Mar. 3, 1925. 1,528,299

A. MEZZO

WATER TIGHT RECEPTACLE

Filed May 14, 1923

Fig. 1.

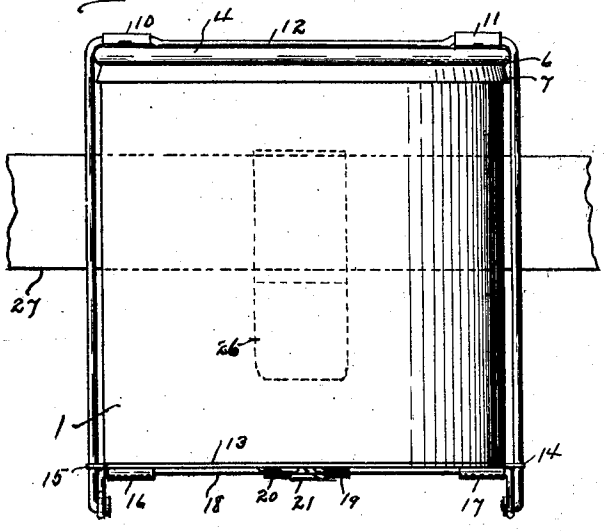


Fig. 2.

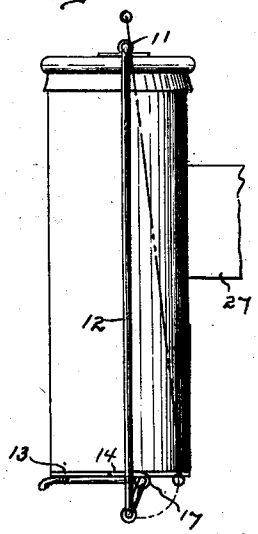


Fig. 3.

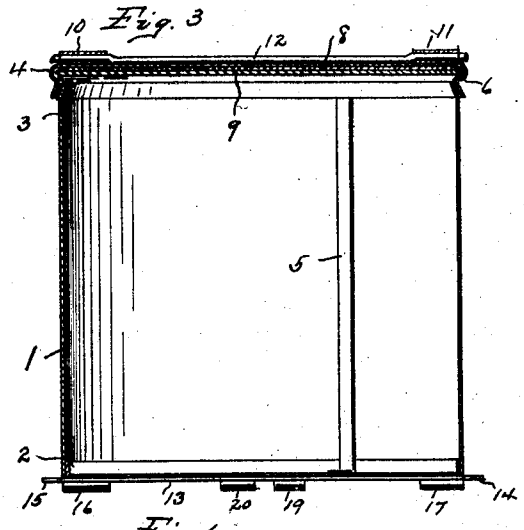


Fig. 4.

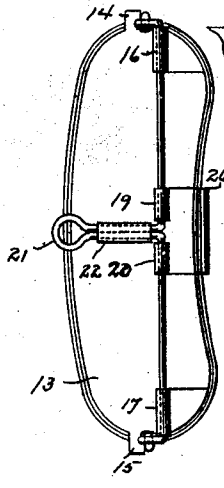


Fig. 5.

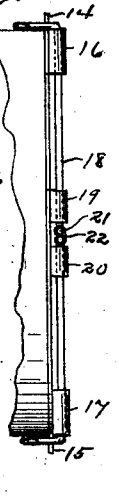
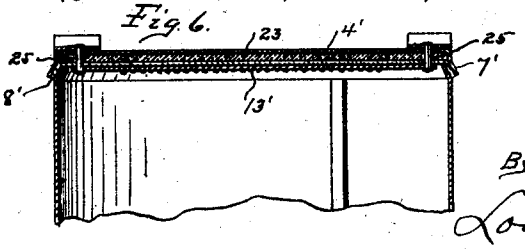


Fig. 6.



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UNITED STATES PATENT OFFICE.

ALEXANDER MEZZO, OF NEWARK, NEW JERSEY.

WATER-TIGHT RECEPTACLE.

Application filed May 14, 1923. Serial No. 638,754.

To all whom it may concern:

Be it known that I, ALEXANDER MEZZO, having renounced my allegiance to the King of Italy and declared my intention to become a citizen of the United States, and now residing in the city of Newark, county of Essex, and State of New Jersey, have invented a new and useful Improvement in Water-Tight Receptacles, as set forth in the annexed specification.

My invention relates that class of receptacles which are designed to contain articles which it is necessary to keep free from moisture, such as jewelry, matches, cigarettes, etc., and is intended for the use of bathers or others who, from the nature of their occupation, may be exposed to the elements. The invention comprises a metallic box of convenient shape to be attached to the person of the user, and is provided with a cover which may be firmly secured to the box in such a manner as to exclude water therefrom, and to preserve the contents thereof in a perfectly dry condition.

In the accompanying drawing, forming a part hereof,

Fig. 1 is a front view of the receptacle, showing the cover in place and locked to the box-body, and with a belt for securing the box to the wearer.

Fig. 2 is a side elevation of the same.

Fig. 3 is a vertical section.

Fig. 4 is a bottom plan view.

Fig. 5 is a fractional view of the bottom portion of the box body, showing the locking lever in section.

Fig. 6 is a vertical section of a slight modification, showing another form of cover sealing means.

Similar reference characters refer to like parts throughout the specification and drawing.

The box-body 1, is made of sheet metal, curved as shown to conform to the person of the wearer, and having the usual inset bottom 2 soldered or otherwise secured in place as shown. The upper or open end of the box-body is inwardly beveled as at 3, to receive a similarly beveled cover 4. The interior of the box may be divided by cross-partitions 5, which are soldered or otherwise secured in place to form a plurality of compartments within which the articles may be stored and kept separate, as, for example: one compartment may contain cigarettes and another may contain matches.

In order to form a seal for the receptacle, I provide the cover with a semi-cylindrical bead 6, which completely surrounds the top of the cover from which the beveled part or margin 7 depends. Within the cover and conforming to the general contour thereof, is a strip or sheet of rubber 8, which is forced into place and held within the cover by a metallic plate 9, which is of the same shape but slightly smaller than the top of the cover, so that it may be forced into place, against the inner face of the cover top, with the margin of the strip of rubber hanging, skirt-like against the beveled margin 7. When the cover is applied to the top of the box 1, and forced down upon the beveled part thereof, the rubber strip 8 is compressed, and forms a water-tight seal for the box.

Upon the upper side of the cover 4 is a pair of keepers 10, 11, soldered or otherwise secured in place, through which the wire bail 12 is inserted and bent at right angles just outside of the keepers so as to extend along the sides of the box in inverted U-shape as shown. Upon the bottom of the box the plate 13 is soldered or otherwise secured, said plate conforming to the shape of the inset bottom 2, but having the end lugs 14, 15, which serve as stops for the lower ends of bail 12; the plate also has its ends cross-slit about half way with the parts 16, 17 rolled over to form keepers through which the locking wire 18 is inserted. This locking wire is bent at its middle as shown to form a sort of crank or arm by which the locking wire may be turned in the keepers 16, 17. The ends of the locking wire are bent at right angles just outside of the keepers and the extreme ends are formed into "eyes" into which the extreme ends of the bail 12 are turned and fastened as by riveting or upsetting. In order to still further strengthen the locking wire 18, I may provide additional keepers near the middle by cross-slitting the plate 13, and then rolling the parts 19, 20 over the adjacent parts of the wire 18. The crank or arm 21 may be strengthened by wrapping around it the ferrule 22. The angle between the bent ends of the wire and the crank 21 is slightly less than a right angle, as shown in Fig. 2, so that when the crank lies flat against the plate, the bail 12 will have swung across the line of centers of the keepers 16, 17 and 19, 20; but when said crank is swung away

from the plate 13, as shown in dotted lines, the strain put upon the bail 12 will be relieved and the cover 4 will be raised to open the box.

The metallic plate 9 may be of any metal susceptible of a high polish so as to form a mirror, so that when the box is opened as described, the cover may be so turned upon the bail as to expose the mirror to the view of the wearer. Or if desired the plate may be corrugated to serve as a surface upon which to scratch friction matches.

In Fig. 6, I have shown a slight modification of the cover 4'. In this case, the cover has the skirt-like beveled margin 7', forming a recess in which a rubber pad 23 is closely fitted. The sheet rubber strip 8' is then placed against the pad, and the plate 13' is then secured in place by the rivets 25, so as to leave a free space completely surrounding said plate in order that the edge of the box 1' may be pressed firmly against the rubber strip 8'. In this manner, an additional safeguard is provided for the exclusion of water or moisture from the box. It is understood that the means for locking the cover to the box is the same as above described.

In order that the box with its contents may be secured to the person of the wearer, a hook is soldered or otherwise secured to the rear face of the box, as at 26, by which it may be attached to a belt 27.

When the cover is pressed down firmly upon the top of the box 1, by the turning of the crank or arm 21 against the bottom plate 13, a firm and secure lock is provided for the cover, and the contents of the box are kept safely from contact with water, although it may be immersed therein.

While I have shown and described the preferred form of construction for my improvement, yet other forms may be selected which will come within the spirit and scope of my invention, and I desire to include all such constructions and forms within the claims hereto appended.

I claim:—

1. In a water-tight receptacle, the combination of a box-body, a cover therefor, said box-body and cover having complementary beveled meeting edges, a flat strip of rubber secured within said cover, and adapted to be compressed between said beveled edges when they are pressed together, a wire bail pivotally secured to said cover having its free ends extending parallel to the ends of said box-body, and a locking member pivotally secured to the bottom of said box-body and having pivotal connection with the free ends of said bail, whereby the manipulation of said locking member serves to lock and unlock said cover and box-body.

2. In a water-tight receptacle, the combination of a box-body, a cover therefor, said box-body and cover having complementary beveled meeting edges, a flat strip of rubber secured within said cover and adapted to be compressed between said beveled edges when they are pressed together, a U-shaped bail pivotally secured to the top of said cover, a locking wire pivotally secured to the bottom of said box-body, said wire having its ends rectangularly bent and in pivotal engagement with the free ends of said bail, whereby upon the rocking or turning of said locking wire said bail will draw said cover into sealed engagement with said box-body.

ALEXANDER MEZZO.