

No. 861,962.

PATENTED JULY 30, 1907.

M. FRIEDMAN.
DISPLAY BOX.

APPLICATION FILED DEC. 19, 1904.

Fig. 1.

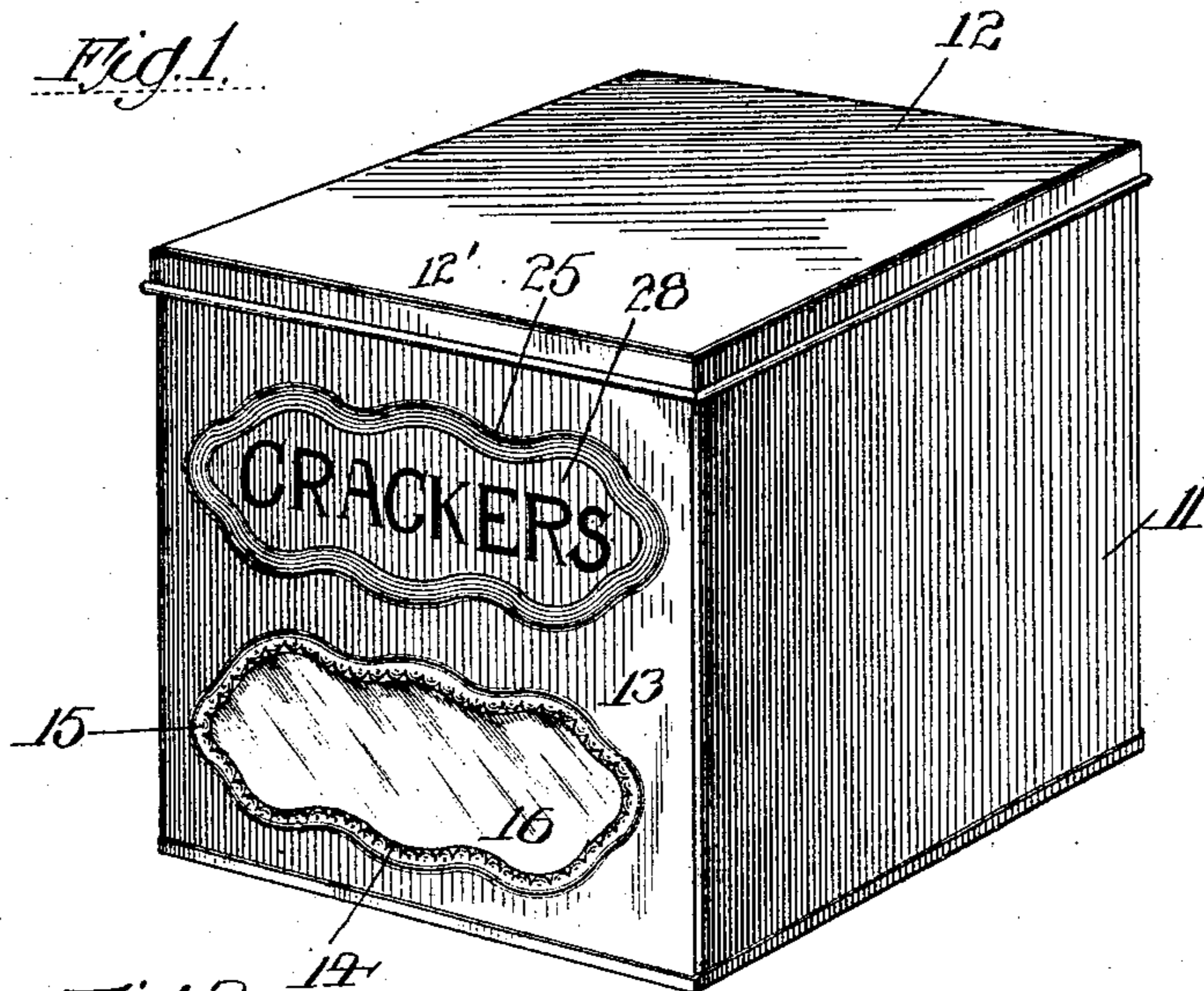


Fig. 2.

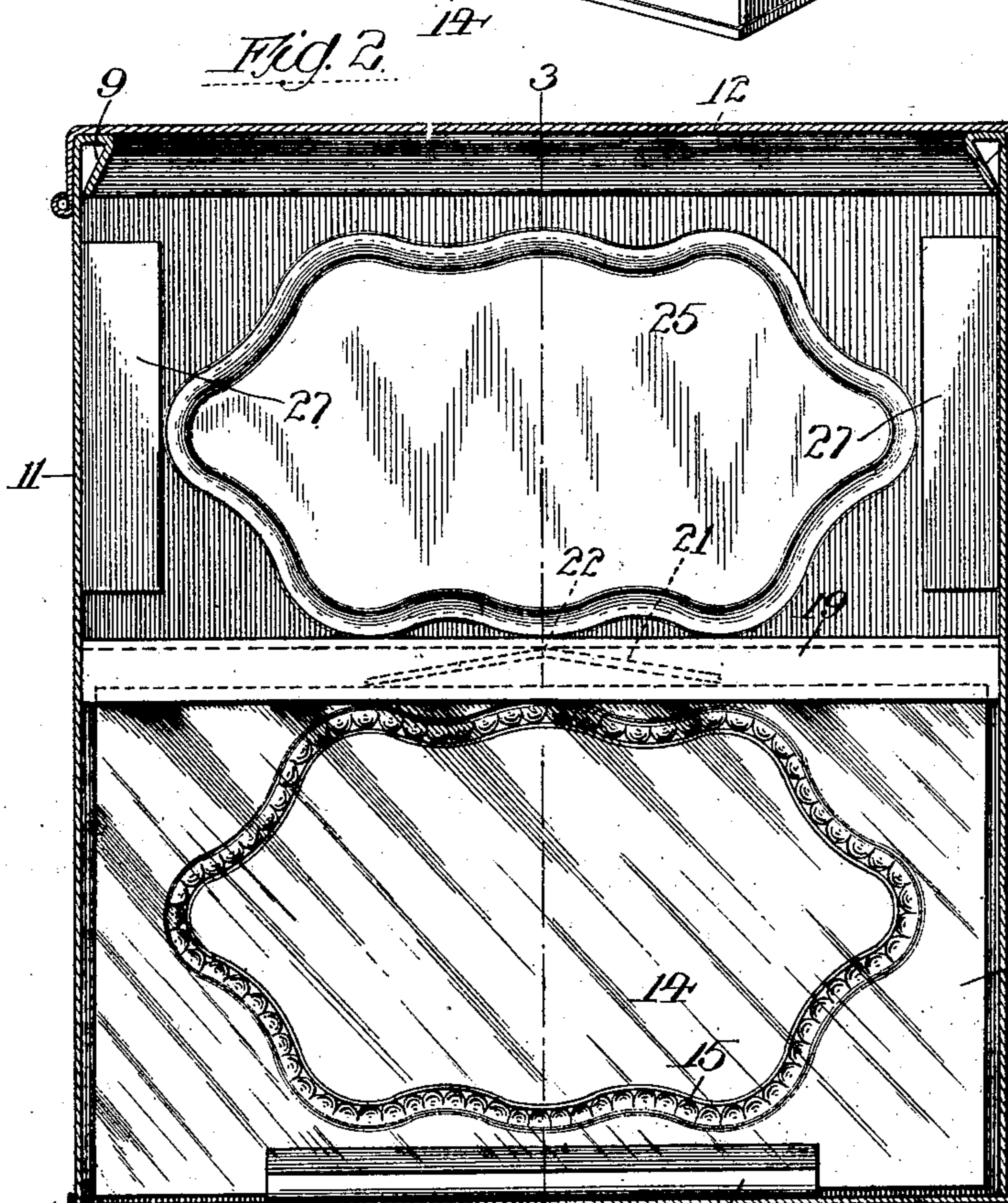
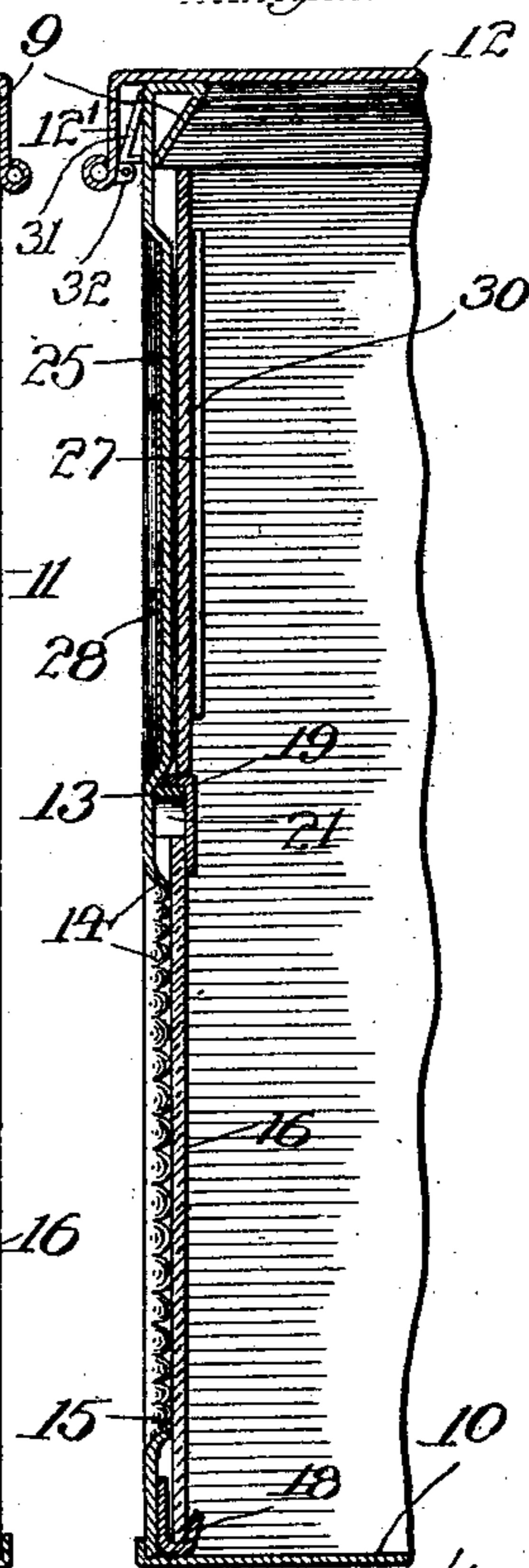


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

MORRIS FRIEDMAN, OF CHICAGO, ILLINOIS, ASSIGNOR TO NORTHWESTERN CAN COMPANY,
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DISPLAY-BOX.

No. 861,962.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MORRIS FRIEDMAN, a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Display-Boxes, of which the following is a full, clear, and exact description.

The invention relates to display-boxes and more particularly to those used for containing and displaying bakery goods, such as crackers etc.

10 The invention designs to provide a display-box which comprises a transparent plate through which the goods are displayed and which is removable so the box can be cleaned, and in which the front of the box is made rigid to avoid indentation or injury
15 while the box is being cleaned or handled.

The invention consists in the several novel features hereinafter set forth and more particularly defined by claim at the conclusion hereof:

20 In the drawings: Figure 1 is a perspective of a box embodying the invention. Fig. 2 is a vertical section through the box looking toward the front thereof. Fig. 3 is a vertical section on line 3—3 of Fig. 2.

The box comprises a bottom 10, sides 11, and a back to which is hinged a cover 12, all of which are
25 formed of sheet metal and are of usual construction. The upper edges of the box are reversed as at 9 to stiffen the parts. The front 13 of the box is usually formed of a plate of brass or other suitable material, which can be polished. A display opening 14, through
30 which the goods can be seen, is formed in the lower portion of the front and the edge around said opening is bent inwardly and crimped as at 15. Behind said opening is held a transparent plate (glass) 16 for closing the display-opening. The lower edge of plate 16
35 is held in a strip 17, which is secured to front 13 and has an inclined upturned edge 18 forming a seat for the lower edge of plate 16. The upper edge of plate 16 is held between the inturned edge 15 of the front and an angular strip or bar 19 which is secured (preferably by solder) to the front 13 and extends between
40 the box-sides 11. A resilient strip or spring 21 has its central portion 22 secured to the horizontal web of strip 19, and its free ends extended to engage the upper edge of plate 16, and yieldingly holds the plate
45 downwardly so the lower edge of the plate will be firmly held in place in strip 17. The plate can be removed by upward shift against the force of spring 21, until the lower edge of the plate is clear of the inclined upturned edge 18 of strip 17. The lower portion can
50 then be swung backwardly, so the upper edge can be lowered to pass out of and beneath the lower edge of strip 19 so it can be removed from the box. Angular strip 19 as well as securing the plate against inward movement and stiffening the front, overlaps the upper

edge portion of the plate, so the material in the box 55 is effectively excluded from the front of the plate.

The upper portion of front 13 is provided with an impressed or indented portion 25, in which a label 28 is pasted. The front corner portions of the box are stiffened by angular strips 27, secured to the box-
60 sides.

In boxes of the character described, it is customary when the contents have been sold, to thoroughly clean the box and usually to buff the front, and during such operation the box is subjected to severe strain. 65 The transparent plate can be readily removed, as already explained. An important advantage of employing strips 17 and 19, inwardly extending and crimped edge 14, and impression 25, is that the front is materially stiffened and all danger of injury during
70 cleaning or buffing of the front is avoided. Furthermore, the impressed portion 25 forms a convenient place for attachment of a label, backwardly of the face of the front so there is no danger of the label becoming scratched or marred during handling or shipment
75 of the box. A sheet 30 of cardboard can, if desired, be held in strips 27, to prevent contact of the goods with the brass front.

It will be observed that by reason of the inclination of the upturned edge 18 of strip 17, the plate 16 80 when forced downward by the spring 21 will at the same time be forced outward to firmly engage the inwardly bent and crimped edge 15 of the display opening 14.

The cover of the box is provided with a depending 85 flange 12', extending preferably around the front sides of the box to strengthen the cover and to form a closure consisting of overlapping parts. The box is preferably provided with means for securing the cover in closed position which consists of a catch 31, formed 90 of sheet metal and secured to the front 13, of the box, and a projection 32 secured to the inner side of cover flange 12', adapted to coöperate with catch 31 to secure the cover in closed position. Being made of sheet metal, the flange 12' will yield sufficiently to 95 permit disengagement of the projection and the catch so the cover can be swung into open position. The securing means for the cover is located adjacent the upper edge and between the cover flange and the front of the box. This arrangement is of importance because 100 the securing means does not project in any manner from the box and does not interfere in the operation of buffing the front and the cover flange when the box is closed.

Having thus described the invention, what I claim 105 as new and desire to obtain by Letters Patent, is:

1. In a display box, the combination of a front having a portion thereof impressed for receiving a label and having

an opening therein below said impressed portion, a transparent plate in back of said opening, a seat for holding the lower edge of said plate, a fixed angular strip secured to the front and overlapping the upper edge of the transparent plate, and a sheet of different material from that of the front held in position back of the impressed portion thereof and resting at its lower edge on said angular strip.

2. In a display box, the combination of a front having a portion thereof impressed for receiving a label and having an opening therein below said impressed portion, the edges of said opening being bent inwardly, a transparent plate in back of said opening, a seat for holding the lower edge of said plate, a fixed angular strip secured to the front and overlapping the upper edge of the transparent plate, means for yieldingly holding the plate in its seat, and a sheet of different material from that of the front held in position back of the impressed portion thereof and resting at its lower edge on said angular strip.

3. In a display box, the combination of a front having a portion thereof impressed for receiving a label and having

an opening therein below said impressed portion, a sheet of material different from that of the front removably located back of said impressed portion, a transparent plate removably located back of said opening, and means for retaining said sheet and plate in position embodying a common fixed part retaining the upper edge of said plate and supporting the lower edge of said sheet.

4. In a display box, the combination of a front having an opening in a portion thereof, a transparent plate removably located back of said opening, a sheet of material different from that of the front removably located back of the imperforate portion of said front, and means for retaining said plate and sheet in position embodying a common fixed part retaining the upper edge of one and supporting the lower edge of the other.

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