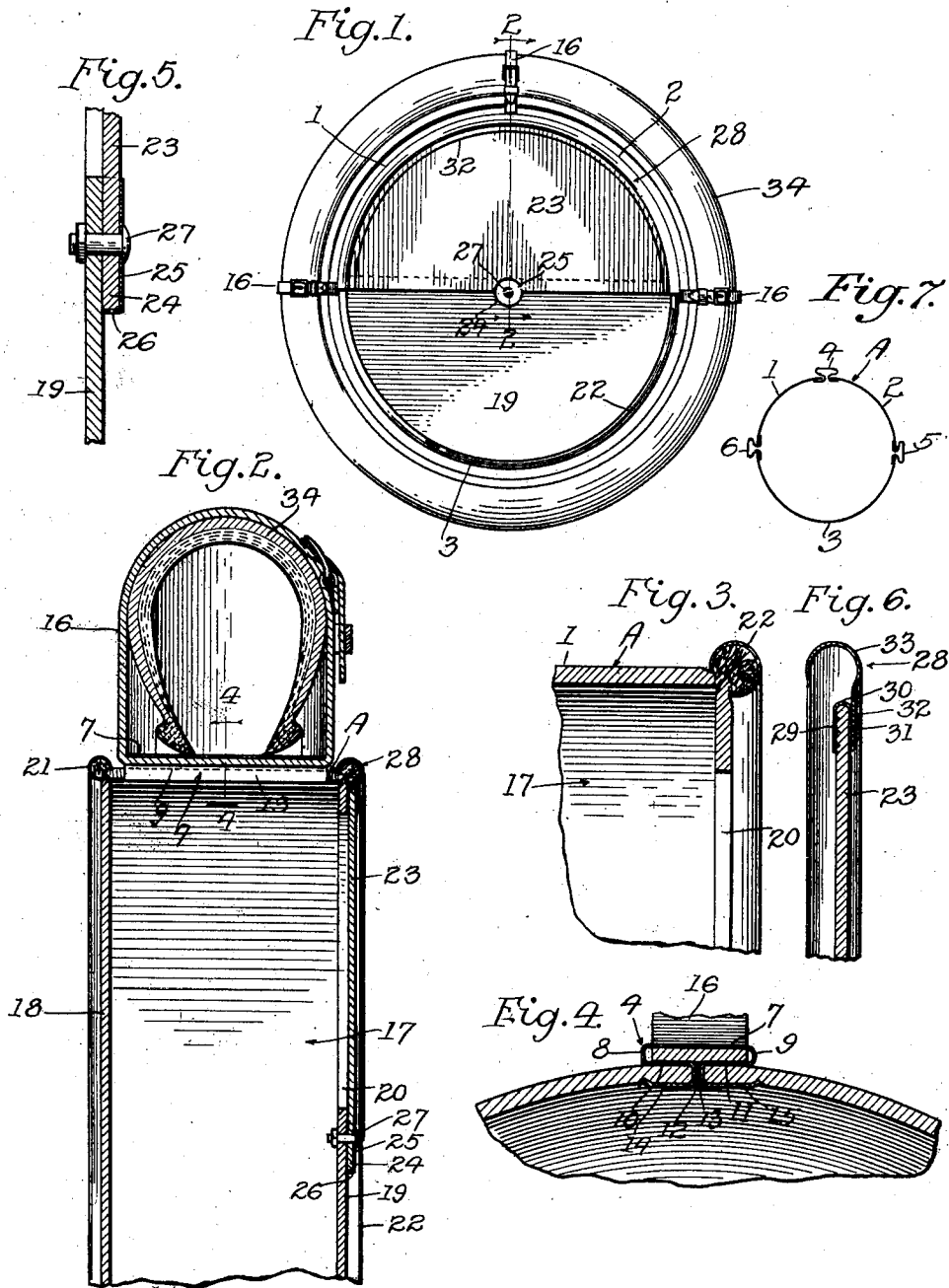


L. DOLL.
TRUNK.

APPLICATION FILED APR. 1, 1910.

983,693.

Patented Feb. 7, 1911.



Witnesses:
G. Williams
Chas. M. Daskam

Inventor,
Louis Doll.
By *Samuel L. Wells*,
Attorney.

UNITED STATES PATENT OFFICE.

LOUIS DOLL, OF LOS ANGELES, CALIFORNIA.

TRUNK.

983,693.

Specification of Letters Patent.

Patented Feb. 7, 1911.

Application filed April 1, 1910. Serial No. 552,755.

To all whom it may concern:

Be it known that I, LOUIS DOLL, a citizen of the United States, residing at Los Angeles, California, have invented a new and useful Trunk, of which the following is a specification.

My object is to construct a case to be carried within the circle of an extra tire for automobiles and the like, the case to be used as a receptacle for carrying apparatus, tools and supplies, and my invention consists of the novel features herein shown, described and claimed.

Figure 1 is a side elevation of a pneumatic tire with a tire case embodying the principles of my invention in use. Fig. 2 is an enlarged cross section on the line 2—2 of Fig. 1 and showing the details of construction. Fig. 3 is a fragmentary sectional detail upon an enlarged scale drawn for the purpose of showing the connection between the circular wall and one of the flat end walls. Fig. 4 is a fragmentary sectional detail on the line 4—4 of Fig. 2 and showing the connection between the sections of material which make up the circular wall, and showing how this connection forms a strap loop. Fig. 5 is a fragmentary sectional detail showing the pivotal connection between the rigid cover and the movable cover. Fig. 6 is a fragmentary sectional detail of the movable cover and showing the binding which is applied to the circular edge of the cover and slidingly engages the circular rim shown in Fig. 3. Fig. 7 is a diagrammatic view on a plane parallel with Fig. 1 and illustrating the construction of the circular wall.

Referring to the drawings in detail, the circular wall A is preferably made up of sections 1, 2, 3 of stiff material such as fiber board, tarred board and the like, and these sections are connected by clamps 4, 5 and 6 so as to form a substantially perfect circle. Each of the clamps is formed of sheet metal and comprises a central portion 7, the portions 8 and 9 extending inwardly substantially at right angles from the sides of the central portion 7, the portions 10 and 11 extending toward each from the inner sides of the portions 8, and 9, the portions 12 and 13 extending inwardly from the inner edges of the portions 10 and 11, and the portions 14 and 15 extending in opposite directions from the inner edges of the portions 12 and 13. The central portion 7 is somewhat wider

than the width of the strap 16, and the portions 8 and 9 are wider than the thickness of the strap 16 so as to form a loop for said strap, said loop extending from near one edge of the circular wall to near the other edge, and the portions 12 and 13 are wide enough to cover the edges of the sections 1, 2 and 3, so that said sections may be inserted between the portions 10 and 14, and 11 and 15 respectively, and said portions are pressed tightly against the material and indented so as to securely hold themselves to the material, thereby connecting the edges of the sections 1, 2 and 3 together. The ends of the chamber 17 formed by the circular wall are closed by the flat circular bottom 18, and the flat circular top 19, said top 19 having a semi-circular opening 20 in its upper half. The edges of the circular wall are connected to the edges of the bottom 18 and the top 19 by circular open seam tubular rims 21 and 22, said rims being formed of sheet metal.

In making up the trunk the rims are formed with the edges comparatively wide apart so that the edges of the circular wall and the ends may be inserted, and then the metal of the rims is spun or pressed so that they will clamp and grip the material and hold the parts together as shown in Figs. 2, 3 and 5. The swinging cover 23 is semi-circular in plan and large enough to more than cover the opening 20, said cover being formed of material similar to the other walls of the trunk, and in cutting out the cover a semi-circular projection 24 is formed at the center of its straight side, said projection being covered by a circular plate 25, and a flange 26 extends from the edge of said plate to cover the edge of the projection 24. A bolt 27 is inserted through the center of the plate 25 and through the sliding cover, and through the rigid cover to form a pivot upon which the cover turns.

A binding 28 is applied to the circular edge of the cover and slidingly engages the rim 22. The binding 28 is formed of sheet metal and comprises the inner clamping plate 29, the curved portion 30, the outer clamping plate 31, there being space between the inner clamping plate 29 and the outer clamping plate 31 for the insertion of the material of the cover, the return portion 32 bent back upon the outer clamping plate 31 and the tubular rim portion 33 extending outwardly from the portion 32. In applying the binding thus constructed the ma-

terial of the movable cover is placed in position and the inner clamping portion 29 pressed against the material and indented so as to firmly grip the material, then the cover 5 is placed in position the tubular rim 33 having been only partly formed and then the tubular rim is spun or pressed around the rim 22 so as to form a tight sliding connection with said tubular rim 22, so as to keep 10 water and dirt out of the case.

When the device is right side up on edge as shown in Fig. 1 it will effectually shed rain and exclude all dirt and dust.

The case thus constructed may be inserted 15 within the circle of a tire casing 34 and the straps 16 may be extended around the tire casing and buckled so as to secure the device in place.

I claim as my invention:

A trunk comprising a circular wall formed 20 of sections of material, clamps connecting the sections of material together to form a circle, strap loops carried by the clamps, a rigid bottom closing one end of the chamber formed by the circular wall, a rigid top closing 25 the other end of the chamber and having a cover opening, a semi-circular movable cover pivoted to the rigid top at a point intermediate of the ends of its straight side, a binding secured upon the circular edge of 30 the movable cover and slidably connecting the movable cover to the body of the trunk.

LOUIS DOLL.

Witnesses:

IDA M. DASKAM,
C. J. WILLIAMS.