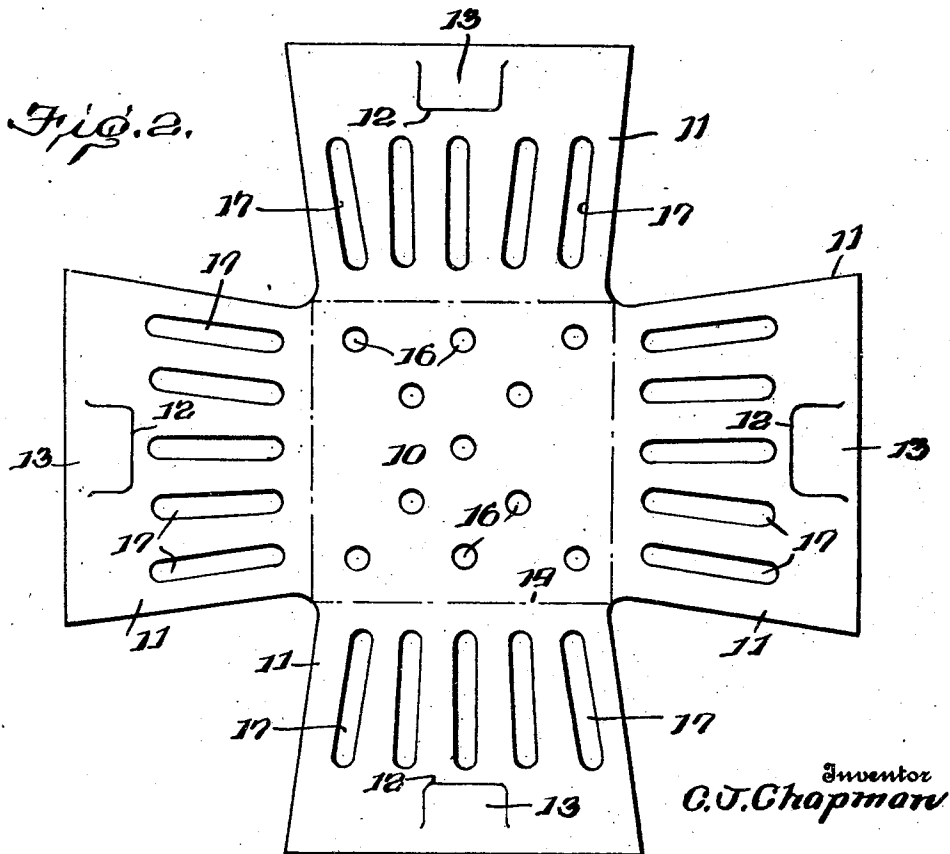
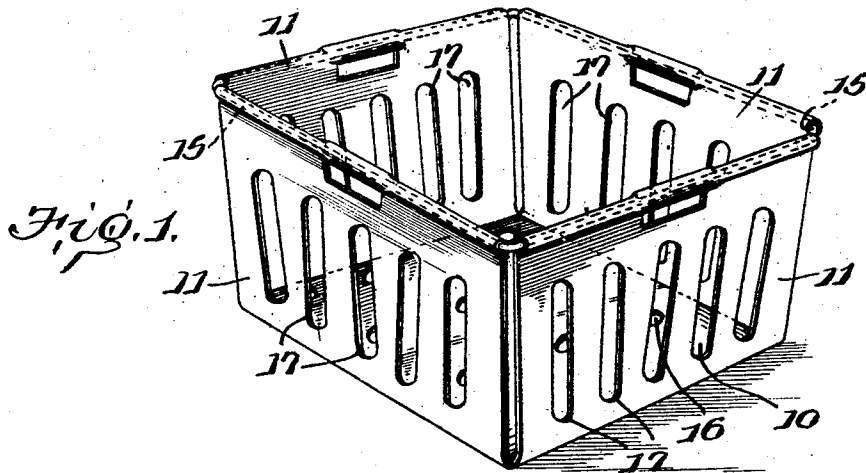


1,234,730.

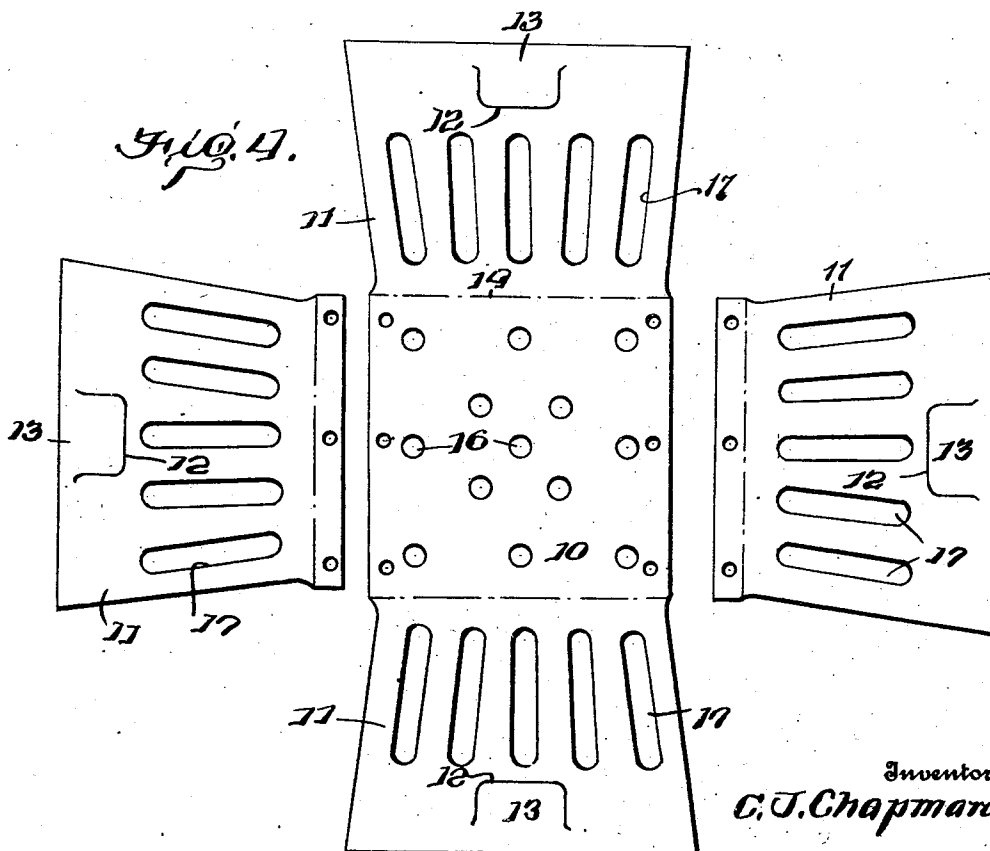
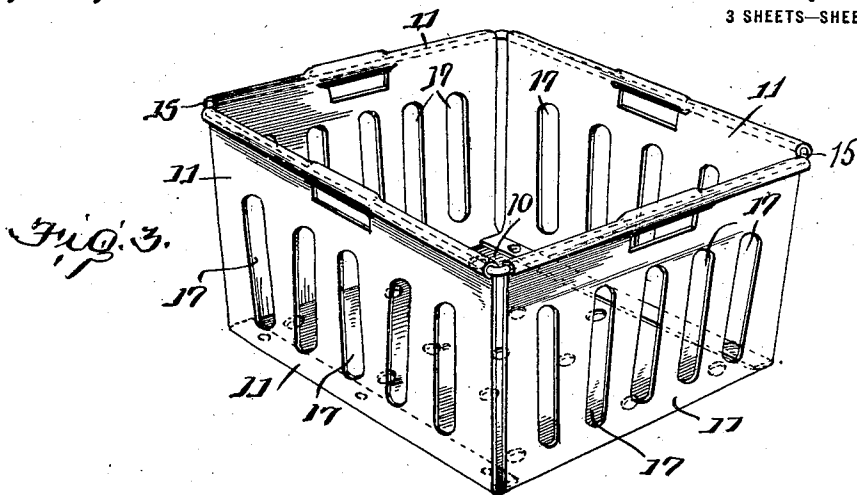
3 SHEETS—SHEET 1.



Inventor
C. J. Chapman

1,234,730.

3 SHEETS—SHEET 2.



Inventor
C. J. Chapman.

ಹೊಯ್ಸ

Chas. S. Sweeney, Attorneys.

1,234,730.

Fig. 5.

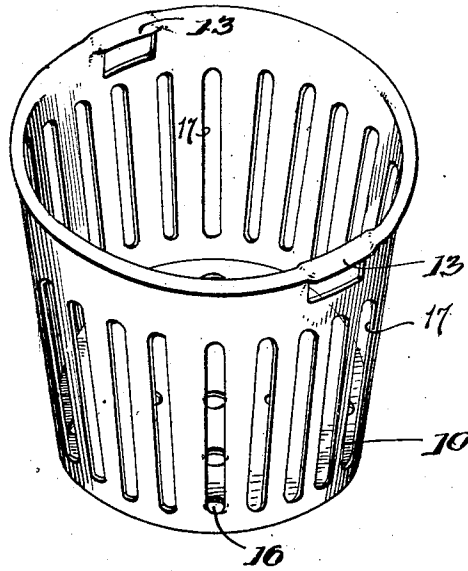
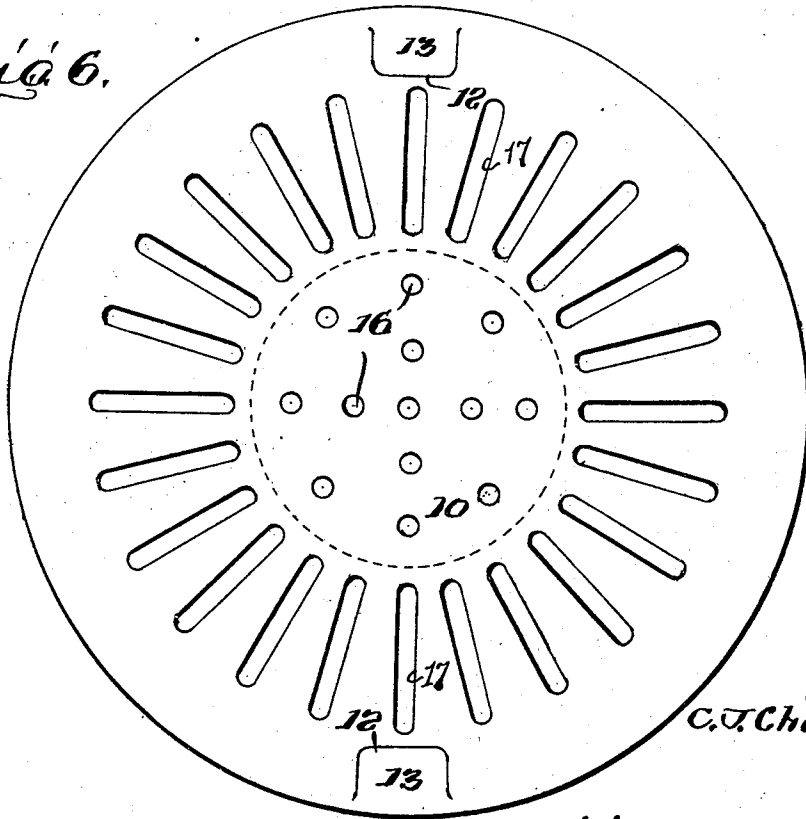


Fig 6.



Inventor
C. J. Chapman

H. A. A. A., Attorneys.

UNITED STATES PATENT OFFICE.

CLEANDER J. CHAPMAN, OF LANSING, MICHIGAN.

SHEET-METAL RECEPTACLE.

1,234,730.

Specification of Letters Patent.

Patented July 31, 1917.

Application filed November 21, 1916. Serial No. 132,687.

To all whom it may concern:

Be it known that I, CLEANDER J. CHAPMAN, a citizen of the United States, residing at Lansing, in the county of Ingham and State of Michigan, have invented certain new and useful Improvements in Sheet-Metal Receptacles, of which the following is a specification.

This invention relates to improvements in receptacles formed of sheet metal and like material, and has for one of its objects to improve the construction and increase the utility and efficiency of a device of this character.

Another object of the invention is to provide a device of this character constructed from one or more plates of sheet metal, and an endless wire band, and without employing other fastening devices.

With these and other objects in view, the invention consists in certain novel features of construction, as hereinafter shown and described and then specifically pointed out in the claims; and in the drawings illustrative of the preferred embodiment of the invention—

Figure 1 is a perspective view of one form of the improved device.

Fig. 2 is a plan view of the blank from which the body of the structure shown in Fig. 1 is constructed.

Fig. 3 is a perspective view of a modified form of the improved device.

Fig. 4 is a plan view of the blank from which the modified structure shown in Fig. 3 is formed.

Fig. 5 is a perspective view of another modified form of the improved device.

Fig. 6 is a plan view of the blank from which the body portion of the modified device, shown in Fig. 5 is constructed.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The improved device is constructed wholly of metal, the body portion being of sheet metal and the binder member of wire of suitable strength, with the terminals preferably connected by electric welding so that the band is endless. The body portion of the device may be of any suitable shape but for the purpose of illustration is shown in Figs. 1 and 3 in square form and in Fig. 5 in circular form.

It is not desired therefore to limit the de-

vice to any particular shape of the body portion. If constructed as shown in Fig. 1, the body portion is first formed as shown in Fig. 2, resembling a Greek cross whereby a central portion 10 and four webs or arms 11 are produced. An elongated U-shaped cleft 12 is formed in each arm near the outer edge, whereby tongues 13 are produced. Each arm is then bent at the juncture of the arms and the portion 10 along the dotted lines 14, the portion 10 thus forming the bottom and the arms 11 the sides of the receptacle with the confronting edges of the members 11 preferably spaced slightly apart, as shown in Fig. 1. A band of wire, indicated at 15, and rendered endless by rigidly connecting its terminals, preferably by electric welding, is then disposed around the side members 11 of the receptacle near their upper edges and the tongues 13 rolled around the adjacent portions of the band. The outer edges of the members 11 are then rolled over the band and likewise over the rolled tongues. By this means the spaces occupied by the tongues serve as hand holds, while the rolled over tongues coacting with the rolled over portions of the sides materially increase the strength of the device where the double rolling is produced and form effectual reinforced handles to the receptacle.

At the corners, as before stated, the confronting portions of the sides 11 are spaced slightly apart, and the short bends of the band 15 at its corners serves to maintain the adjacent portions of the sides in their spaced relation. By this means a ventilating slot is produced at each corner of the receptacle. The bottom portion 10 of the receptacle is preferably provided with a plurality of ventilating apertures 16 while the sides 11 are likewise provided with a plurality of ventilating slots or openings 17. When the receptacle is employed for the transportation of fruit, vegetables, and like perishable goods the ventilating openings will be an improvement and of great advantage.

If the body of the improved device is constructed of a plurality of sections, the form illustrated in Figs. 3 and 4 will be employed with two or more of the sides 11 formed separately and attached to the bottom portion 10 by riveting or otherwise.

The improved device is simple in construction, can be constructed of any required

size and of any suitable gage of material, and will be found very useful for the transportation of fruits, vegetables and the like.

In Figs. 5 and 6 another modified form of the device is shown in which the body portion is first formed, as shown in Fig. 6, circular in outline with the openings 17 radially arranged. In the last modified structure the sides of the device are continuous, and the receptacle produced by pressing the portion of the blank externally of the bottom 10 to form the shape shown in Fig. 5. In the modified structure shown in Figs. 5 and 6, the clefts 12 and the tongues 13 are employed in the same manner, as shown in Figs. 1 to 4, the endless band being circular in this last modified structure.

Having thus described the invention, what is claimed as new is:

20 1. A receptacle formed from a sheet of metal turned up to form the sides of the receptacle with a plurality of elongated

U-shaped clefts spaced from the edges and forming tongues, and a binder member encompassing the folded up sides, the tongues 25 formed by the clefts being folded over the adjacent portions of the band and the outer portions of the sides folded over the band and over the tongues.

2. A receptacle formed from a sheet of 30 metal turned up to form the sides of the receptacle with the confronting edges of the sides spaced at the corners and with elongated U-shaped clefts forming tongues, and a band bent to conform to the outline of the 35 receptacle with the bends of the band at the spaced corners to reinforce the body of the receptacle and prevent displacement of the sides and the tongues folded over the adjacent portions of the band and the outer portions 40 of the sides folded over the band and over the tongues.

In testimony whereof I affix my signature.
CLEANDER J. CHAPMAN. [L. s.]