Dec. 3, 1940. R. BADEN 2,223,657

FINGER RING

Filed June 25, 1940

FIG. 1

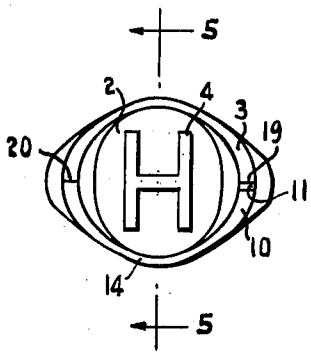


FIG. 2

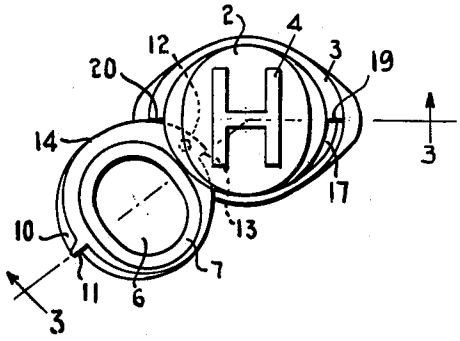


FIG. 3

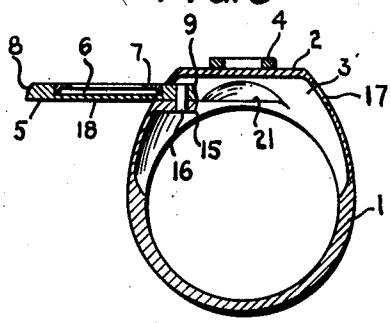


FIG. 4

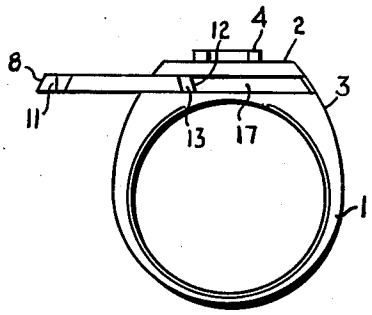
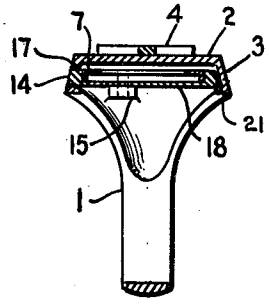


FIG. 5



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FINGER RING

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5 Claims. (Cl. 63—1)

This invention relates to rings to be worn on the finger and has especial reference to such rings comprising a movable container which is normally concealed within the ring but which may be moved outside thereof to exhibit the contents of the container.

The main object of the invention is to provide a ring of the character as indicated which shall be of rugged construction and wherein the pressure of the container shall not mar the normal appearance of the ring.

Other and ancillary objects of the invention will appear hereinafter.

In the accompanying drawing which illustrates the invention—

Fig. 1 is a top plan view of a ring embodying the invention, the ring being in normal condition, that is the container is in closed or concealed position;

Fig. 2 is a top plan view of the ring of Fig. 1 with the container in open or exposed position;

Fig. 3 is a section on the line 3—3 of Fig. 2;

Fig. 4 is a side elevation of the ring as shown in Fig. 2; and

Fig. 5 is a section on the line 5—5 of Fig. 1.

Referring to the drawing, the device, usually formed of precious metal, comprises the finger-encircling portion or hoop 1 joined to the head or signet portion. The head comprises a top or flat surface 2 with a marginal depending skirt 3, the hoop portion 1 being secured integrally at its ends with the edge of the skirt. Upon the surface 2 may be placed initials, monograms or other designs by engraving the same within the surface or by securing a raised letter or other character 4 upon the surface.

To provide for a container or carrier of a photograph or other object, there is provided a flat plate-like portion 5 having a central recess 6 within which the desired object may be contained, and a photograph or similar object may be secured therein by a bezel ring 7. It will be observed that the recess 6 opens into the upper surface of the plate, while the lower surface 18 of the plate is smooth and flat so that the plate may be readily swung upon its pivot, and when the plate is in this position, enclosed within the ring, the interior of the ring presents a continuous unbroken surface, the plate completely filling the skirt and giving the appearance of solidity upon the inside of the ring.

On opposite sides of the plate 5 are projections 8 and 9, the projection 8 having an outer curved surface 10 and an abrupt shoulder 11 while the projection 9 has the outer curved surface 12 and the abrupt shoulder 13, the curved surfaces 10 and 12 tapering backwardly from the shoulders 11 and 13 so that they merge with the curved general periphery 14 of the plate.

Extending inwardly from the inner wall of the skirt 3 of the head is a lug or projection 15 upon which the plate 5 is pivoted by means of a pivot pin 16 passing through the projection 9 upon the plate and the projection 15. The skirt 3 is provided with a slot 17 within which the plate 5 may move when swung on its pivot 16. When moved to its inward position the shoulder 11 upon the plate 5 will come against the end 19 of the slot 17 and preferably project slightly outwardly from the surface of the skirt to form a finger nail hold in moving the plate outwardly on its pivot to expose the recess in it and the contents of the recess, such as a photograph or the like.

When the plate 5 is in its closed position within the ring the wall 12 on the projection 9 will come closely adjacent to the end 20 of the slot 17 so that any joint will be inconspicuous, the general circular wall 14 being flush with the skirt 3. It will be observed that the diameter of the skirt taken through the ends of the slot 19 and 20 is greater than the diameter of the skirt at right angles to the line of such slot-ends and that the skirt tapers from the point of least diameter to the point of greater diameter, so that the outer surface of the skirt changes in diameter gradually without any abrupt changes, and it will further be observed that the surfaces 10 and 12 on the plate 5 are tapered so as to lie flush and smooth with the skirt 3 when the plate is in closed position within the ring.

It will now appear that when the plate is in closed position within the ring that the ring will have the appearance of Fig. 1, the ring as a whole having the appearance of the usual signet ring, the edge of the plate 5 at the slot 17 being flush and smooth with the skirt 3 so that the ring as a whole will not readily betray the fact that the movable plate is present, there being only the slight inconspicuous joints where the edges of the pivoted plate come against the edges of the slot in the skirt, which circular breaks or joints may be continued by a slight groove about the circumference of the skirt and may well be considered ornamentation. Also the slight projection of the shoulder 11 outside the skirt is inconspicuous and may well be incorporated as ornamentation, in which case a similar ornamentation would desirably be imitated upon the opposite side of the skirt.

The ring thus has the appearance of the usual signet ring with nothing to indicate, or at least conspicuously indicate, the presence of the movable photograph containing plate, so that in ordinary use the ring would appear to be the usual signet ring. If, however, it be desired to gain access to the contents of the recess in the pivoted plate, to view the photograph contained therein or for other purposes, the finger nail is engaged with the outwardly extending portion of the projection 8 and the plate swung on its pivot into a position as shown in Fig. 2. When the desired object of having the plate in the open position of Fig. 2 has been attained, the plate may be swung in the opposite direction upon its pivot when the device will be as indicated in Fig. 1.

In order to securely hold the plate 5 in position when closed within the ring, to give firmness and also to indicate a continuity and solidity of the metal at the interior of the ring, a shoulder 21 may be provided upon the interior of the skirt, which the edge of the plate 5 is adapted to rest upon or to overlap when the plate is in closed position within the ring.

While the invention has been illustrated in what is considered its best application, it may have other embodiments without departing from its spirit and is not, therefore, limited to the structure shown in the drawing.

What I claim is:

1. A finger ring comprising in combination, a head having a top and a peripheral skirt depending therefrom, a hoop portion secured to said skirt, a lug extending inwardly on the inner wall of said skirt and a recessed plate pivoted on said lug.

2. A finger ring comprising in combination, a head having a top and a peripheral skirt depending therefrom, a hoop portion secured to said skirt, a lug extending inwardly on the inner wall of said skirt and a recessed plate pivoted on said lug, said skirt having a slot through which said plate moves in turning on its pivot.

3. A finger ring comprising in combination, a head having a top and a peripheral skirt depending therefrom, a hoop portion secured to said skirt, a lug extending inwardly on the inner wall of said skirt and a recessed plate pivoted on said lug, said plate having outwardly extending projections at opposite sides of said plate.

4. A finger ring comprising in combination, a head having a top and a peripheral skirt depending therefrom, a hoop portion secured to said skirt, a lug extending inwardly on the inner wall of said skirt and a recessed plate pivoted on said lug, said skirt having a slot through which said plate moves in turning on its pivot, and said plate having outwardly extending projections at opposite sides of said plate.

5. A finger ring comprising in combination, a head having a top and a peripheral skirt depending therefrom, a hoop portion secured to said skirt, and a recessed plate pivoted on said skirt, said skirt having a slot through which said plate moves in moving into and out of its inner position, said plate, when in its inner position, substantially closing the opening in said skirt and being visible from the inside of the ring.

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