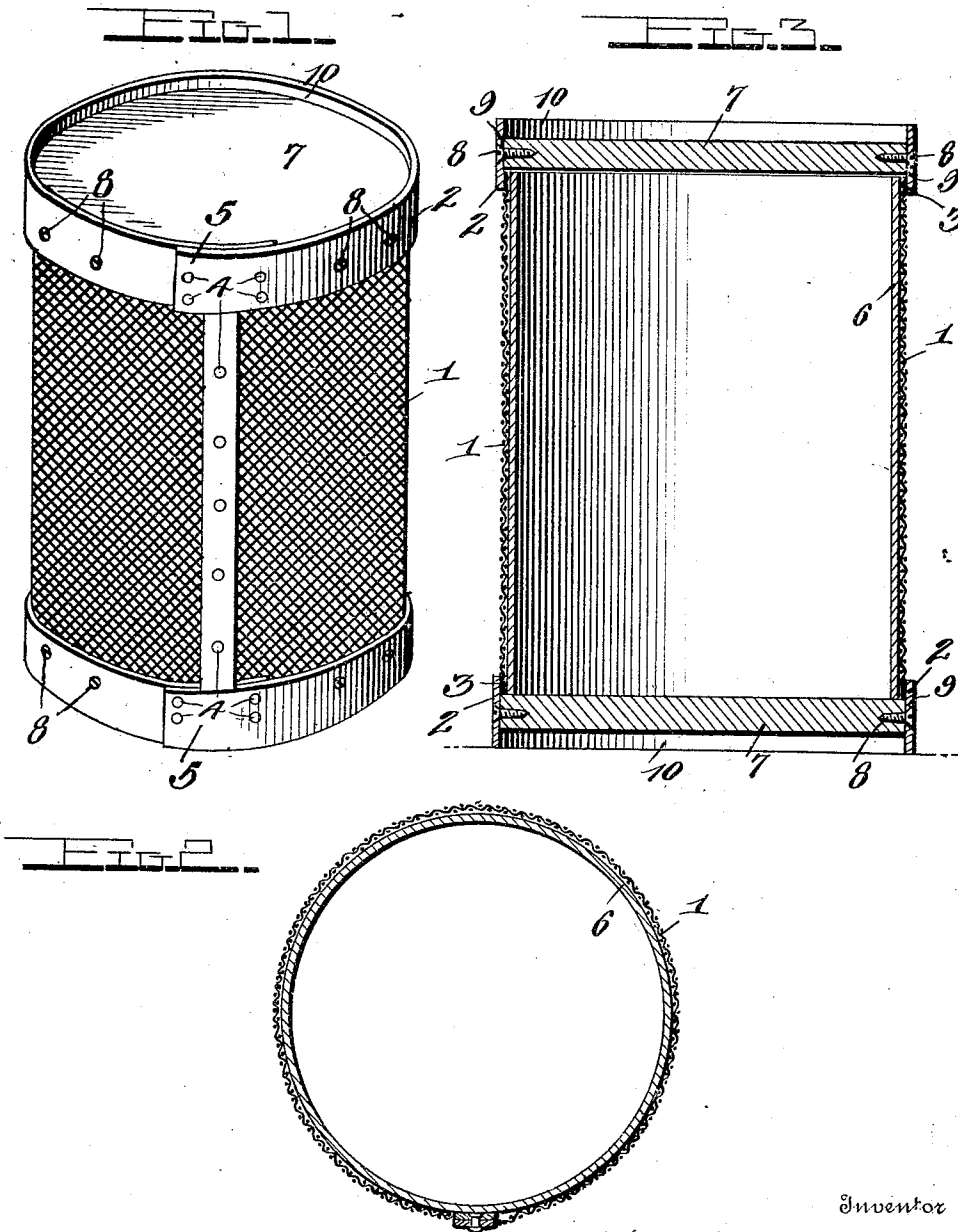


E. C. MORRIS.
 KNOCKDOWN BARREL.
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1,057,761.

Patented Apr. 1, 1913.



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ERNEST CLIFTON MORRIS, OF HEPHZIBAH, GEORGIA.

KNOCKDOWN BARREL.

1,057,761.

Specification of Letters Patent.

Patented Apr. 1, 1913.

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To all whom it may concern:

Be it known that I, ERNEST CLIFTON MORRIS, a citizen of the United States, residing at Hepzibah, in the county of Richmond and State of Georgia, have invented certain new and useful Improvements in Knockdown Barrels, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to new and useful improvements in barrels and more particularly to the type of knockdown barrels and has for its object to provide a barrel which can be used for a number of times and when
15 not in use can be taken apart and folded into a compact bundle so as to occupy the minimum space in shipping and will also render the same easy to handle.

Another object of this invention is to produce a barrel of this character which will possess advantages in points of efficiency and durability, is inexpensive of manufacture and at the same time is simple in construction and operation.

25 With the above and other objects in view the invention consists in the novel features of construction and the combination and arrangements of parts hereinafter more fully described and pointed out in the claim and shown in the accompanying drawings in which—

Figure 1 is a perspective view of a barrel constructed in accordance with my invention; Fig. 2 is a transverse sectional view,
35 and Fig. 3 is a longitudinal sectional view.

Referring more particularly to the drawings 1 indicates the body of the barrel which is made of a heavy wire mesh, having its edges reinforced by means of the marginal strips of sheet iron 2 secured to the edge of the wire mesh as shown at 3. These strips
40 2 are secured to the wire by welding the same, or any other suitable means may be employed.

45 In forming the body of the barrel the strips at the ends of the wire mesh are riveted together as shown at 4 and the ears 5 are formed at each end and disposed on each side of the body portion and adapted

to overlap when the ends are secured together to make a stronger connection. When the cylindrical body of the barrel is formed, a water proof paper tube 6 is then inserted in the body, said tube being of sufficient size to fit snugly within the cylinder. This tube 6
55 is formed from a single sheet of heavy water-proof paper of the desired size, having its ends glued or otherwise secured together to form the cylindrical tube 6. The circular wooden heads 7 are provided of the required size to fit snugly within the upper and lower edges of the body and are held in place by means of the screws 8 passing through the openings 9 in the strips at the upper and lower edges of the body and engaging in the heads.
65 These heads are fitted into the ends of the body of the barrel so that they come below the outer edge and leave an extending flange 10. Screws or nails can be used to hold the head in place but screws are preferably used
70 as they can be quickly and easily removed when the barrel is taken apart for shipment.

In Fig. 1 I have shown the barrel set up ready for use and when it is desired to fold the same for return shipment the heads are
75 taken out by removing the screws 8, the paper tube 6 is then removed and the rivets 4 are cut to allow the body portion of the barrel to be flattened out and these different parts can be tied into compact bundles.
80

While I have shown and described the preferred form of my invention it will be seen that various changes in the details of construction and in the proportions may be resorted to for successfully carrying my
85 invention into practice without sacrificing any of the novel features or departing from the scope thereof.

Having thus described the invention, I claim:

90 A barrel frame comprising a rectangular body portion formed of end and side flexible strips, a wire mesh secured to the inner marginal edges of said strips, the said side strips and wire mesh being rolled upon
95 themselves to form a tubular body, the side strips being of greater width than the end strips and extending beyond the outer edges

thereof, the extensions formed upon said side strips overlapping one another and connected together, the said end strips being connected together, circular heads detach-
5 ably secured within the medial portion of the end strips, a flexible tube mounted within said body between the said heads, and the said side strips adapted to extend be-

yond the circular heads substantially as and for the purpose specified.

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

ERNEST CLIFTON MORRIS.

Witnesses:

JAMES SAWYER,
G. C. SANDUSKY.