

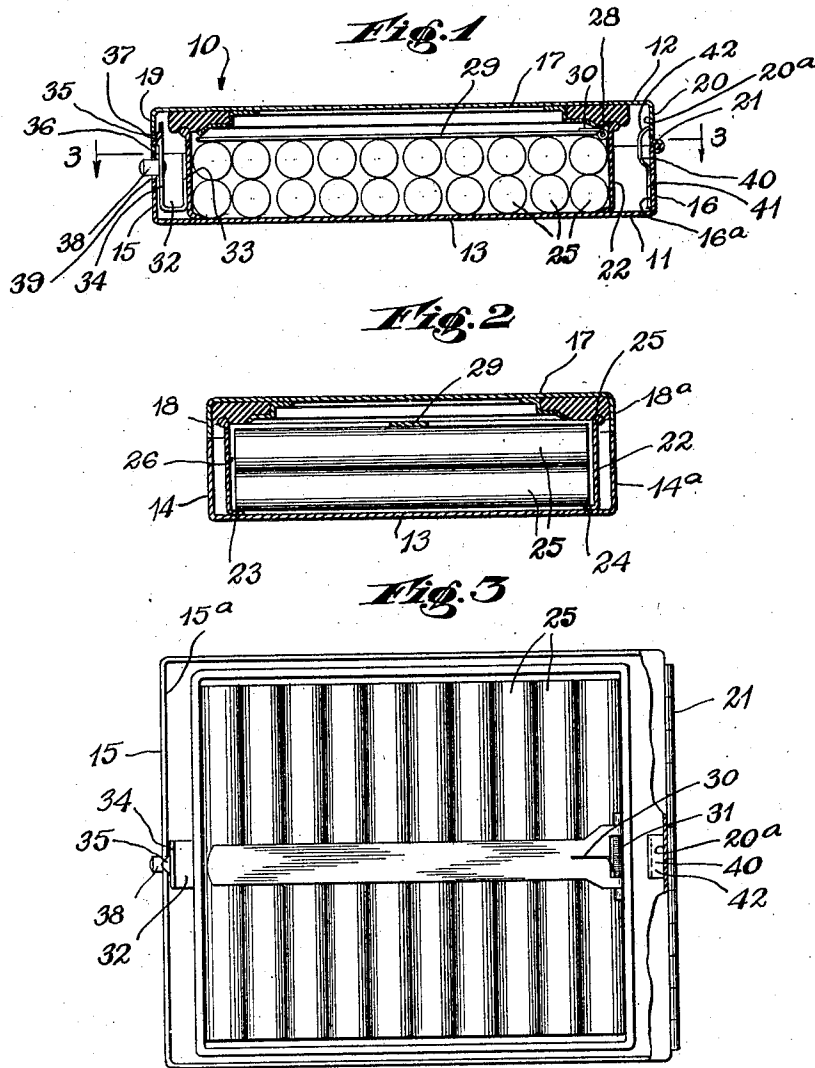
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RECEPTACLE

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# UNITED STATES PATENT OFFICE

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## RECEPTACLE

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This invention relates to water-tight receptacles, and is more particularly directed to a case for cigarettes and the like adapted for use by bathers.

5 An object of this invention is to provide a receptacle in the compact form of the usual cigarette case, which shall be positively water-proof, and have means for readily opening and closing the same.

10 A further object of this invention is to provide a structure comprising few and simple parts, which shall be relatively cheap to manufacture and practical and efficient to a high degree.

15 Other objects of this invention will in part be obvious and in part hereinafter pointed out.

The invention accordingly consists in the features of construction, combinations of elements and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of application will be indicated in the following claims.

25 In the accompanying drawings, in which is shown one of the various possible illustrative embodiments of this invention.

Fig. 1 is an elevational cross-sectional view of a receptacle embodying the invention;

30 Fig. 2 is a cross-sectional view taken on line 2—2 of Fig. 1; and

Fig. 3 is a cross-sectional view taken on line 3—3 of Fig. 1.

Referring in detail to the drawings, 10 designates a water-proof receptacle embodying the invention in the form of a cigarette case adapted to be used by bathers, and for like purposes. Said receptacle 10 comprises a body or case 11 and cover 12 therefor. Said 40 body 11 comprises a bottom wall 13, side walls 14, 14a, a front wall 15 and rear wall 16. The cover 12 comprises a top wall 17, side walls 18 and 18a, a front wall 19 and a rear wall 20.

45 The dimensions of said cover are preferably such that the lower edges of its walls

contact the upper edges of the body walls, thus making a completely closed receptacle. The cover 12 is hinged to box 11 by a hinge 21 interconnecting the rear walls 16 and 20 of the box and cover, respectively.

Means is provided for forming a chamber within the receptacle for containing cigarettes and the like. To this end a rectangular, frame member 22 is fixed within the box 12. Said frame member comprises upstanding wall portions 23 somewhat spaced from the four walls of the box 11, and an inwardly extending flange 24 soldered or otherwise secured to the bottom wall 13 of said box. Said frame 22 is preferably of somewhat greater height than the walls of box 11, and terminates in a beaded upper edge portion 25 for a purpose hereinafter appearing. The chamber 26 formed by the frame member 22 is adapted to conveniently contain a number of cigarettes 27 or the like.

Hinged to the rear wall 23 of the frame, as at 28, is a retaining strip 29 pressed downwardly by one end 30 of a tension spring 31. Said strip extends across the chamber 26 for holding the cigarettes 25 or other articles in said chamber and preventing shifting of the same.

Spring latch means is provided for opening and closing the receptacle. To this end a U-shaped strip 32 of spring metal is centrally disposed within the chamber formed by the front wall 23 of the frame and wall 15 of the box 11. Said strip 32 is provided with an upstanding arm 33 soldered or otherwise secured to said front wall 23. The other arm 34 of said strip 32 normally presses against the inner surface 15a of the front wall of the receptacle. At the upper end thereof, said arm 34 is provided with a ramped catch member 35. Upon closing said cover, said catch 35 is adapted to engage an edge portion 36 provided by a slot or opening 37 formed in the front wall 19 of the cover. A projection 38 secured to said arm 34 ex-

tends thru an opening 39 in the front wall 15. To open the case it is merely necessary to press the projection 38 for disengaging the catch 35.

5 For aiding in the opening movement of the cover 12, a small spring member 40, centrally disposed with respect to the rear wall 16, is provided with a portion 41 soldered or otherwise secured to the inner surface 16a  
10 of said wall. The upper free end 42 of said spring is adapted to press against the inner surface 20a of wall 20 for opening the cover upon release of the spring 35.

To make the article containing chamber  
15 26 water-proof, a gasket 45 comprising a rectangular strip of soft rubber or other suitable material, is provided for coacting with the beaded edge portion 25 of frame member 22. A rectangular frame member 46  
20 having an inwardly extending flange 47 secured to the top wall 17 of the cover, provides a seat 48 for tightly clamping the inner edge portion 49 of the gasket to said cover. It will now be apparent that upon closing  
25 the receptacle the rubber gasket presses against the top beaded edge of the frame and thus renders the chamber 26 formed by said frame, positively water-tight.

A dominant feature of this invention is  
30 that the receptacle as a whole simulates and may be handled in the same manner as the usual cigarette case having hinged sections and is nevertheless water-tight when closed, to enable the same to be used by bathers and  
35 generally under moist conditions without wetting the contents.

It will thus be seen that there is provided a device in which the several objects of this  
40 invention are achieved, and which is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various  
45 changes might be made in the embodiment, set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawings is to be interpreted as illustrative and not in a limiting sense.

Having thus described my invention I  
50 claim as new and desire to secure by Letters Patent:

1. A receptacle comprising a body, a cover hinged thereto, a frame member within said  
55 receptacle forming a chamber for articles, means within the receptacle for water-proofing said chamber upon closing said receptacle, and spring means within said receptacle for retaining said receptacle in closed condition.

60 2. A receptacle comprising a body, a cover hinged thereto, a frame member within said receptacle forming a chamber for articles, means within the receptacle for water-proofing said chamber upon closing said receptacle  
65 and spring means for retaining said recep-

tacle in closed condition, said frame being secured to the bottom of said body and spaced from the sides of said receptacle.

3. A cigarette case comprising a body section and a cover section hinged thereto, means within said case forming a chamber  
70 for containing cigarettes, means for automatically locking said sections upon swinging said sections together to closing position and means within the casing for rendering  
75 said chamber water-proof.

4. In a receptacle of the character described, in combination, a box portion, a cover for said box hinged thereto, a chamber  
80 forming frame member within said receptacle, having walls spaced from the side walls of said box, a gasket secured to said cover and adapted to contact the upper edge of said frame upon closing the cover, to render said  
85 chamber water-tight, and releasable means for retaining said cover in closed condition.

5. In a receptacle of the character described, in combination, a box portion having  
90 bottom and side walls, a cover for said box hinged thereto, a chamber forming frame member within said receptacle having walls spaced from the side walls of said body, a gasket secured to said cover and adapted to contact the upper edge of said frame upon  
95 closing the cover to render said chamber water-tight, and means for retaining said cover in closed condition, said means comprising a spring catch member secured to said frame.

6. A cigarette case having a body section  
100 and a cover section hinged thereto, means within said case forming a chamber for containing cigarettes, means for automatically locking said sections upon swinging said section together to closing position, and means  
105 within the casing for rendering said chamber water-proof, said chamber forming means comprising a frame member having walls spaced from the side walls of said body and secured at the lower edge thereof to the bottom wall of said body, said water-proofing  
110 means comprising a strip of resilient material secured to the cover section and adapted to contact said frame.

7. A cigarette case having a body section  
115 and a cover section hinged thereto, means within said case forming a chamber for containing cigarettes, means for automatically locking said section upon swinging said section together to closing position, means within the casing for rendering said chamber  
120 water-proof, said chamber forming means comprising a frame member having side walls spaced from the walls of said body and secured at the lower edge thereof to the bottom wall of said body, said water proofing means comprising a strip of resilient material secured to the cover section and adapted to contact said frame, and spring pressed means  
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secured to said frame for retaining said cigarettes within said chamber.

8. In a receptacle of the character described, in combination, a box portion, a  
5 cover for said box hinged thereto, a chamber forming frame member within said receptacle having walls spaced from the side walls of said box, a gasket secured to said cover and adapted to contact the upper edge of said  
10 frame upon closing the cover to render said chamber water-tight, releasable means for retaining said cover in closed condition, and means for aiding in opening said cover upon releasing said retaining means.

15 In testimony whereof I affix my signature.  
ARTHUR VON FRANKENBERG.

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