

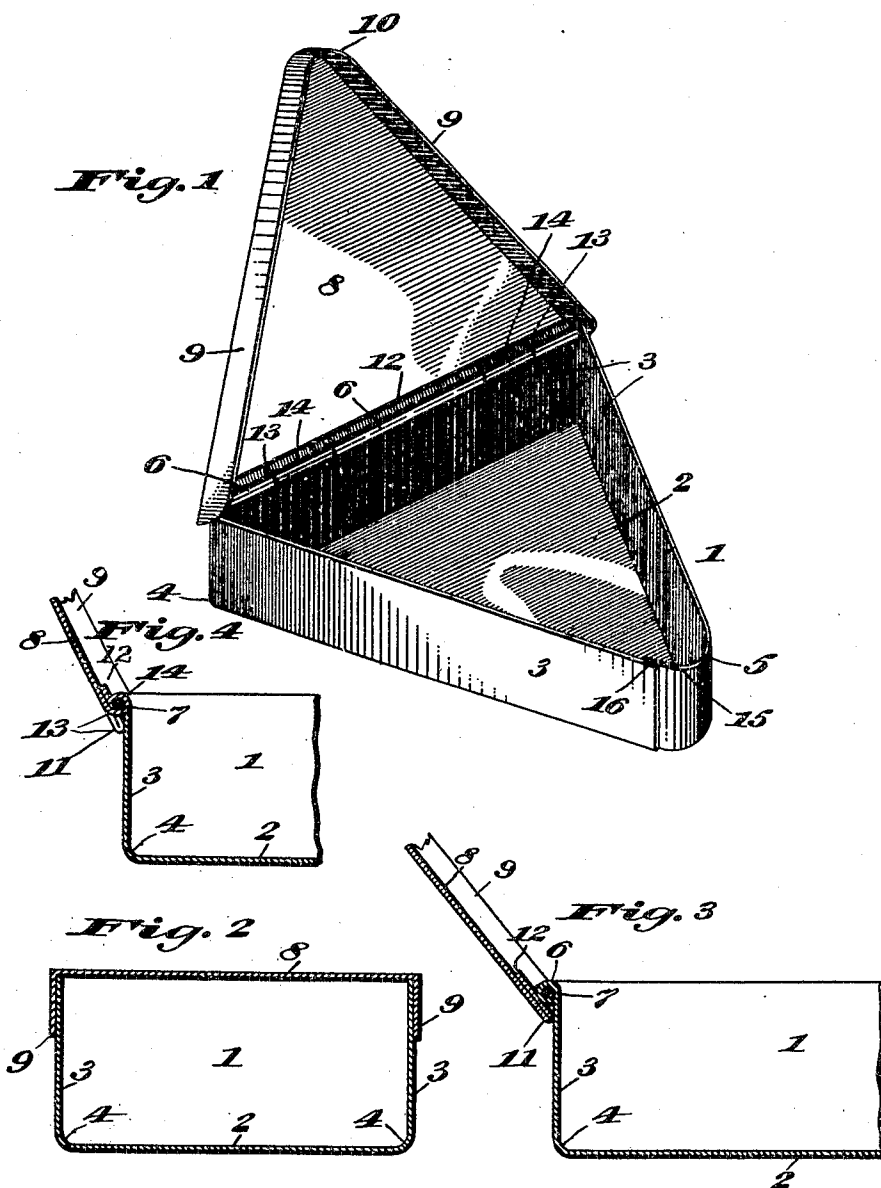
No. 851,357.

PATENTED APR. 23, 1907.

C. M. KEEFE.

BOX.

APPLICATION FILED MAY 11, 1905.



Witnesses

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BOX.

No. 851,357.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CLARENCE M. KEEFE, a citizen of the United States of America, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Boxes, of which the following is a specification.

This invention relates to certain improvements in sheet-metal boxes and has for its object to provide a box of this character of a simple and inexpensive nature and of a strong and durable construction which shall be especially adapted for use in lunch boxes, picnic baskets and the like for containing cuts of pie and the like, being of a structure and conformation adapting it for preventing crumbling or breakage of the pie or other article and also for preventing spilling of the juices therefrom.

The invention consists in certain novel features of the construction, combination and arrangement of the several parts of the improved sheet-metal box, whereby certain important advantages are attained and the device is rendered simpler, cheaper and otherwise better adapted and more convenient for use, all as will be hereinafter fully set forth.

The novel features of the invention will be carefully defined in the claims.

In the accompanying drawings which serve to illustrate my invention—Figure 1 is a perspective view showing a sheet-metal box constructed according to my invention with its lid or cover in raised position; Fig. 2 is a vertical section taken transversely through the improved sheet-metal box at a point adjacent to its tapered and round pointed end; Fig. 3 is a sectional view taken transversely through the hinge-pin at the rear edge of the box and showing certain features of construction to be hereinafter referred to, and Fig. 4 is a sectional view similar to Fig. 3 and showing certain other features of construction.

As seen in these views, 1 indicates the body portion of the box as a whole, this member being constructed from imperforate, flat sheet-metal, as tin-plate, for example, and being made in a general triangular form, with a flattened bottom 2 and elevated flat side-walls 3, 3 extended upward from the three sides of said bottom and integrally connected with said bottom 2 by means of curved or rounded portions 4, 4 as illustrated

in Figs. 2, 3 and 4. Two of the corners or angles of this triangular body portion or receptacle 1 are made acute, and along the top edge of the wall 3 between such acute corners 60 or angles a flat, imperforate lid or cover 8 is hinged by means to be hereinafter described. The third corner or angle 5 of said body portion or receptacle is made rounded, as clearly shown in Fig. 1, said rounded corner or angle 65 being produced from a metal fill-in strip 15 of a height equal to and connected with one of the adjacent side-walls 3, the said strip being bent or curved around the corner or angle of the body portion and having its other end connected by a solder joint or otherwise with the end of the other adjacent side-wall 3 of the body portion or receptacle, in such a way as to brace and stiffen said walls in such a way as to enable them better to withstand possible strains imposed upon them and which would otherwise bend or crush them inwardly.

Along the upper edge of the side-wall 3 opposite to the rounded corner or angle 5 of the body portion or receptacle and between the acute angles of the same is extended an overturned bead 6 produced upon the outer face of said wall 3 as seen in Figs. 1 and 3 and within which is securely held a pivot pin or wire 7 which is extended longitudinally along said upper edge of the wall 3 of the body portion or receptacle.

The lid or cover 8 is also constructed from thin flat, imperforate sheet-metal, preferably tin-plate and has a triangular contour similar to that of the body portion or receptacle, being provided with depending side-walls 9, 9 adapted to lap or take outside of the walls 3 of the body portion adjacent to and including the rounded point 5 thereof in a way to produce a tight joint against leakage and exposure of the contents when the lid or cover is closed. Between said flanges or walls 9 9 of the lid or cover is produced integral rounded continuation or extension 10 thereof adapted, when the lid or cover is closed, to lap over and take outside of the rounded or pointed end of the body portion. Along the hinging edge of the lid or cover 8 there is also an integral edge portion 12 which is lapped over and pressed down flat upon the inner or underside of said lid or cover as seen in Figs. 1, 3 and 4, and at suitable points, as seen at 13 on the drawings, the hinging edge portion of the lid or cover is provided with slits or cuts extended inwardly from its margin, the por-

tions of sheet-metal between such slits or cuts 13 being passed as seen at 14 around the hinge pin or wire 7 at points at which said wire or pin is exposed by cutting or notching
 5 out the beaded edge portion 6 of the adjacent wall of the body portion or receptacle 1. By this arrangement it will be seen that there is produced, along the hinged edge of the lid or cover 8, integral rearwardly-directed or extended edge portion or flange 11,
 10 which when the lid or cover is in closed position upon the body portion or receptacle, projects rearwardly behind the pivotal or hinge connection of the parts so that pressure exerted upon said rearwardly-directed
 15 edge portion may be utilized as a lever or thumb rest for opening the box or receptacle in case the lid or cover should fit tightly upon the body portion as it should fit to produce a
 20 tight joint between the parts. Said extended edge portion or flange 11 also acts as a stop, by engagement on the walls of the body portion, to limit the opening movement of the lid or cover.
 25 The improved box or receptacle constructed according to my invention is of an extremely simple and inexpensive nature and is especially well adapted for use as a receptacle for cuts of pie and the like so that the
 30 pie may be packed neatly within a lunch box or basket without danger of being crushed or

of its juices escaping to injure or stain other articles in the package. The rounded end of the receptacle also permits the pie to be conveniently inserted in the receptacle and removed therefrom and the rounded corners or
 35 connections 4, 4 between the bottom 2 and walls 3 of the body portion afford no crevices wherein such juices, as may escape from the pie, may lodge so that the device may be
 40 easily and quickly cleansed after use.

I claim—

A box composed of a body and a cover, said body having one of its walls formed with an overturned upper portion, and a pivot pin
 15 enclosed by said overturned portion, said cover having one end turned over to lie flat on the inner face thereof and having spaced inwardly extending slits formed in said
 20 turned-over end, the material between some of said slits being extended to embrace said pivot pin, the material between the other of said slits extending rearwardly in approximately the same plane as the cover to engage
 25 the rear wall of the box when the cover is in open position.
 55

Signed at Cincinnati, Ohio, this 4th day of May, 1905.

CLARENCE M. KEEFE.

Witnesses:

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