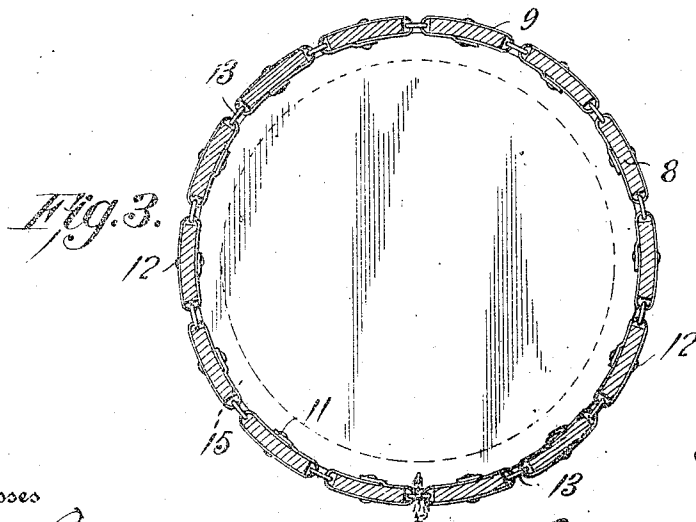
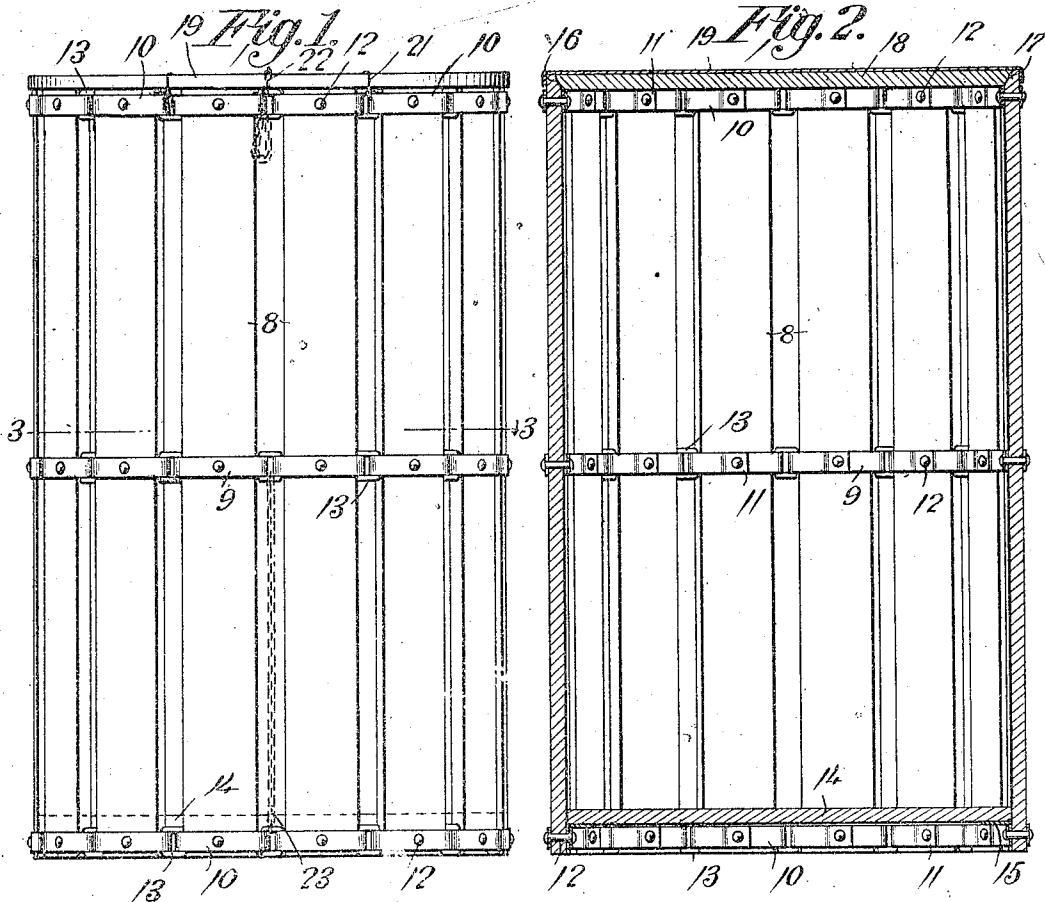


S. P. WOODLEY.
 COLLAPSIBLE CONTAINER.
 APPLICATION FILED JULY 19, 1912.

1,060,304.

Patented Apr. 29, 1913.

2 SHEETS—SHEET 1.



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1,060,804.

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2 SHEETS—SHEET 2.

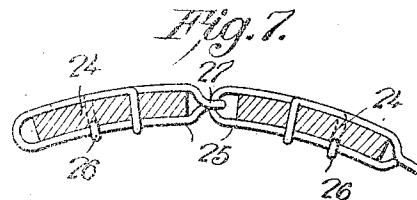
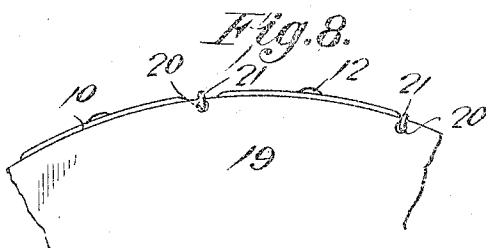
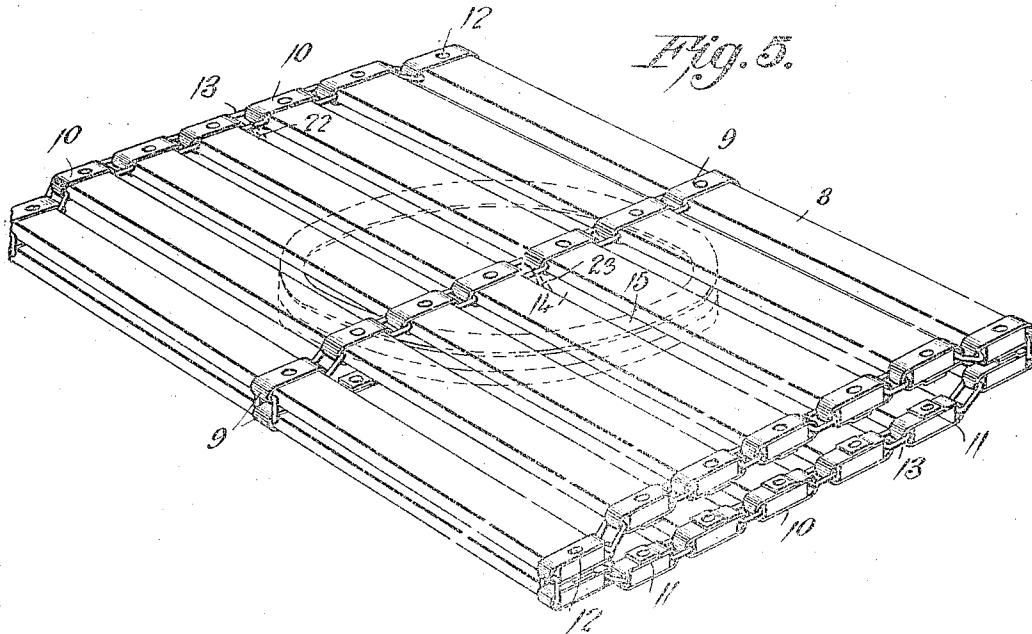


Fig. 4.

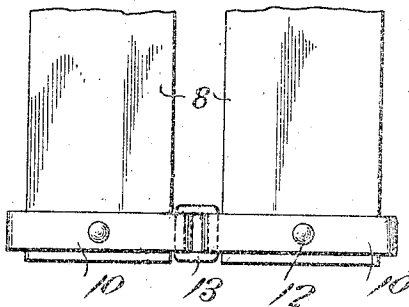
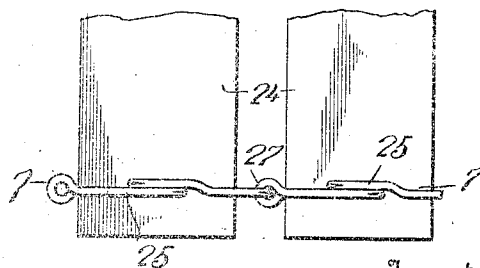


Fig. 6.



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UNITED STATES PATENT OFFICE.

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COLLAPSIBLE CONTAINER.

1,060,304.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, SAMUEL P. WOODLEY, a citizen of the United States, residing at Creswell, in the county of Washington and State of North Carolina, have invented new and useful Improvements in Collapsible Containers, of which the following is a specification.

The invention relates to containers, and more particularly to the class of collapsible receptacles.

The primary object of the invention is the provision of a receptacle of this character in which the body thereof may be readily and easily collapsed so as to permit the convenient transportation of the same so it may be brought into compact form to occupy the least possible space the head being readily removed from the body, yet will be loosely connected thereto so as to prevent the loss of the same or the misplacing thereof when the receptacle is collapsed.

Another object of the invention is the provision of a receptacle of this character wherein the body is composed of a plurality of slats or staves connected together through the medium of links so as to permit reflexing thereof, thus permitting the collapsing of the body or the setting up of the same for the reception of material the body being of uniform cylindrical diameter throughout its length and is provided with removable heads so as to allow the collapsing of the same, yet when in set up condition can be readily handled in transportation, as well as when collapsed.

A further object of the invention is the provision of a collapsible receptacle which may be adapted for general use and when collapsed can be brought to flat condition so that any number thereof may be stacked in the least possible space, the receptacle being simple in construction, strong, durable, thoroughly reliable and efficient in its purpose, and inexpensive in manufacture.

With these and other objects in view the invention consists in the construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the claim hereunto appended.

In the drawings: Figure 1 is a side elevation of a receptacle constructed in accordance with the invention. Fig. 2 is a vertical longitudinal sectional view thereof. Fig. 3 is a sectional view on the line 3—3 of

Fig. 1. Fig. 4 is a fragmentary plan view of the staves and the connections between the same. Fig. 5 is a perspective view of the receptacle in collapsible condition. Fig. 6 is a view similar to Fig. 4 showing a modified form of connection between the staves. Fig. 7 is a sectional view on the line 7—7 of Fig. 6. Fig. 8 is a fragmentary top plan view showing the manner of fastening the head on the receptacle.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawings by numerals, the receptacle comprises a cylindrical body formed of a plurality of staves or slats 8, which are of corresponding length with respect to each other. The same may be made from any suitable material having the requisite strength, and rigidity, and in this instance they are shown made from wood. Embracing each stave or slat 8 are intermediate and outer looped bands 9 and 10 respectively, preferably made from metal, the ends 11 of each band being overlapped at the inner side of the stave or slat and having passed therethrough a rivet or other fastener member 12, which also passes through the stave 8, and is engaged in the band at the outer side thereof, thereby securely fastening the band upon the stave or slat. Loosely engaged in the ends of the intermediate and outer bands 9 and 10 and disposed between adjacent staves or slats 8 are links 13, thus flexibly connecting the staves together in cylindrical form to provide the body of the receptacle which is of uniform diameter throughout its longitudinal extent. Removably fitted within the body is a circular-shaped bottom head 14 to which is fixed at the outer face thereof a marginal metallic ring 15 the latter contacting with the inner portions of the loop bands 10 adjacent thereto, so as to prevent the outward displacement of the head 14 when in position for closing one end of the body of the receptacle. It is of course understood that the receptacle may be used for general purposes in the packing of vegetables, or any other material whereby it may be transported from one locality to another. The staves or slats 8 at the opposite end of the body are provided with inwardly beveled edges 16 upon which rests the beveled marginal edge 17 of a top head 18 which is of circular shape. The top head 18 has mounted upon its outer face a cir-

cular-shaped metallic plate 19 which is of greater diameter than the said head and is adapted to extend over the beveled end edges 16 of the staves or slats 8 when the top head is in position for closing the other end of the body of the receptacle, the extended edge of the plate 19 being provided at intervals with apertures 20 for receiving tie wires 21 the same being engaged with the links 13 for the secure fastening of the top head 18 upon the body of the receptacle. Connected in one of the apertures 20 in the said plate 19 is the link of a flexible chain 22, the same being also connected to one of the links 13, thereby permanently connecting the top head 18 to the body of the receptacle, so as to obviate the possibility of the loss or misplacement of the said head when the body of the receptacle is collapsed. Also connected to the other head 14 is a chain 23, the same being connected with one of the links 13 at the opposite end of the body of the receptacle, the said chain 23 being designed to prevent the loss or misplacement of the head 14 when the receptacle has been collapsed.

In Figs. 6 and 7 there is shown a slight modification in the construction of the body of the receptacle wherein the staves or slats 24 are connected in spaced relation to each other through the medium of wire loops 25, the same embracing the said staves or slats at intervals the ends of each wire loop 25 being passed through the stave or slat and are bent to form eyes 26 which embrace the outside length of the wire loop 25 thereby securely fastening the said wire loop upon the

staves to prevent displacement of the loop thereon. The wire loops 25 on adjacent staves 24 are linked together as at 27 by loosely connecting the loops in a manner as shown.

When the heads 14 and 18 have been removed from the body of the receptacle the latter may be readily collapsed into flat condition for occupying the least possible space during transportation thereof, the heads when detached being inserted in the body of the receptacle on the collapsing thereof.

From the foregoing description taken in connection with the accompanying drawings it is thought that the construction and operation of the invention will be clearly understood, and therefore, a more extended explanation has been omitted.

What is claimed is:—

A receptacle of the class described, comprising a collapsible body formed of a plurality of spaced staves, loop-like bands embracing the staves at intervals, links connecting said bands, removable heads engaging in opposite ends of said body, flexible connections between the heads and the said body, a reinforcing ring mounted on the outer face of one head, and a reinforcing plate mounted on the outer face of the other head.

In testimony whereof I affix my signature in presence of two witnesses.

SAMUEL P. WOODLEY.

Witnesses:

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