Jan. 29, 1924. 1,482,328

J. S. THOMAS

BARREL

Filed Feb. 16, 1923 2 Sheets-Sheet 1

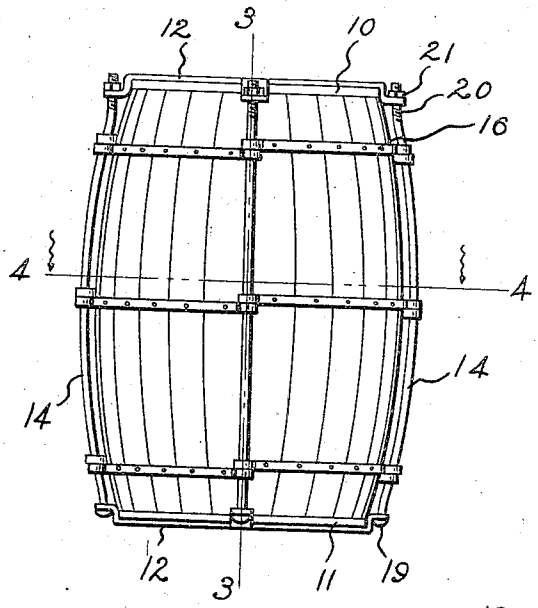


Fig. 1.

Fig. 2.

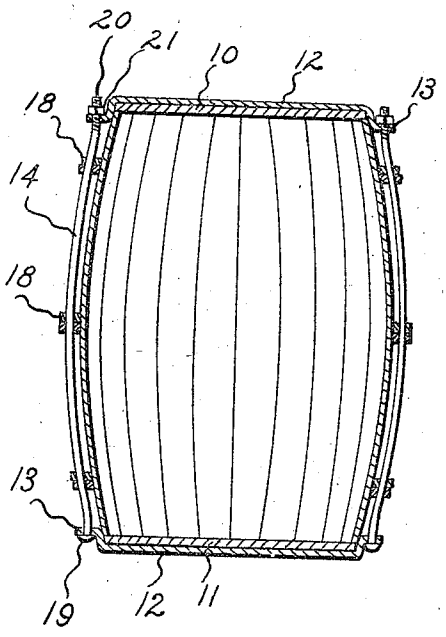
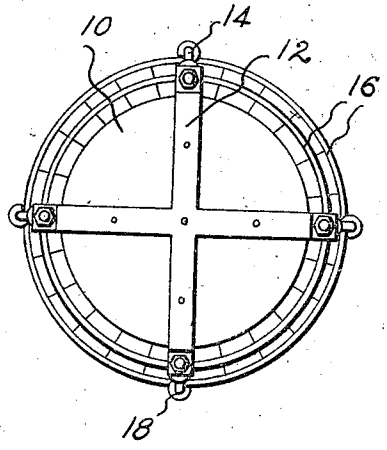


Fig. 3.



Joseph S. Thomas
INVENTOR

BY Victor J. Evans
ATTORNEY

H. E. Cobb
H. Cullison
WITNESS:

Jan. 29, 1924.

J. S. THOMAS

1,482,328

BARREL

Filed Feb. 16, 1923

2 Sheets-Sheet 2.

Fig. 4.

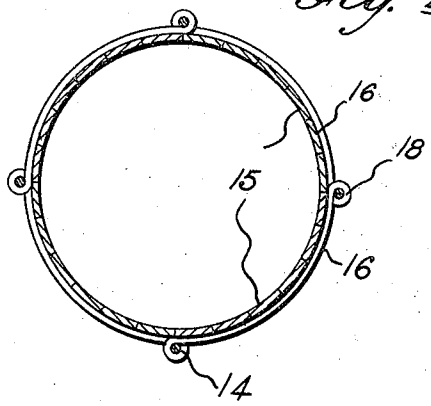


Fig. 6.

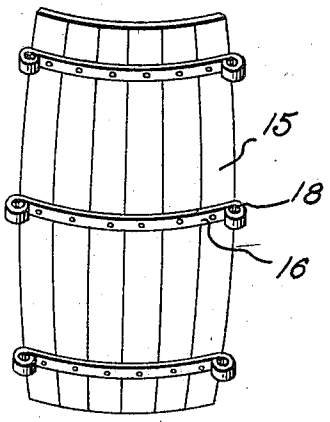
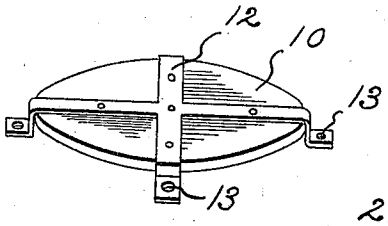


Fig. 5.



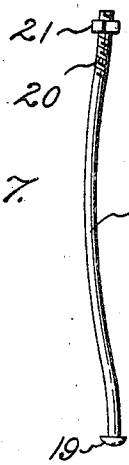


Fig. 7.

F. E. Cook
H. Cullison

WITNESS:

Joseph S. Thomas
INVENTOR

BY Victor J. Evans

ATTORNEY

Patented Jan. 29, 1924. 1,482,328

UNITED STATES PATENT OFFICE.

JOSEPH S. THOMAS, OF SHIPPENSBURG, PENNSYLVANIA.

BARREL.

Application filed February 16, 1923. Serial No. 619,466.

To all whom it may concern:

Be it known that I, JOSEPH S. THOMAS, a citizen of the United States, residing at Shippensburg, in the county of Cumberland and State of Pennsylvania, have invented new and useful Improvements in Barrels, of which the following is a specification.

This invention has for its object the provision of a sectional barrel, designed to permit the sections to be quickly and conveniently collapsed to minimize space for shipping purposes, and quickly set up in position for use, the invention providing a novel construction of means for holding the component parts of the barrel associated in a strong and rigid manner.

The nature and advantages of the invention will be better understood, when the following detailed description is read in connection with the accompanying drawings, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawings forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:

Figure 1 is a view in elevation of a barrel constructed in accordance with the present invention.

Figure 2 is a top plan view.

Figure 3 is a sectional view taken on the line 3—3 of Figure 1.

Figure 4 is a similar view taken on the line 4—4 of Figure 1.

Figure 5 is a detail view of the bottom of the barrel.

Figure 6 is a detail view of one of the barrel sections.

Figure 7 is a detail view of one of the connecting rods.

Referring to the drawings in detail 10 and 11 indicate respectively the bottom and top of the barrel. Each of these parts is provided with wire rods 12 which are arranged in right angular relation in the form of a cross, the terminals of each rod projecting beyond the periphery of the member and formed to provide eyes 13. Manifestly these eyes are arranged at diametrically opposite points and are used in conjunction with hoop rods 14 in a manner and for a purpose to be hereinafter described.

The body of the barrel is made up of a plurality of sections 15, and there are preferably four of said sections. Each section is provided with a number of hoop sections 16, the hoops being constructed of flat material which are riveted or otherwise suitably secured to each section as illustrated. The hoop sections extend beyond the edges of the particular body section to which they are secured, and have their ends twisted and provided with openings 18, so that the hoop sections can be connected by means of the connecting rods 14. When the barrel sections are arranged in position for use, the offset apertured extremities of the hoop sections overlapped to bring the openings 18 thereof into registration for the reception of the adjacent connecting rod 14. Each of these rods is provided with a head 19, and threaded adjacent the opposite end as at 20 to accommodate nuts 21 for holding the component parts of the barrel associated.

In practice, the body sections 15 of the barrel are arranged upon the bottom 10, and the connecting rods 14 pass through the eyes 13 of said bottom and through the overlapping extremities of the hoop sections in the manner above described. The top 11 is then placed upon the barrel, but arranged so that the eyes 13 thereof receive the connecting rods, after which the nuts 20 are threaded on said rods to hold all of the parts reversely associated. The construction is such that the component parts of the barrel can be just as easily and conveniently disassembled or collapsed and subsequently arranged to minimize space for any purpose whatsoever.

While it is believed that from the foregoing description, the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described and that such changes may be resorted to when desired as fall within the scope of what is claimed.

Having thus described the invention, I claim:

1. A barrel including a bottom and top, eyes projecting beyond the periphery of said parts, the body of the barrel being made up of a plurality of sections, hoop sections secured to each body section and projecting beyond the edges thereof and provided with apertures, the apertured extremities of the respective sections being overlapped when the sections are set up for use, and connecting rods passed through the eye

members and through the apertured extremities for rigidly securing the component parts of the barrel together.

2. A collapsible barrel including a bottom, a top, transversely disposed members associated with each of said parts and terminating to provide eyes projecting beyond the periphery thereof, the body of the barrel being made up of a plurality of separable sections, hoop sections secured to each body section and extended beyond the edges thereof and provided with apertures, said apertured extremities of the adjacent body sections being overlapped when the sections are set up for use, a headed connecting rod for each eye member of the bottom and top and adapted to pass through the latter and also through the adjacent apertured extremities of the hoop sections, and a nut associated with each connecting rod for holding the component parts of the barrel rigidly connected together.

In testimony whereof I affix my signature.

JOSEPH S. THOMAS.