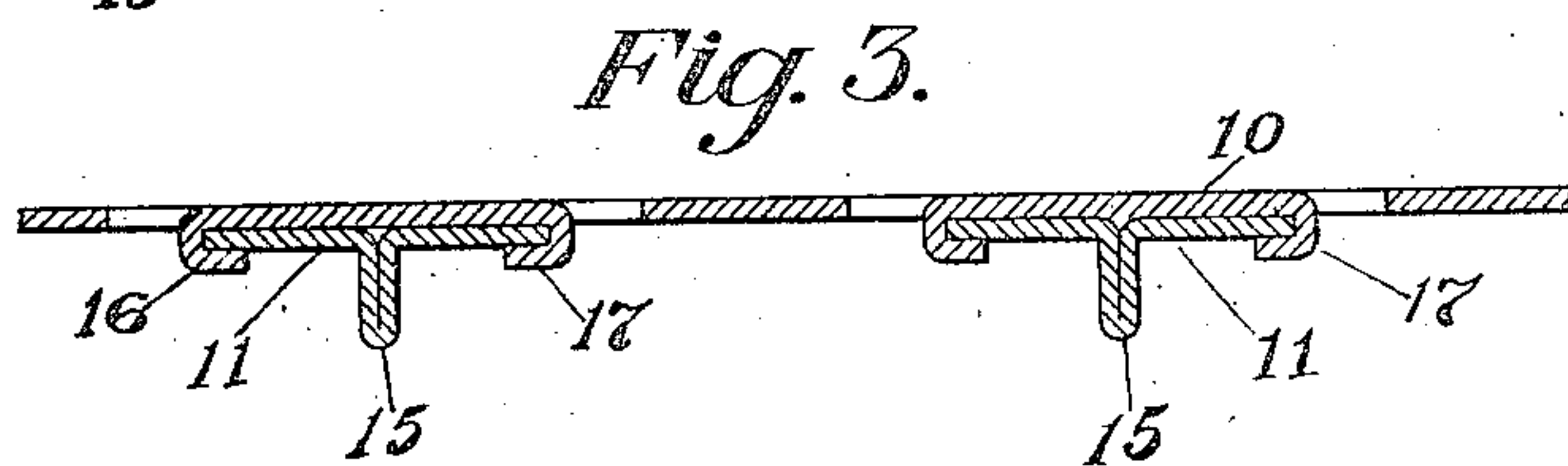
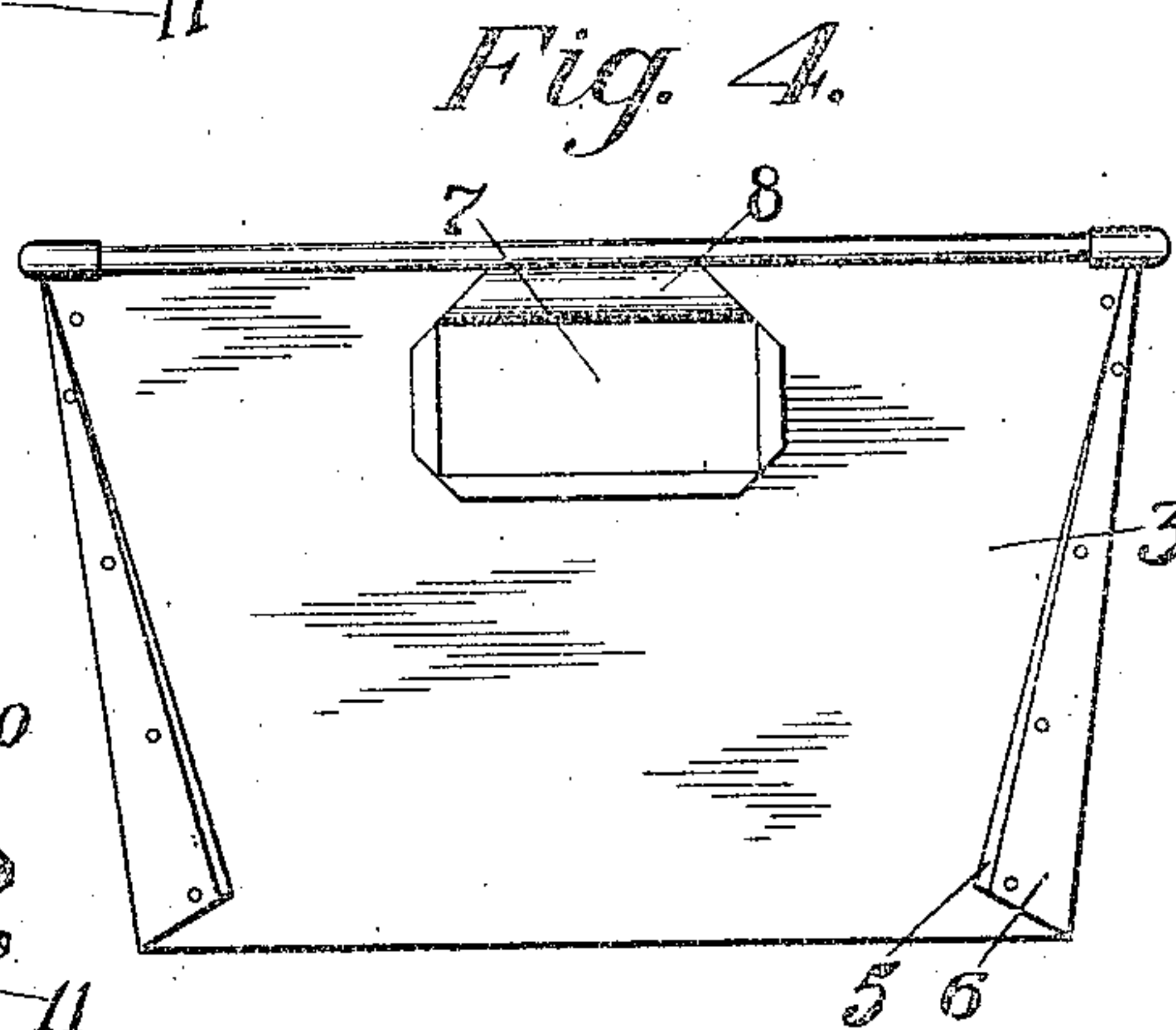
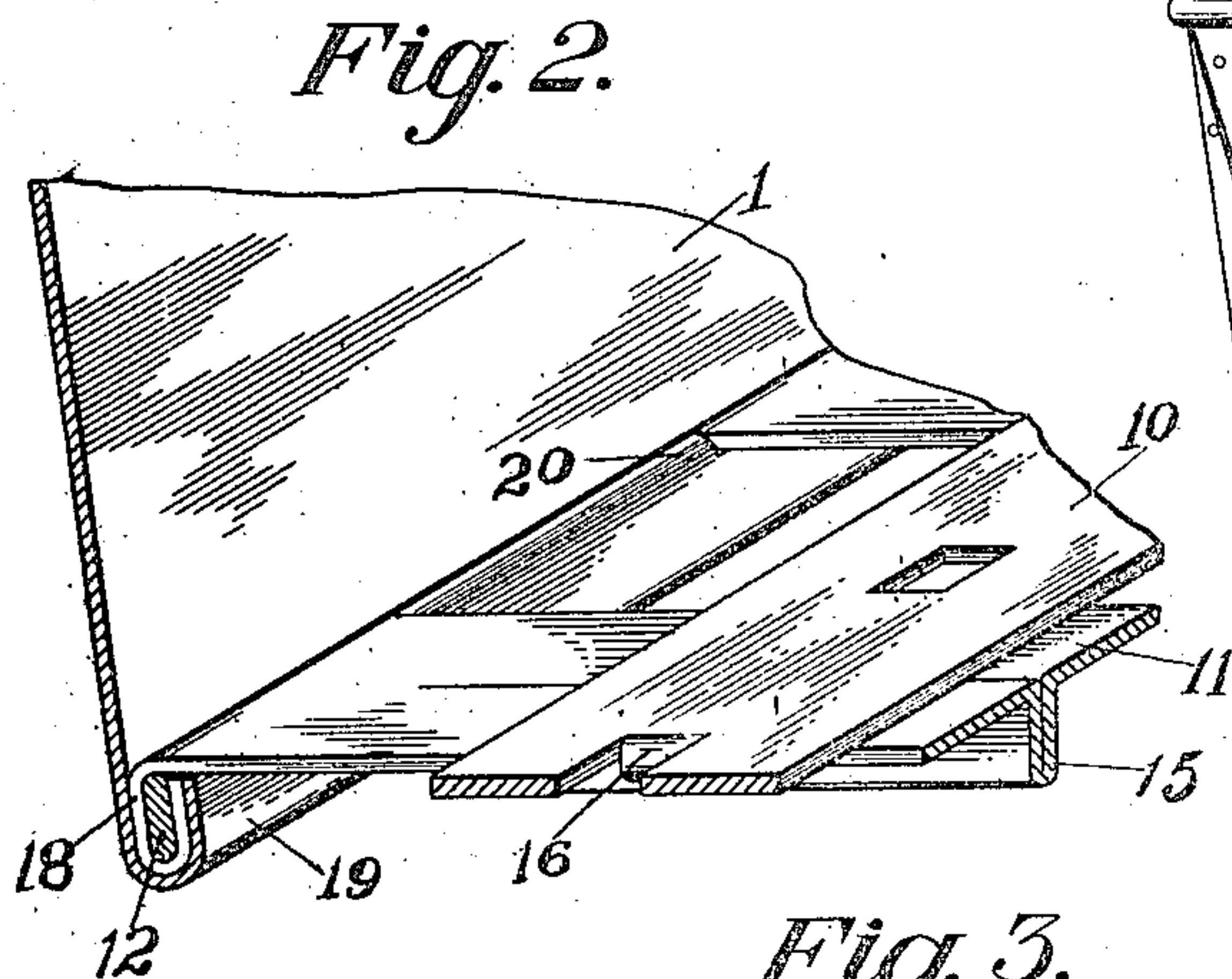
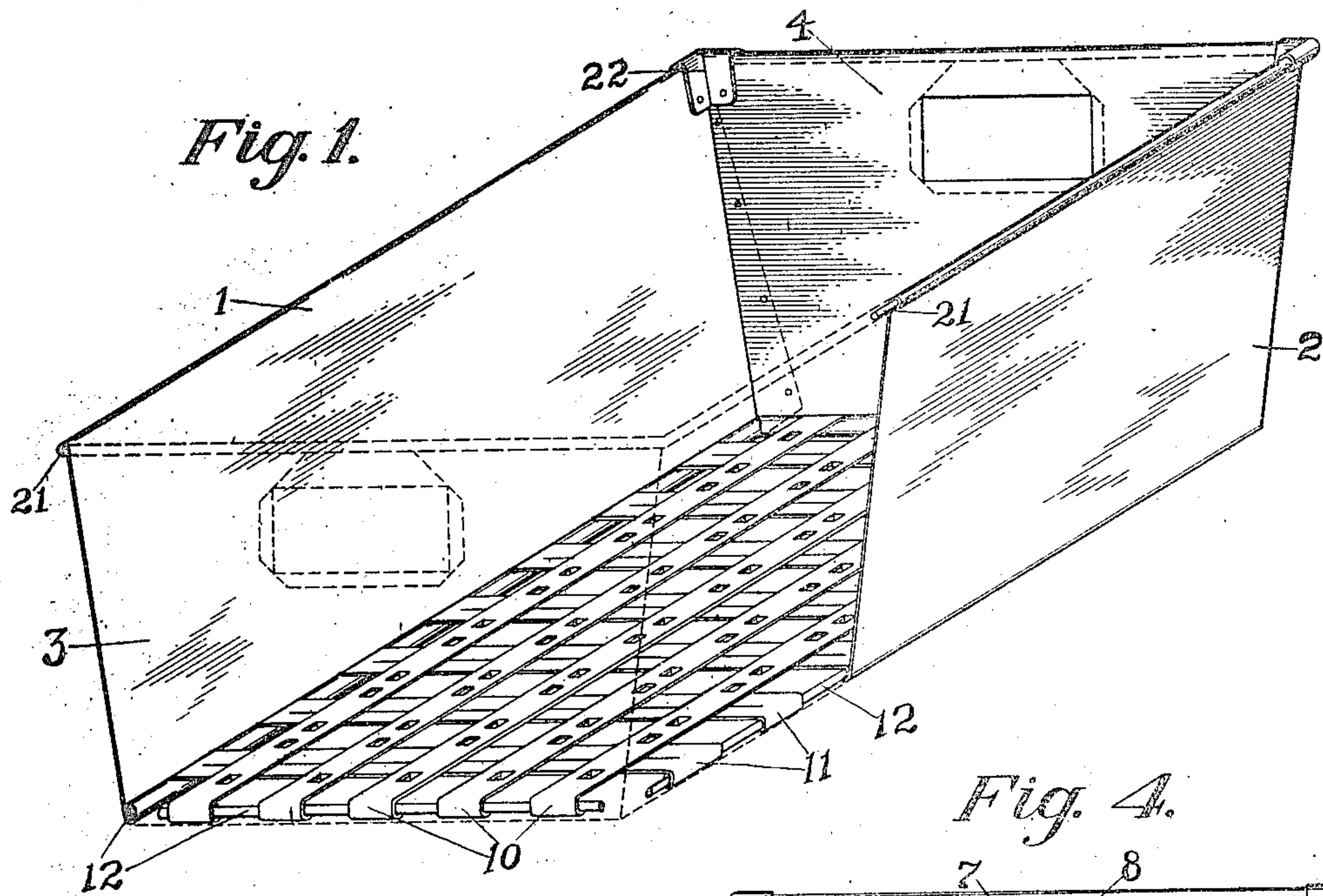


L. B. KAUFFMANN.
BUTCHER'S BASKET.
APPLICATION FILED MAY 7, 1910

994,098.

Patented May 30, 1911.



Witnesses:
John Darby
Rose Menck

Lou B. Kauffmann Inventor
By his Attorney John D. Morgan

UNITED STATES PATENT OFFICE.

LOU B. KAUFFMANN, OF NEW YORK, N. Y., ASSIGNOR TO GEORGE F. SAUER, OF UNION,
HUDSON COUNTY, NEW JERSEY.

BUTCHER'S BASKET.

994,098.

Specification of Letters Patent. Patented May 30, 1911

Application filed May 7, 1910. Serial No. 560,010.

To all whom it may concern:

Be it known that I, LOU B. KAUFFMANN, a citizen of the United States, residing in New York city, in the county of New York and State of New York, have invented new and useful Improvements in Butchers' Baskets, of which the following is a specification.

The invention relates to butchers' trays and more especially to metallic reinforced trays for use by butchers in holding cut meats, whether done into packages or not.

Objects of invention are to provide a tray which is durable, strong, compact and sanitary; to provide a tray which may be easily handled, and which is exceptionally adapted to withstand rough usage without bending or breaking. These and other objects will in part be obvious and will in part more fully appear herein.

The invention consists in the novel parts, articles, arrangements, improvements and combinations, herein shown and described.

The accompanying drawings, referred to herein and forming a part hereof, illustrate one embodiment of the invention, the same serving in connection with the description herein to explain the principles of the invention.

Of the drawings: Figure 1 is a perspective view of a tray with the forward portion in dotted lines in order to show clearly the construction of the bottom of the tray; Fig. 2 is a view, on an enlarged scale, of a small portion at the lower left hand corner of Fig. 1 for the purpose of showing the construction more clearly; Fig. 3 is a central longitudinal section along one of the upper bottom strips to show the manner of fixing the strips together and the reinforcement of the bottom strip; and Fig. 4 is an end elevation of the tray.

Referring to the accompanying drawings, illustrating by way of example one embodiment of the invention, a tray is shown having sides 1 and 2 and ends 3 and 4, all of which constitute the side walls of the tray. These walls may be arranged slantingly or flaringly, so that the tray is of greater size at the top than at the bottom, and it is so shown in the drawings herewith. The side walls are shown at their top edge turned upon themselves so as to inclose an integral metal frame 21 which constitutes a finishing and reinforcing member at the top edges

of the frame. Caps 22 are also placed over the corners covering and being turned over the corners of the side walls and of the frame 21, said caps being also fastened to the side walls by rivets or other suitable means. The sides 1 and 2 are shown folded back upon the end walls 3 and 4, and the end walls 3 and 4 are also shown folded back upon themselves underneath said folded over portions of the side walls 1 and 2, in order to form a strong reinforcement. The four members of the side walls may be originally formed substantially rectangularly, and their adjacent side edges may be folded back triangularly upon themselves to give the requisite flare or slant to the side walls, and at the same time to form the reinforcement just described. In Fig. 4 of the drawings such an arrangement of the parts is shown, triangular portions 5 of the end member 4 being bent back upon itself and triangular portions 6 of the adjoining edges of the side walls being folded over upon said folded portion 5, and both the folded over portions riveted to the end wall 4.

Suitable handles are provided in the ends of the tray, and they are formed in the present embodiment by cutting out a portion of the end walls upon three sides thereof, so as to leave an aperture 7 through which the hand may pass to grasp the tray. This part 8 so cut away on three sides is then folded back or upwardly on the underent side and curved outwardly as shown in Fig. 4 of the drawings, so as to give an easy holding surface for the hand. The end of said part 8 is attached to the tray, and may be brought into or underneath the frame 21 and fastened there so as to be held firmly in position. The other edges of the aperture 7 may also be turned or folded back on the side wall to make a smooth and safe edge.

The bottom of the tray is preferably open or perforate. As shown herein it consists of a series of strips 10 and another series 11 crossing underneath the other series of strips. The strips of each series extend from one side wall to another side wall, and preferably from one side wall to the opposite side wall, at or near the bottom edge. The strips of the other series 11 are arranged transversely to these, and in the present embodiment are shown arranged at right angles to the other series of strips. These strips likewise pass from one side wall to the other.

A reinforcing frame 12, preferably integral throughout, which may be of a flat or bar like form, is provided resting on edge within the lower portion of the four side wall members, said side wall members being folded around the bar 12, as shown at 19 in Fig. 2 of the drawing. The ends of the strips 10 and 11 are shown also passing above and then folded back around the frame 12, (see 18 in Fig. 2) and nesting within the folded over portion of the side walls. The bottom edges of the side wall are cut away to permit the ends of the strips 10 to pass into and around the frame 12, but between said strips, the bottom edges of the side walls are longer and are bent and folded around the top side of the frame 12, as shown at 20, thereby greatly strengthening the structure and also closing it up more completely. The strips 11 are further shown with a reinforcing rib 15 arranged longitudinally thereof to stiffen the strips and thus also the entire bottom.

The strips 10 and 11 are tied together in some suitable manner at their intersections, as for instance by having tongues 16 and 17 struck out from the strips 10 and bent downwardly so as to fold around and engage the strips 11 (see Figs. 2 and 3).

From all the foregoing it will be understood that a structure has been provided which realizes the objects of the invention and the advantages herein set forth, together with other objects and advantages. It will be understood further that variations in the structure may be made within the scope of the accompanying claims without departing from the principles of the invention.

What I do claim as my invention and desire to secure by Letters Patent, is:

1. A metallic tray including in combination sheet metal side walls, a reinforcing frame within the bottom edges of said side walls, strips arranged across the bottom of the tray, one end of said strips passing above said reinforcing frame and between the bottom portion of said side walls and said reinforcing frame and around said frame, said bottom edges of the side walls being folded inwardly about the ends of said strips and said reinforcing frame, the portions of the bottom edges of the side walls between said strips being folded up about said reinforcing frame past the points where the strips begin to bear upon said frame.

2. A metallic tray including in combination sheet metal side walls, a reinforcing frame within the bottom edges of said side walls, flat separated strips crossing each other and constituting the bottom of said tray, said strips extending from one side to another side of the tray and having their ends folded about said reinforcing frame, said bottom strips being attached to each

other at their points of crossing, the lowermost strip having a reinforcing device on the underside thereof.

3. A metallic tray including in combination sheet metal side walls, a reinforcing frame within the bottom edges of said side walls, flat separated strips crossing each other and constituting the bottom of said tray, said strips extending from one side to another side of the tray and having their ends folded about said reinforcing frame, said bottom strips being attached to each other at their points of crossing, the lowermost strip having a downwardly projecting reinforcing rib formed therein and extending longitudinally thereof.

4. A metallic tray including in combination sheet metal side walls, a reinforcing frame within the bottom edges of said side walls, a bottom consisting of flat strips arranged across from one side of the tray to another and crossing each other at right angles and one strip lying upon the other, said strips having their ends folded about said reinforcing frame, a longitudinal reinforcing rib formed in each of the lowermost strips and fastening means for said strips at their crossings.

5. A metallic tray including in combination sheet metal side walls, a reinforcing frame within the bottom edges of said side walls, a bottom connected to said reinforcing frame and including a flat bottom strip passing from one side to the opposite side of the tray and having a struck up reinforcing rib formed longitudinally thereof and extending downwardly therefrom, a second flat bottom strip lying upon and supported by said first strip, and extending from one side to the other of the tray and at right angles to said first strip.

6. A metallic crate having side walls of sheet metal, a reinforcing frame within the bottom portion of said side walls, a plurality of flat bottom strips arranged across the tray from one side to the opposite, said strips having longitudinal reinforcing ridges formed therein and projecting downwardly therefrom, other flat bottom strips arranged across the tray from one side to the other at right angles to, and resting upon the top of, said first-described bottom strips, the ends of the bottom strips passing above said reinforcing frame and on between said frame and the adjacent side wall and around said frame, the bottom edges of the side walls being folded about both the ends of the bottom strips and said reinforcing frame.

7. A metallic crate having side walls of sheet metal, a reinforcing frame within the bottom portion of said side walls, a plurality of flat bottom strips arranged across the tray from one side to the opposite, said strips having longitudinal reinforcing ridges

formed therein and projecting downwardly therefrom, other flat bottom strips arranged across the tray from one side to the other at right angles to, and resting upon the top of, said first-described bottom strips, members projecting downwardly from the respective upper strips at their crossing and passing about the side edges of the lowermost strips to hold the strips together, the ends of the bottom strips passing above said reinforcing frame and on between said frame and the

adjacent side wall and around said frame, the bottom edges of the side walls being folded about both the ends of the bottom strips and said reinforcing frame.

15

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

LOU B. KAUFFMANN.

Witnesses:

JOHN D. MORGAN,
ROSE MENK.