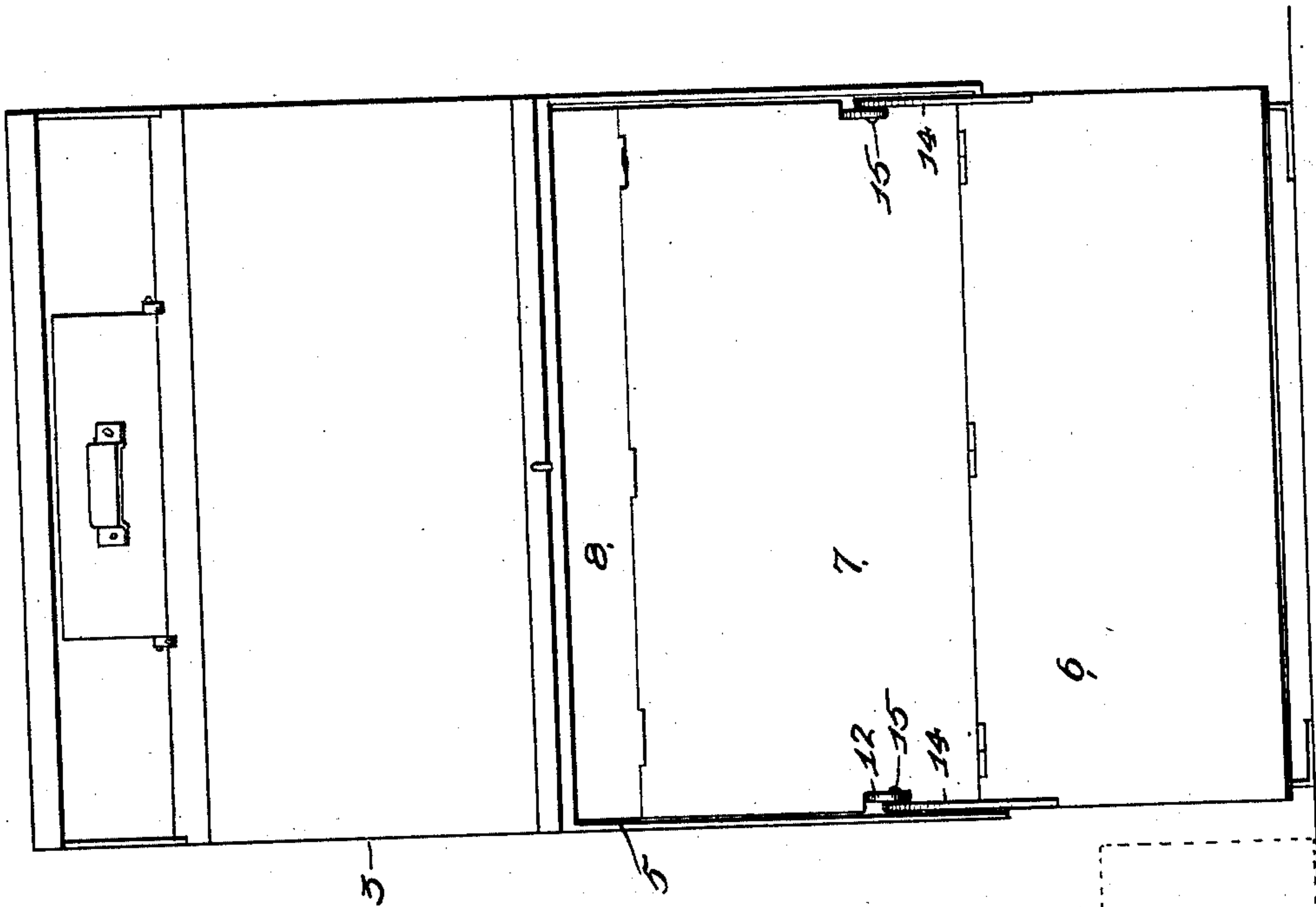
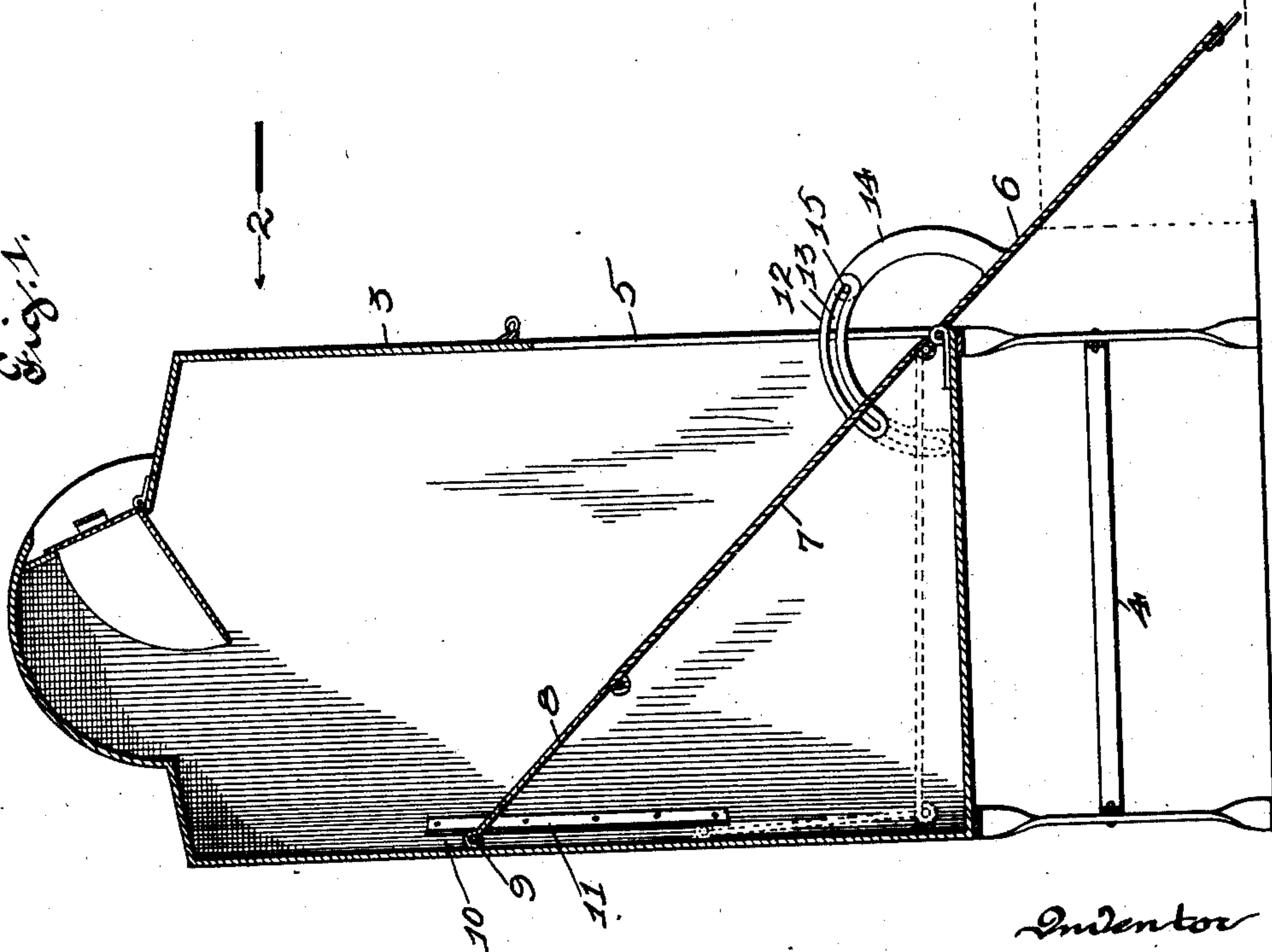


Fig. 1.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## MAIL-PACKAGE BOX.

SPECIFICATION forming part of Letters Patent No. 716,921, dated December 30, 1902.

Application filed June 4, 1902. Serial No. 110,197. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. MULLOY, of the city of St. Louis, State of Missouri, have invented certain new and useful Improve-  
5 ments in Mail-Package Boxes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My object is to construct an improved mail-  
10 package box; and my invention consists of a suitable box having an opening in the lower part of its front side, a door hinged at its lower edge to the box, a false bottom hinged at its front edge to the box, an extension hinged  
15 to the rear edge of the false bottom and having its rear edge slidably connected to the box, and a connection between the door and the false bottom, whereby the false bottom is raised to an inclined position when the door  
20 is lowered to an inclined position, thus providing an incline for the packages to slide out of the box.

Figure 1 is a sectional elevation through the center of Fig. 2. Fig. 2 is a front elevation looking in the direction indicated by the  
25 arrow in Fig. 1.

Referring to the drawings in detail, the box 3 is of the ordinary construction, mounted upon the supporting-frame 4, and has an opening 5 in the lower part of the front wall through which the packages may be removed from the box. The door 6 is hinged at its lower edge to the forward edge of the bottom of the box and adapted to swing upwardly to  
30 close the opening 5. The false bottom 7 is hinged at its forward edge to the box 3, and the extension 8 is hinged to the rear edge of the false bottom 7, and the upper edge of the extension 8 is slidably connected to the box 3  
40 by having the wire 9 projecting into the slots 10 between the angle-bars 11 and the rear wall of the box. The segmental arms 12, having the segmental slots 13, extend upwardly and forwardly from the false bottom 7, and  
45 the segmental arms 14 extend backwardly and downwardly from the door 6. The pins 15, fixed in the ends of the arms 14, slidably operate in the slots 13, thus forming a sliding connection between the door 6 and the  
50 false bottom 7, whereby the bottom 7 is elevated to an inclined position when the door 6 is lowered to an inclined position, thus forming an inclined plane down which the packages will slide out of the box 3. The slots 13

provide lost motion between the door 6 and the false bottom 7, so that when the bottom is in a horizontal position the door is at substantially right angles to the bottom and in its closed position. When the door is opened, it will swing downwardly to a horizontal position before the bottom 7 is removed. Then if the door is further depressed the bottom will be correspondingly raised.

I claim—

1. An improved mail-package box consisting of a suitable box having an opening in the lower part of its front side; a door hinged at its lower edge to the box; a false bottom hinged at its front edge to the box; an extension hinged to the rear edge of the false bottom and having its rear edge slidably connected to the box; and a connection by means of segmental arms having slot-and-pin connection between the door and the false bottom, whereby the false bottom is raised to an inclined position when the door is lowered to an inclined position, thus providing an incline for the packages to slide out of the box; substantially as specified.

2. A device of the class named, consisting of a receiving-box having an opening in the lower part of its front side, a door adapted to close the opening and hinged at the bottom of the opening, a false bottom hinged to the front lower edge of the box, an extension hinged to the back of the false bottom and having its upper edge provided with a wire, the ends of which are capable of movement in a vertical plane and controlled by guides fastened to the sides of the box, segmental arms extending backwardly from the door and provided at their inner ends with pins slidably mounted in slots contained in segmental arms which extend upwardly and forwardly from the false bottom, whereby the false bottom and its rear extension are raised to an inclined position when the door is opened and lowered to an inclined position, thereby providing a continuous chute whereby the contents of the box will slide out of the box, substantially as and for the purposes specified.

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

WILLIAM H. MULLOY.

Witnesses:

ALFRED A. EICKS,  
M. G. IRION.