April 7, 1925. 1,532,614

K. WAIBEL

WATERPROOF CONTAINER

Filed June 12, 1924

Fig. 1.

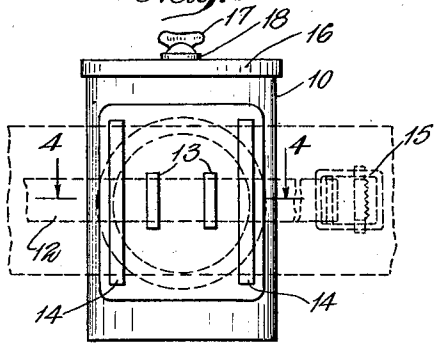


Fig. 2.

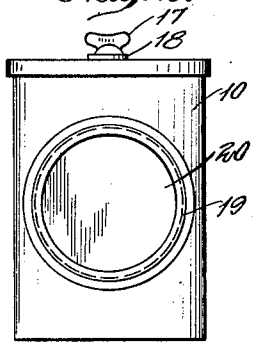


Fig. 3.

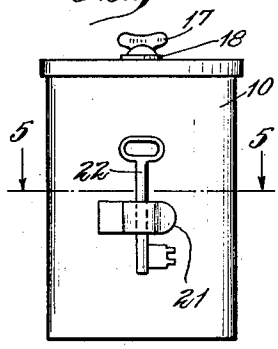


Fig. 4.

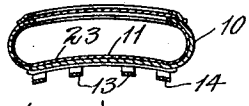


Fig. 5.

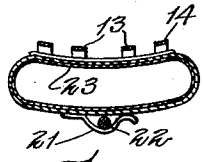


Fig. 6.

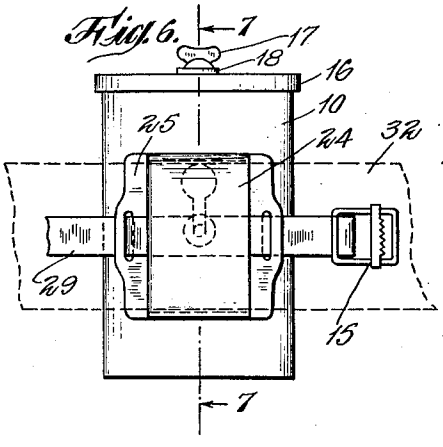


Fig. 7.

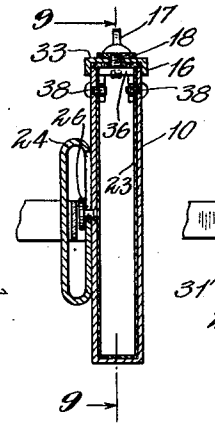


Fig. 8.

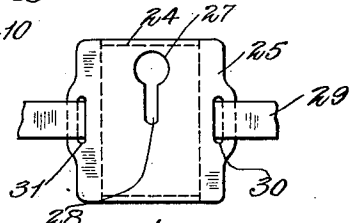


Fig. 9.

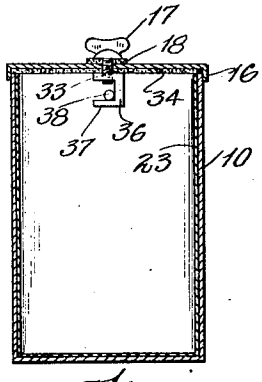


Fig. 10.

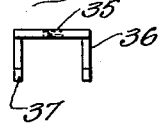
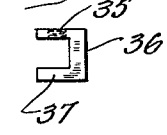


Fig. 11.



Inventor

Karl Waibel

By his Attorney

George C. Heinicke

Patented Apr. 7, 1925. 1,532,614

UNITED STATES PATENT OFFICE.

KARL WAIBEL, OF NEW YORK, N. Y.

WATERPROOF CONTAINER.

Application filed June 12, 1924. Serial No. 719,587.

To all whom it may concern:

Be it known that I, KARL WAIBEL, a citizen of the United States, and resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Waterproof Containers, of which the following is a specification.

This invention relates to improvements in water-proof containers, particularly receptacles designed to be carried by bathers, swimmers and others for keeping about the person articles which have to be kept dry, as small change, watch and chain, jewelry, matches, cigarettes or the like.

It is the principal object of the invention to provide a practical receptacle of simple, inexpensive construction which can readily be attached to the wrist or to a belt worn by a bather and which possesses water excluding features and is equipped with means for conveniently absorbing the moisture generated within the tightly closed receptacle so as to keep the articles contained therein positively dry, while allowing ready access to its interior.

Another object of the invention is the provision of a container of this type permitting a water-tight closure of the same without obstruction to a ready placing and removal of the articles stored therein during its use.

A further object of the invention is the provision of a waterproof container allowing a convenient inspection of a watch carried therein and the attachment of the key to a bathing booth or cabin etc.

A still further object of my invention is the provision of means allowing a ready attachment and secure fastening of the receptacle to a belt buckle which at the same time is adapted to allow the attachment of a strap for strapping the receptacle to a person's wrist.

These and other objects and advantages of my invention will become more fully apparent as the description thereof proceeds, and will then be specifically pointed out in the appended claims.

In the accompanying drawing, forming a material part of this disclosure:

Figure 1 is a rear view of my improved water-proof container constructed according to the present invention.

Figure 2 is a front view thereof.

Figure 3 is a front view of a modified form of my container.

Figure 4 is a cross-section through the container on line 4—4 of Figure 1.

Figure 5 is a cross-section through the container Figure 3 on line 5—5 of said figure.

Figure 6 is a rear view of another modified form of my container.

Figure 7 is a longitudinal section on line 7—7 of Figure 6.

Figure 8 is a detail front view of a buckle.

Figure 9 is a section on line 9—9 of Figure 7.

Figure 10 is a front elevation of a locking member or bracket, and

Figure 11 is a side elevation of the same.

As shown in Figure 1, the water-proof receptacle or container 10 of any suitable material impermeable to water, preferably metal, is curved as indicated at 11 to fit the curvature of the wrist of a person.

The casing 10 can either be attached to the wrist of a bather by means of a narrow strap 12 passed through a pair of comparatively small guide loops 13 secured to the rear wall of the container in any desired manner, or to a belt worn by the swimmer by means of a comparatively wider strap passed through a pair of wider or larger guide straps or loops 14, and both straps are equipped with appropriate buckles, indicated at 15, Figure 1, or similar suitable fastening means allowing a strapping of the receptacle to the wrist or belt of a person.

At one end the container is closed watertight by means of a cap 16 adapted to be tightly screwed upon the body of the container 10 by means of a screw having an upper knob or handle 17 and an interposed washer 18, said cap also lined on the inside with a waterproof and resilient material as for instance rubber or the like. The exact manner of fastening the cap to the container and retaining it in position thereon will be hereafter more fully described.

As illustrated in Figure 2, the front wall of the container 10 has an opening and is equipped with a suitable rim surrounding said opening within the container, designated 19, for holding a watch, the dial and hands of which can be readily inspected through a cover of celluloid or other transparent material 20 held watertight against

the rim and container by any suitable well known means.

As shown in Figure 3, the outer face of the container is equipped with a spring clip 21 adapted to hold a key 22 to the container, as for instance a key for a bathing booth or cabin etc.

The inner walls of the container are lined by a moisture absorbing lining such as for instance blotting paper in order to absorb the moisture generated within the tightly closed container, and such lining is designated 23 in the drawing.

As illustrated in Figures 6, 7 and 8, a metal loop or buckle 24, having extensions 25 laterally formed with its side edges, is removably attached to the rear wall of the container 10 by means of a screw or headed stud 26 permanently attached to the receptacle and adapted to enter with its head a suitable, approximately circular opening 27 in the rear wall of the buckle 24, and to slide with its shank in the elongated slot 28 communicating with said opening 27 to rest in the well known manner upon the bottom thereof, while its head is guided along the inner wall of the buckle preventing a detachment normally but allowing such detachment as soon as its head is in alignment with the opening 27.

It will be clear that a narrow strap or band 29 can be passed through the elongated openings 30, 31 of the extensions 25 if the container is to be fastened to the wrist of a person, while a comparatively wider strap 32 may be passed through the buckle 24 if the container is to be worn on a belt carried by the bather. Suitable buckles 15 are provided for fastening the ends of the straps in the usual well known manner.

The knob 17 is attached to the upper end of a screw 33 passing through the washer 18, cap 16 and waterproof lining 34 for the same, and the inner end of the screw 33 extends into a threaded hole 35 of the top plate of a bracket 36 having lower, re-entrantly bent arms 37 adapted to engage and rest with their upper faces against suitable pins or studs 38 in the inner wall of the container. It will be clear that by screwing the screw 33 home, by the proper manipulation of its knob 17, the engagement of the arms 37 and pins or studs 38 above the same, will provide an extremely tight closure between cap 16 and container 10.

It will be apparent from the foregoing that a watch, matches, coins, jewelry or other articles of personal use may be carried within the waterproof container without the slightest danger of becoming wet or even moist, while a ready inspection of the watch is possible, and it will be also apparent that when the bather desires to use one or the other article, it will simply be necessary to open the cover or cap and the bracket in order to gain an unobstructed access to the interior of the container. The container may, as will be evident, conveniently be carried on the wrist or on the belt of a swimmer and can readily be attached or detached from the same. The key for the bathing cabin or booth may conveniently be carried along within easy reach of the swimmer without any danger of losing the same.

It will be clear that such changes may be made in the general arrangement and the construction of the minor details of my invention as fall within the scope of the appended claims without departing from the spirit of my invention which I have illustrated by way of example in the drawing, which however permits of many variations within the above limits.

What I claim as new, and desire to protect by Letters Patent is:

1. A device of the class described comprising a casing, curved to fit the shape of a person's wrist, means for strapping said casing to the wrist and the belt of a person, a cover cap for said casing, a bracket within said casing, a screw passed through said cap into said bracket, a pair of oppositely disposed pins or studs within said casing adapted to be engaged by the arms of said bracket from below upon the operation of said screw for tightly drawing said cap against said casing to provide a watertight seat for said cap, a knob at the upper end of said screw, a waterproof lining on the inner face of said cover adapted to hermetically seal the casing upon the home screwing of said screw and a moisture absorbing lining within said casing.

2. In a waterproof container having a rubber lined cap engaging and closing one end of said container, and provided with a perforation, a screw passing through said perforation, an operating knob at the outer end of said screw, a bracket having two laterally extending spaced arms within said casing, a pair of studs attached to the opposite walls within said casing adapted to be engaged by the lower of said bracket arms from below and to be drawn tightly against the same upon the home screwing of said screw to firmly draw said cap against the body of said container to effect a waterproof closure.

Signed at New York, in the county of New York and State of New York this seventh day of June, A. D. 1924.

KARL WAIBEL.