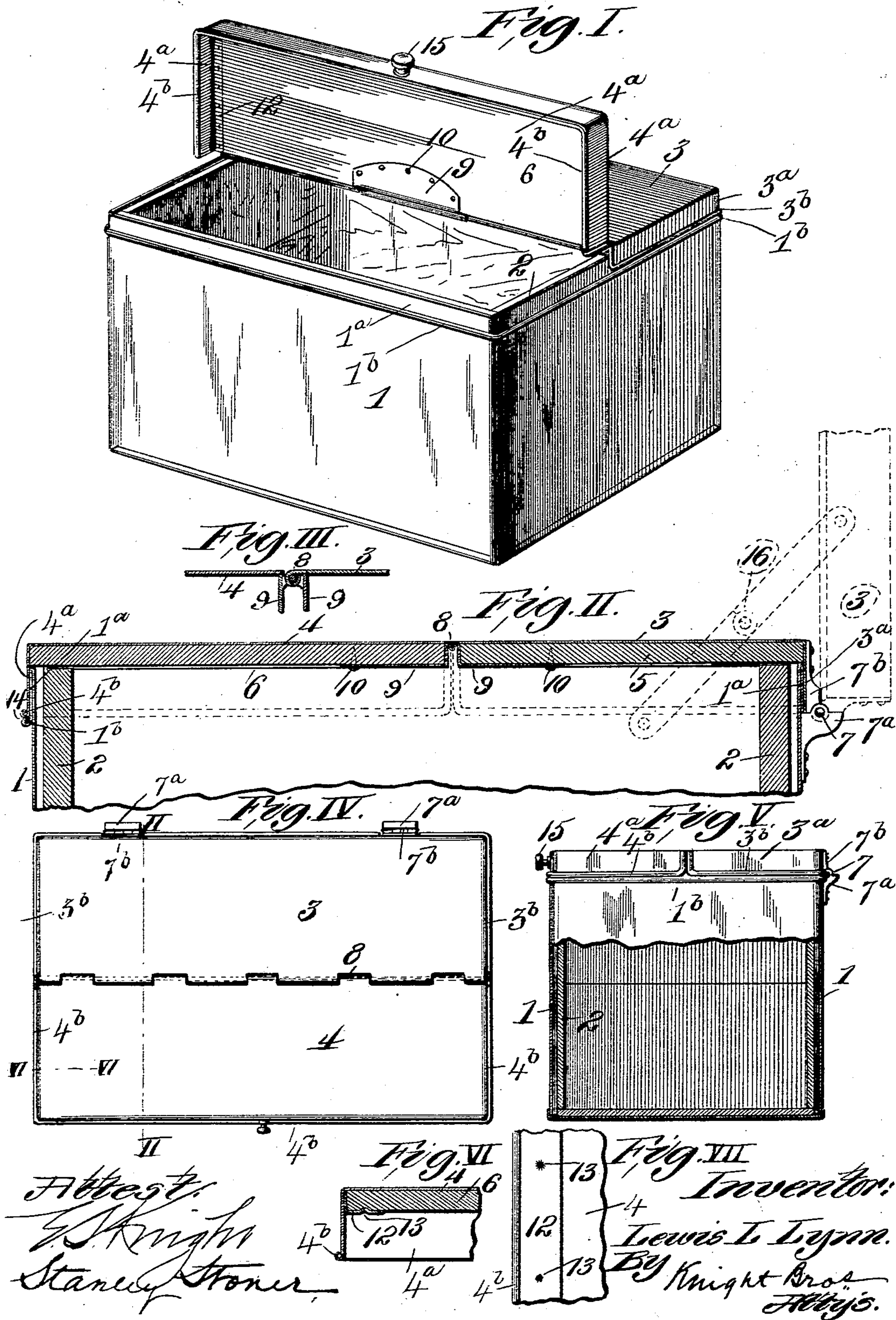


(No Model.)

L. L. LYNN.
SHEET METAL PACKING BOX.

No. 560,140.

Patented May 12, 1896.



UNITED STATES PATENT OFFICE.

LEWIS L. LYNN, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THE AMERICAN BISCUIT AND MANUFACTURING COMPANY, OF SAME PLACE.

SHEET-METAL PACKING-BOX.

SPECIFICATION forming part of Letters Patent No. 560,140, dated May 12, 1896.

Application filed October 30, 1895. Serial No. 567,361. (No model.)

To all whom it may concern:

Be it known that I, LEWIS L. LYNN, a citizen of the United States, residing at the city of St. Louis, in the State of Missouri, have
5 invented a certain new and useful Improvement in Sheet-Metal Packing-Boxes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.
10

My invention relates to a packing-box of an improved construction which is particularly adapted to be used by retailers for keeping crackers after the original package containing them has been opened and while waiting individual sales. Crackers and such commodities are usually shipped from the bakeries to the retailer in wooden boxes, the covers of which are removed to give access to
20 the contents thereof. My invention provides a second box, in which this original box is placed after the cover has been removed, as described, which second box provides complete protection for the crackers, and which
25 does away with the necessity of removing them from the original package until sold.

My device possesses features of novelty hereinafter specifically pointed out and claimed.

30 Referring to the drawings, Figure I illustrates a perspective view of the box, showing one section of the cover thereof opened. Fig. II illustrates a vertical section through the top thereof, taken along line II II of Fig. IV, the said top or cover being closed, while the
35 open position is represented by dotted lines. Fig. III is a detail cross-section showing the method of connecting the two sections of the cover. Fig. IV is a top view of the cover.
40 Fig. V is an end view of the box; the lower portion thereof being broken away to show the manner in which the original package is placed therein. Fig. VI is a detail view of a portion of one end of the cover, showing the
45 manner of reinforcing the sheet metal. Fig. VII is a bottom view of the portion shown in Fig. VI.

1 is the body of the box, which is constructed of any sheet metal, but preferably of tin, and
50 is formed with a downturned top strip 1, having a head 1^b.

2 is the side of the wooden box in which the crackers are originally placed, said box being adapted to fit inside the metal box, as shown.

3 and 4 are the two sections of the cover of
55 the metal box, and 5 and 6 are pieces or plates of wood secured beneath the two sections 3 and 4 to preserve the tin top from injury by objects striking or resting upon it. The rear section 3 has a downturned strip 3^a fitting over
60 the top strip 1^a and a bead 3^a seating on the bead 1^a of the body. The front section 4 has a similar downturned strip 4^a, also fitting over the top strip 1^a, having a bead also seating
65 on the bead 1^b of the body.

7 is a hinge-pin, by which the downwardly-extending lugs 7^b of the cover-section 3 are connected to the lugs 7^a, located beneath the top strip 1^a of the body 1 of the box, and 8 is a hinge, by means of which the two sections
70 3 and 4 are secured to each other. Extending from this hinge 8 and acting as supports for the reinforcing wooden pieces 5 and 6 are plates 9, which extend beneath the reinforcing-pieces 5 and 6, and which are secured
75 thereto by means of rivets or wood screws 10. At the ends of these wooden pieces 5 and 6 are supports 12, fastened to the end of the lid-sections, and which are secured to the wooden pieces by means of indentations 13 or any
80 other suitable fastening.

14 is a catch to secure the cover in place, and 15 is a knob to be used in opening the same, and 16 is a rule-joint brace used for the purpose of limiting the motion of the cover
85 of the box.

Having the cover formed with two sections, as described, a person is able to extract crackers from the box without opening the entire top thereof. As soon as the wooden cover is removed from the original package said package
90 is placed within the tin box without disturbing the contents of the said original package, and the box placed upon shelves or elsewhere ready for use. Grocers ordinarily keep their
95 crackers upon shelves, in which case by the use of my device the box may be opened without removing it but part of the way from said shelf. The box being drawn forward about
100 half of the way the salesman is able to open the front section of the cover, as shown in Fig. I, and take the crackers therefrom. This

cover is then closed and the box pushed back in its proper place.

5 The sheet metal gives perfect protection against atmospheric influences, such as moisture, and completely protects the contents of the box from dust, insects, &c.

10 The crackers are completely surrounded, first, by the original box having wooden sides and bottom, and, second, by the tin box having both a tin and wooden top and tin sides and bottom.

15 While I have shown the cover-sections as being secured to the body of the box by means of a rule-joint brace, I do not limit myself to this construction, as any other suitable means may be used.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

20 A sheet-metal box comprising a body 1 formed with a downturned top strip 1^a hav-

ing a bead 1^b, the lugs 7^a secured at the back of the box a distance from the top thereof, and a cover consisting of a rear section 3 formed with a downturned strip 3^a having a 25 bead 3^b seating on the bead of the body, the lugs 7^b secured at the back of the rear section and extending a distance beneath the top of the body, the hinge-pin 7 by which the lugs are connected, the reinforcing-piece 5 secured 30 to the rear section by a plate 9 and end supports 12, and the front section 4 formed with a downturned strip 4^a having a bead 4^b also seating on the bead of the body and hinged to the rear section, and the reinforcing-piece 35 6 secured to the front section by a plate 9 and end supports 12; substantially as described.

LEWIS L. LYNN.

In presence of—

A. P. MOREY,

P. G. STAFFORD.