

F. RUDOLPHI.  
SHEET METAL CONTAINING AND DISPENSING CAN.  
APPLICATION FILED JAN. 8, 1912.

1,158,077.

Patented Oct. 26, 1915.

Fig. 1

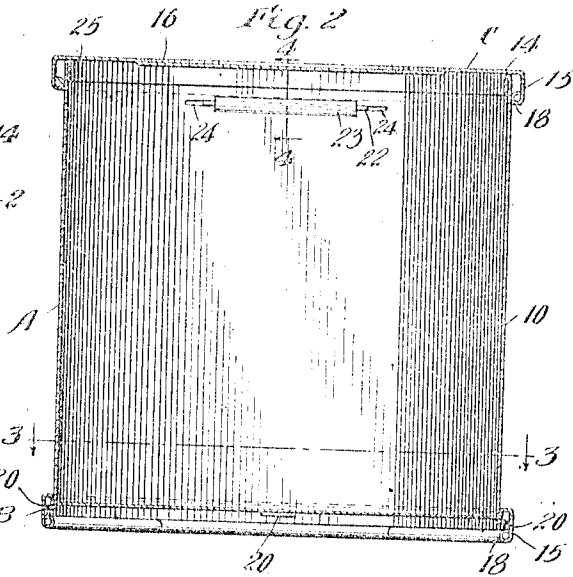
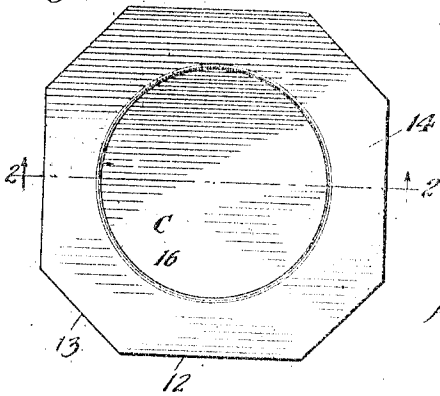


Fig. 3

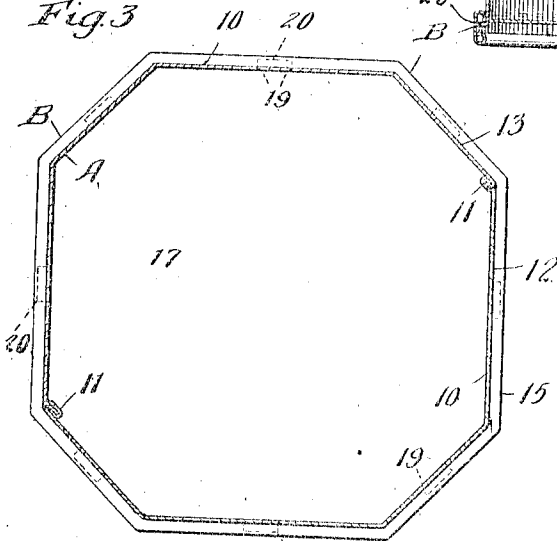


Fig. 4

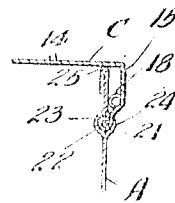
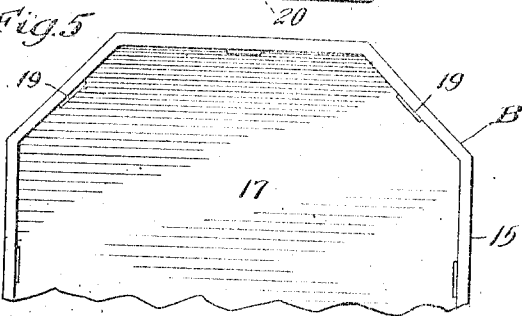


Fig. 5



Witnesses:

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# UNITED STATES PATENT OFFICE.

FRANK RUDOLPHI, OF MONTCLAIR, NEW JERSEY, ASSIGNOR TO AMERICAN CAN COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

SHEET-METAL CONTAINING AND DISPENSING CAN.

1,158,077.

Specification of Letters Patent.

Patented Oct. 26, 1915.

Application filed January 8, 1912. Serial No. 669,929.

*To all whom it may concern:*

Be it known that I, FRANK RUDOLPHI, a citizen of the United States, residing in Montclair, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Sheet-Metal Containing and Dispensing Cans, of which the following is a specification.

This invention relates to improvements in sheet metal containing and dispensing cans, and the object of the invention is to provide a sheet metal container which shall be cheap to manufacture, and of a firm and strong construction.

The can is designed primarily for use in dispensing cigars, and may be of any suitable shape, but preferably is made octagonal, and comprises a body portion having a bottom member firmly attached thereto, and a pivoted cover, the bottom and cover each being also octagonal in outline and of a larger cross section than the cross section of the body.

One of the most important features of my invention resides in the fact that the cover and bottom are very similar in construction, so that one set of machinery and dies may be used to perform several of the operations in the making of these parts, thus decreasing the cost of manufacture very materially.

The can or container may be suitably embossed or lithographed, or both, as desired.

My invention further consists in the improvements of the parts and devices and in the novel combinations of parts and devices herein shown, described and claimed.

In the drawings forming a part of this specification, Figure 1 is a top plan view of a container embodying my improvements. Fig. 2 is a vertical cross section upon an enlarged scale, taken on the line 2—2 of Fig. 1. Fig. 3 is a horizontal section, taken on the line 3—3 of Fig. 2. Fig. 4 is a detail, vertical section, taken on the line 4—4 of Fig. 2, and Fig. 5 is a partial plan view of the bottom of the container, showing the same detached.

In the drawings, A represents the body portion. B the bottom rigidly secured thereto and C the cover hingedly connected therewith. The body A may be composed of a single sheet of metal or a plurality of pieces of metal, and as shown in the drawing, comprises two portions 10, 11, connected together by lock seams 11, 11, the body being octagonal

in cross section, having wide sides 12 and narrower sides 13. Each of the cover and bottom members comprises a single piece of metal of the same cross sectional area and shape, the same being slightly larger in cross sectional area than that of the body portion of the can. Each member B and C is formed with the same die, and each comprises a horizontal portion 14 and a depending flange 15. By forming the cover and bottom of the same size and shape, it will be apparent that the same dies may be used for drawing the same. The cover is preferably provided with a depressed panel portion 16, circular in contour, and the bottom B is also provided with a panel portion 17, octagonal in outline. The cover and body each have an inwardly turned bead 18, formed with the same die in both cases. The bottom B is furthermore provided with a plurality of slots 19, through which are extended integral tongues 20 on the body portion A by means of which the bottom is securely attached to the body. A portion of the flange of the cover C is extended beyond the curl or bead 18 and is formed into an eye 21 through which extends a pintle 22 which has its intermediate portion located in an inwardly extending bead 23 on the body A, and its ends located in outwardly extending beaded portions 24. The body portion is furthermore provided with an inwardly turned upper flange 25. By providing the inwardly turned bead 18 on the hinged cover, an easy sliding fit is made with the body portion, and by providing the panel 17 in the bottom B, the body is set into the bottom and thus forms therewith a strong and firm connection.

Various changes and modifications may be made in the details of the invention without departing from the spirit thereof, and all such changes are contemplated as fairly fall within the scope of the appended claims.

I claim:—

1. In a sheet metal container, in combination: a polygonal body portion; a top and a bottom of the same size and polygonal contour externally and at the marginal portions of their tops, and each formed at its lower edge with an inturned curl, the said curl of the top inclosing the upper ends of the sides of the body and the said curl of the bottom forming a finish beyond the lower edges of the bottom, the said bottom being formed

with a surrounding elevated upward, inward and downward bend and with a depressed panel forming the bottom, proper, and the lower edges of the sides of the body being seated on said panel within said elevated bend.

2. An article of the class described comprising a body member having an angular cross section, and having a bottom member secured thereto by means of tongues and slots, the tongues being formed integral with

the body portion, a cover hinged to said body portion, the cover and bottom members each having the same cross sectional area and contour, the bottom member having furthermore a depressed panel portion in which the bottom of the body is adapted to be seated.

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Witnesses:

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