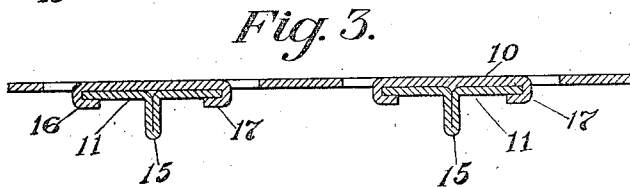
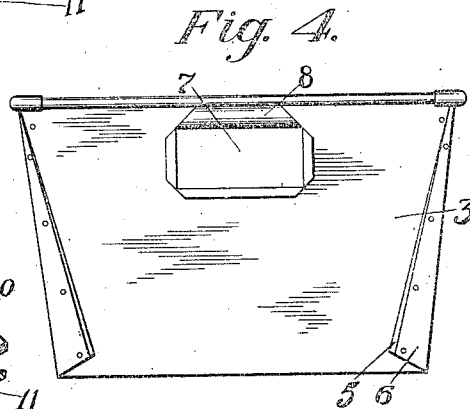
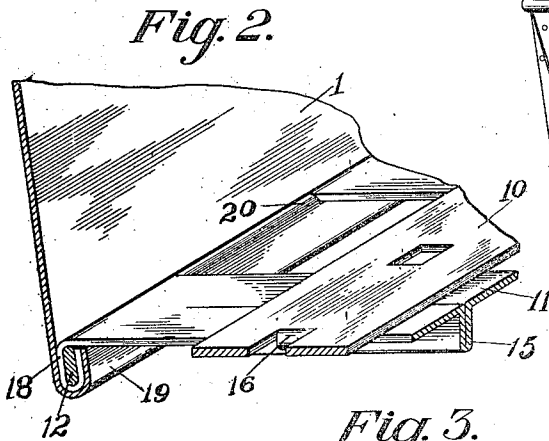
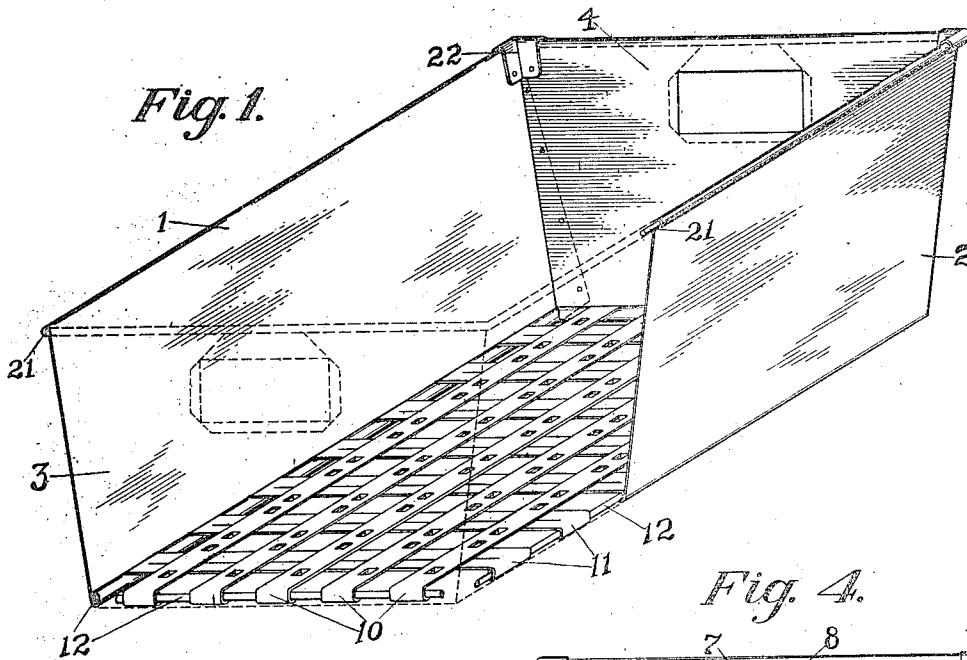


L. B. KAUFFMANN.
BUTCHER'S BASKET.
APPLICATION FILED MAY 7, 1910

Patented May 30, 1911.

994,098.



Witnesses:
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UNITED STATES PATENT OFFICE.

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BUTCHER'S BASKET.

994,098.

Specification of Letters Patent. Patented May 30, 1911

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To all whom it may concern:

1 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
5 and State of New York, have invented new
and useful Improvements in Butchers' Bas-
kets, of which the following is a specifica-
tion.

10 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.

15 Objects of invention are to provide a tray
which is durable, strong, compact and sani-
tary; 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
20 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.

25 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 in-
vention.

30 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 con-
struction of the bottom of the tray; Fig. 2 is
a view, on an enlarged scale, of a small por-
35 tion 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 to-
40 gether 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 embodi-
45 ment of the invention, a tray is shown hav-
ing 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
50 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 finish-
55 ing 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
60 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
65 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
70 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
75 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.

80 Suitable handles are provided in the ends
of the tray, and they are formed in the pres-
ent embodiment by cutting out a portion of
the end walls upon three sides thereof, so as
to leave an aperture 7 through which the
85 hand may pass to grasp the tray. This part
8 so cut away on three sides is then folded
back or upwardly on the undercut side and
curved outwardly as shown in Fig. 4 of the
drawings, so as to give an easy holding sur-
90 face 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 fas-
tened there so as to be held firmly in posi-
95 tion. 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
100 crossing underneath the other series of strips.
The strips of each series extend from one
side wall to another side wall, and prefer-
ably from one side wall to the opposite side
wall, at or near the bottom edge. The strips
105 of the other series 11 are arranged trans-
versely to these, and in the present embodi-
ment are shown arranged at right angles to
the other series of strips. These strips like-
wise 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

described 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.