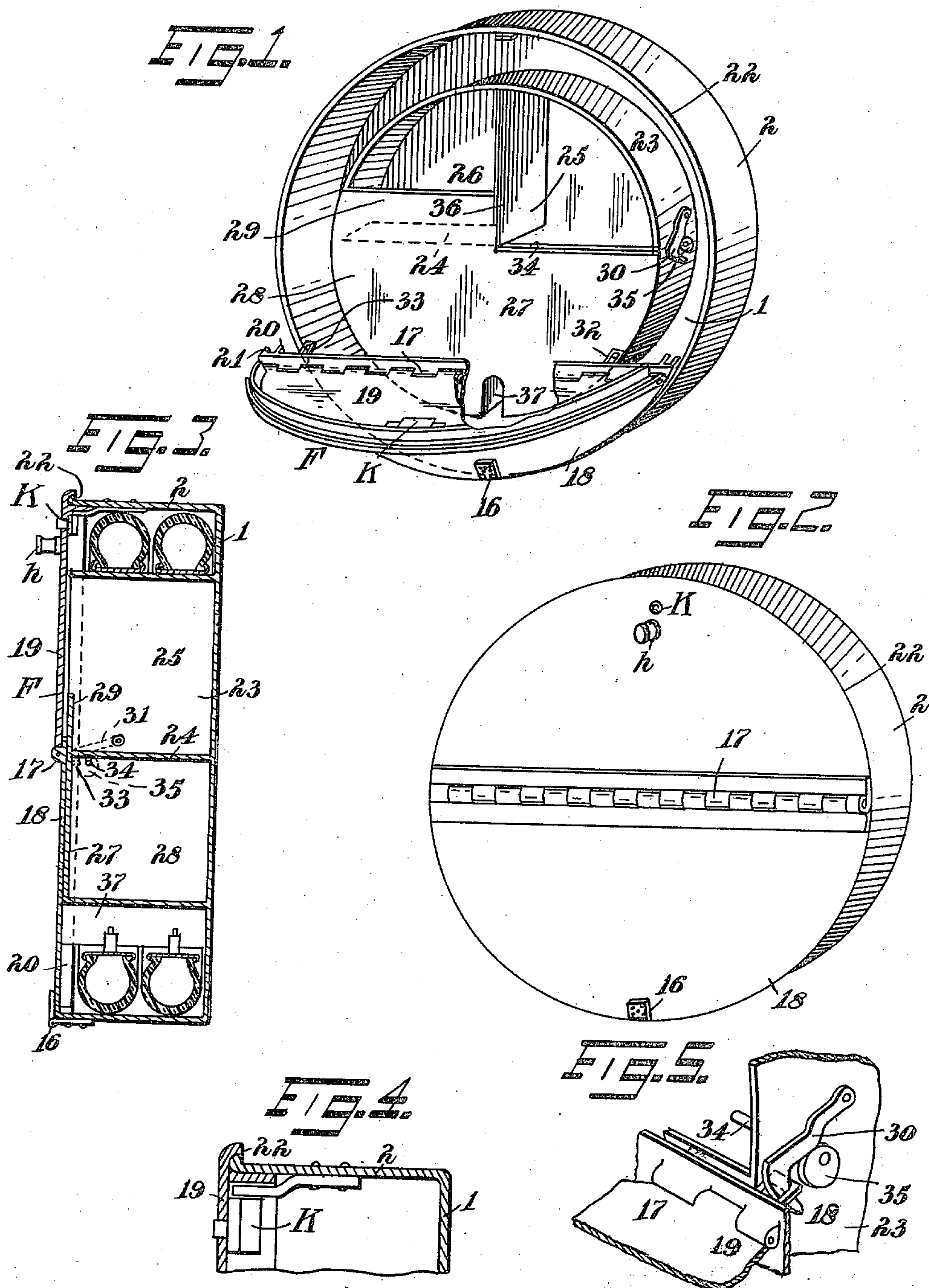


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 AUTO TIRE CONTAINER.  
 APPLICATION FILED MAY 5, 1909.

966,414.

Patented Aug. 9, 1910.



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# UNITED STATES PATENT OFFICE.

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AUTO TIRE CONTAINER.

966,414.

Specification of Letters Patent.

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*To all whom it may concern:*

Be it known that I, BERNARD A. ALPERIN, a citizen of the United States, residing in New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Auto Tire Containers, of which the following is a specification.

This invention relates to a receptacle or case for motor cars, for the tires and their accessories and has for its object to provide a casing that will efficiently protect both the inner tubes and the outer casings from the elements, which will be strong and rigid; and which will also have the joints of the cover provided with means for preventing entrance of water or dust into the case.

In the accompanying drawings representing embodiments of my invention Figure 1 is a perspective view of the case with the lid partly swung open. Fig. 2 is a view of the case. Fig. 3 is a vertical section. Fig. 4 is a detail section at the top enlarged. Fig. 5 is a detail enlarged of the locking means for the lower portion of the cover.

The case is shown as drum shaped, and comprises a rear member 1 to which is secured the cylindrical side member 2. Both of these members are preferably of rigid material such as sheet metal and may be made of aluminum for lightness. The case further comprises a front member denoted generally by F that is hinged thereto to open and close for insertion and removal of the tires and other articles. This casing is of a size to receive the largest tire it is desired to carry for the car. The front or cover of the case is shown as hinged at 16 to the bottom member, and for convenience may be hinged also at its middle portion 17, comprising two half circular portions 18 and 19. The lower hinged plate 18 has a flange 20 snugly engaging the inner face of the cylindrical portion 2, and also has an external flange 21 lapping the outer edge of the portion 2. The member 2 is also preferably provided with an external flange 22. These parts have a snug fit and will effectually prevent the entrance of water and dust into the case. The hinge portion 17 of the upper hinge plate 19 is located below the top of the plate 18, whereby these two plates will lap and rain and dirt cannot enter at this joint. The upper hinged plate 19 may be provided with a lock denoted generally by K, by which the cover

can be secured in closed position and the contents cannot be tampered with.

The case is preferably provided with a central partition member inside of the space occupied by the outer tire, and a cylindrical partition 23 is shown secured to the back member 1. This forms an inner compartment, that may have a horizontal shelf 24 having a vertical wall 25, by which a smaller compartment 26 is provided. If desired a front cover for the cylindrical partition 27 is provided, as shown in Fig. 3, forming a lower compartment 28, which partition extends slightly at 29 and closes a portion of the smaller compartment, above the vertical plate 27. Articles such as inner tubes can be placed in the larger compartment, when the cover is opened; and the smaller compartment with its short front partition forms a convenient compartment for small articles, such as tire repair devices. Obviously this inner circular compartment member can be divided in other ways for receiving various articles, or may not be subdivided at all. It would form a convenient receptacle also for hats or wearing apparel.

When it is desired to have access to the inner compartment, it is not necessary to open the entire front member but only to swing down the upper hinged half 19. Therefore means are desired to secure the lower half 18 in closed position. A pair of spring hooks 30 and 31 are provided on the outer portion of the circular casing 23, that engage eyes 32 and 33, on the inner portion of the lower hinge member 18. To raise these hooks conveniently to disengage the hinge member, a spindle 34 is located in bores in the side wall 23, carrying a cam 35 at each end, that engage these hook members and raise them out of the eyes, when the spindle is swung by an arm 36, projecting upward from the spindle at the middle portion. For convenience in handling, the upper hinge plate 19 may have a suitable handle h.

In order to provide for the valve member in tire casings such as are known as ready inflated tires, an opening or socket 37 is provided at one portion of the inner compartment member, preferably at the bottom, into which the valve stem can project.

Having thus described my invention, I claim:

1. The combination of a drum shaped case



having at one side a semi-circular lid portion hinged to the case, said lid having a flange on its peripheral portion projecting inside of the casing in engagement therewith when closed, and also having a flange portion engaging the outside of the case when closed to form a tight closure, the hinge portion of the cover being located below the edge of the engaged portion to form a tight joint.

2. The combination of a drum shaped case having at one side a semi-circular lid portion hinged to the case, the case having a reëtrant socket portion in its periphery having walls closing the interior of the case.

3. The combination of a drum shaped case having at one side a semi-circular lid portion hinged to the case, the case having two radial partitions forming a quadrant shaped compartment exposed on the opening of the said lid, a short wall at the front of said compartment, the case having a reëtrant socket portion in its periphery having walls closing the interior of the case.

4. The combination of a drum shaped case one of the circular sides hinged thereto at the periphery, said side having a part hinged on a diameter to swing on an axis parallel with the said hinge, fastening means for the side part hinged to the case comprising a pair of spring latches in the case,

a pair of eyes on the said member engaged by the latches, a spindle, an arm for swinging the spindle, and cams on the spindle engaging the spring latches to swing them to release the said eyes upon swinging the spindle.

5. An automobile trunk formed at its edge with a notch extending entirely across the same.

6. An automobile trunk having at its edge a reëtrant socket portion having walls closing the interior of the trunk.

7. The combination of a case having a lid portion hinged thereto, the casing having a reëtrant socket portion in its periphery having walls closing the interior of the case.

8. The combination of a drum-shaped casing of rigid material having one circular side hinged at the periphery, said side being in two parts hinged together at its middle portion, the casing containing a central compartment member forming an annular partition, means on said compartment member for engaging the part of the said side that is hinged to the casing for locking it closed, and means for securing the other hinged portion to the casing.

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