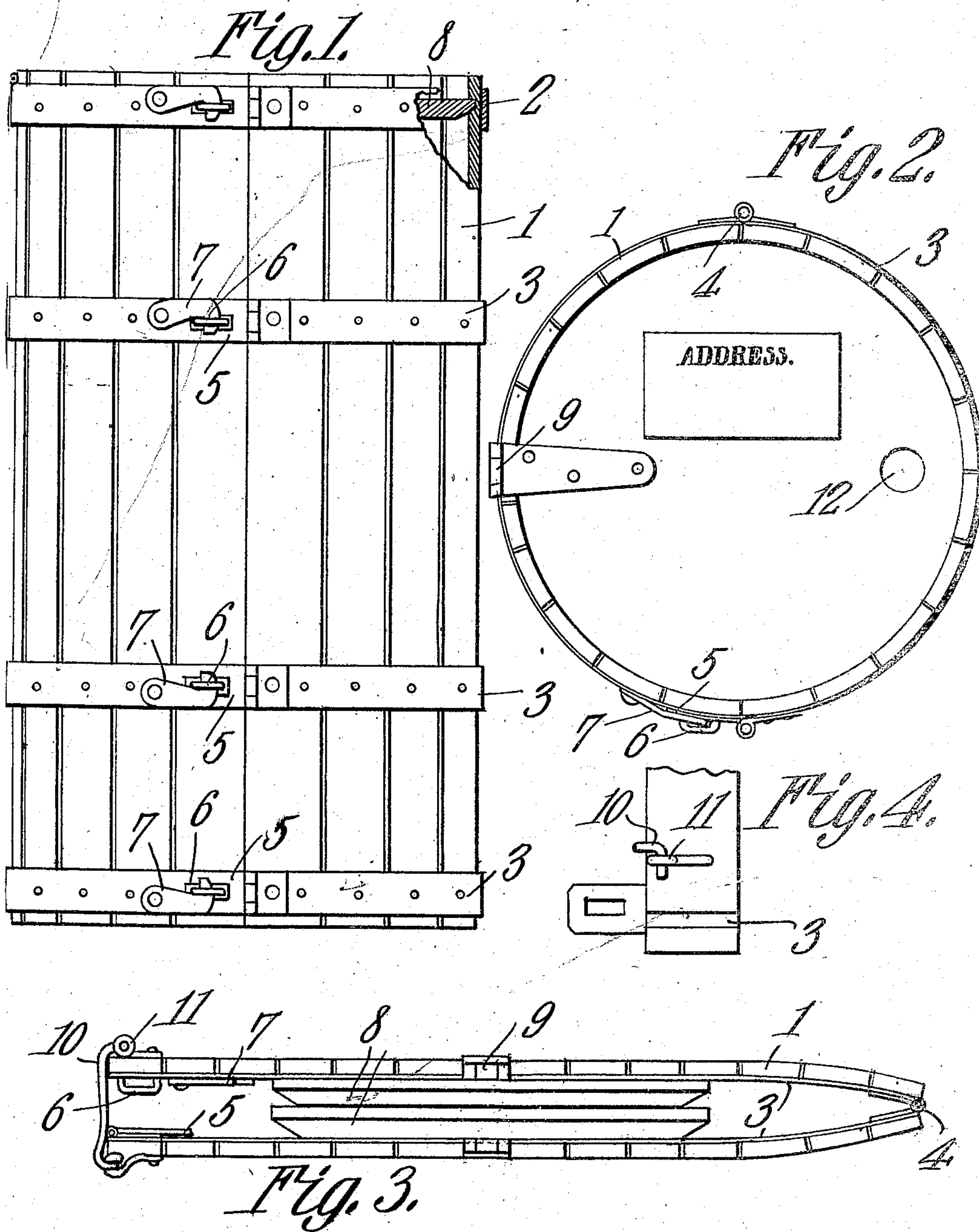


S. LEMLY.
 COLLAPSIBLE BARREL.
 APPLICATION FILED JULY 19, 1907.

900,864.

Patented Oct. 13, 1908.



WITNESSES:
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UNITED STATES PATENT OFFICE.

SAMUEL LEMLY, OF TEXARKANA, TEXAS.

COLLAPSIBLE BARREL.

No. 900,864.

Specification of Letters Patent.

Patented Oct. 13, 1908.

Application filed July 19, 1907. Serial No. 384,631.

To all whom it may concern:

Be it known that I, SAMUEL LEMLY, a citizen of the United States, residing at Texarkana, in the county of Bowie and State of Texas, have invented a new and useful Collapsible Barrel, of which the following is a specification.

This invention has relation to collapsible barrels and similar receptacles and it consists in the novel construction and arrangement of its parts as hereinafter shown and described.

The object of the invention is to provide a collapsible receptacle of cylindrical form such as a barrel, hogshead, pipe, keg, tank or cask and which consists of staves arranged in two sections mounted upon flexible strips. The said strips of one section are hinged at one end to the strips of the other section and at their opposite ends are provided with cooperating engaging elements which, when in engagement establish the continuity of the strips circumferentially about the receptacle. One of the sections of the receptacle is provided with hinged heads which are adapted to swing flat against the outer side of the said section and which may be swung into position substantially at right angles with relation to the inner side of the section to which they are attached. The said sections are adapted to be swung with relation to each other so that their outer sides are approximately parallel with each other and when the said heads are swung against the outer side of the section to which they are attached and hooks and eyes are provided for securing the free edges of the sections together said hooks and eyes being located upon the inner sides of the sections. By this means the receptacle is turned inside out and is collapsed for convenient shipping or storage.

In the accompanying drawing:—Figure 1 is a side elevation of the barrel set up. Fig. 2 is a top plan view of the same. Fig. 3 is a side elevation of the barrel collapsed, and Fig. 4 is a detail elevation of the inner side of the end portion of one of the end staves of one of the barrel sections.

The receptacle consists of the staves 1 which are crozed at 2 in the usual manner, and which may be of wood, metal or board paper. The said staves are arranged in two sections and the staves at each section are connected together by the flexible metallic strips 3 to which they are attached by rivets or other securing means. Said strips are lo-

cated upon the outer sides of the staves. The strips of one section are hinged at one end to the strips of the other section as at 4. The hinged hasps 5 are attached to the free ends of the strips of one of the receptacle sections while the staples 6 are attached to strips of the other section which said last strips are also provided with the hooks 7 which are adapted to pass under the receptacle and secure the hasps thereon when the barrel sections are arranged in cylindrical form. By this means the continuity of the strips circumferentially about the receptacle may be established or interrupted at will. One of the receptacle sections is provided with the hinged heads 8 which may be circular or elliptical in configuration. The hinges 9 which form the securing means for the said heads are riveted or otherwise secured to the upper and lower strips 3 of that section of the receptacle to which the said heads are attached. The heads 8 may be swung laterally against the outer side of the sections to which they are attached and when so swung they may overlap each other. The said heads may also be swung so that their edges will be in the same plane as the croze grooves 2 of the staves 1 and when so positioned the sections of the receptacle may be swung around the heads so that the said croze grooves will receive the edges of the heads thus forming a peripheral securing means for the head. The inner side of each section is provided at its free edge with cooperating securing devices such as the hooks 10 and eyes 11. When the barrel is set up the said hooks and eyes are within the same and present no obstruction to handling, etc. When the heads 8 are folded against the outer side of the section to which they are attached and the other section is swung over the heads the hooks 10 are caught into the eyes 11 and by reason of the resiliency of the strips 3 sufficient elasticity is provided in order to hold the said hooks in engagement with the said eyes. Thus, the parts of the receptacle may be folded into compact relation for convenience in shipping and storing. The top head of the receptacle is provided with a finger hold 12 which is located diametrically opposite the hinge which secures the said head to the receptacle section and which may be used for swinging the said head upon its hinge thereby avoiding the use of a pry or other implement calculated to damage or fracture the head.

Having described my invention what I claim as new and desire to secure by Letters-Patent is:—

5 A receptacle adapted to be transformed from set up position to knocked down position with its side parts inner side out, consisting of sections hinged together, heads hinged to one of said sections at points intermediate the ends thereof, in such manner
10 that the heads may swing toward the outer side of said section and overlap each other

against the outer side thereof, the other section being adapted to lie with its outer side toward the overlapped hinged heads when the receptacle is collapsed.

15

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

SAMUEL LEMLY.

Witnesses:

ALFRED B. D. LOACH,
ROBERT HEARD WHATLEY.