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J. KREISLER ET AL

2,220,038

ORNAMENT

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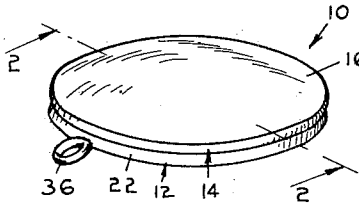


Fig. 1.

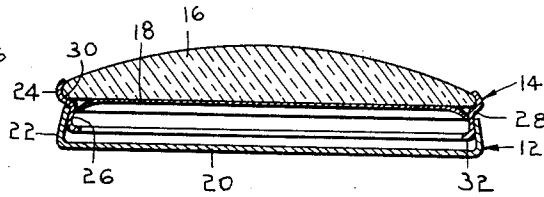


Fig. 2.

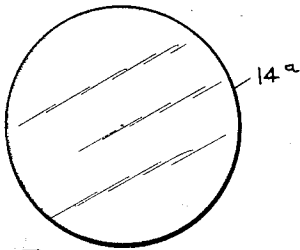


Fig. 3.

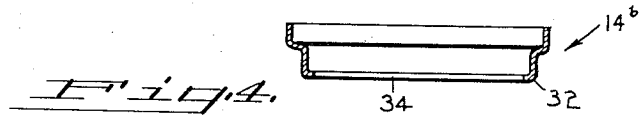


Fig. 4.

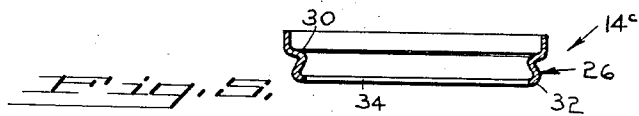


Fig. 5.

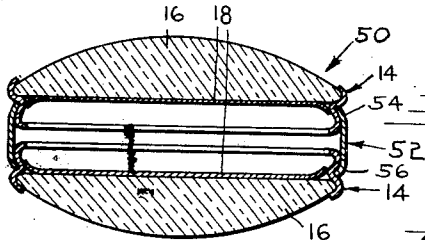


Fig. 6.



Fig. 7.

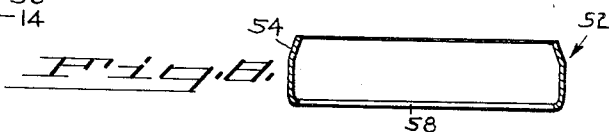


Fig. 8.

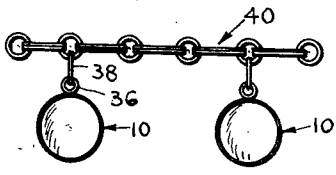


Fig. 9.

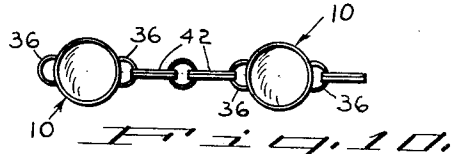


Fig. 10.

Fig. 11.

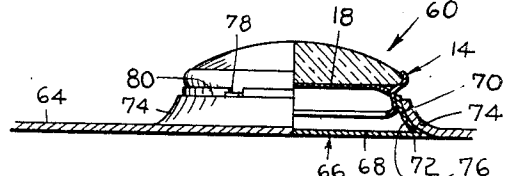
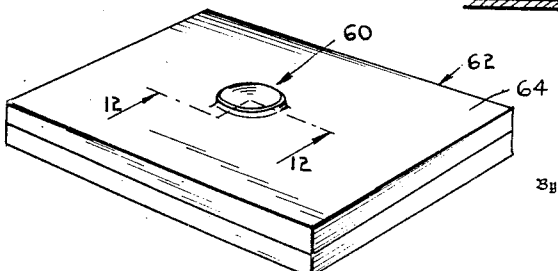


Fig. 12.

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2,220,038

ORNAMENT

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Application August 16, 1937, Serial No. 159,262

4 Claims. (Cl. 40—152)

The present invention relates to ornaments and method of making them.

In general, one object of the invention is to provide a case or container, primarily of small size, for housing a picture, photograph, or other ornamental element, and having a transparent cover through which said ornamental element is visible, said case being characterized by a construction whereby the insertion and removal of the ornamental element may be accomplished with great facility even by inexpert individuals.

The invention also has for an object the provision of a bezel of improved construction.

Another object of the invention is to provide an ornament of the character described which may be readily attached to a bracelet, necklace, or other chain or the like, either as a pendant or as part of the bracelet or necklace proper, as between links of the latter.

A further object of the invention is the provision of a device of the character described for use as an ornament for decorating vanity boxes, jewelry cases and other articles of personal use.

A yet further object of the invention is generally to provide an ornamental device of the class described which is simple in construction and capable of being applied to numerous articles for ornamenting the latter.

The above objects of the invention and other objects ancillary thereto will best be understood from the following description considered with reference to the accompanying drawing forming a part of the present specification.

In the drawing:

Fig. 1 is a perspective view of an ornament embodying the present invention;

Fig. 2 is a sectional view on the line 2—2 of Fig. 1;

Fig. 3 is a plan view of a disk of sheet metal utilized in forming the bezel;

Figs. 4 and 5 are sectional views illustrating steps in the method of forming the bezel;

Fig. 6 is a sectional view similar to Fig. 2 illustrating another form of the invention;

Figs. 7 and 8 are sectional views illustrating steps in the method of forming the body portion of the ornament;

Fig. 9 is a fragmentary view of a bracelet or necklace chain provided with ornaments arranged as pendants;

Fig. 10 is a fragmentary view of a bracelet or necklace chain in which the ornaments are disposed as parts of the chain proper;

Fig. 11 is a perspective view of a vanity box

provided with an ornament embodying the present invention;

Fig. 12 is a sectional view on the line 12—12 of Fig. 11.

Referring now more particularly to the drawing, the ornament 10 illustrated in Figs. 1 and 2 comprises a body portion 12, a bezel 14, a transparent cover 16 seated in said bezel and an ornamental element 18 such as a photograph, picture, or any other ornamental element. The ornament is intended primarily as a miniature and cover 16 is preferably in the form of a magnifying lens, although it will be understood that the invention may be embodied in devices of larger sizes and that in either case the use of magnifying lenses is optional. The body portion 12 and bezel 14 are made of sheet metal, preferably precious or semi-precious metal or of base metals plated with precious metal, although, any suitable sheet metal may be used.

Body portion 12, as here shown comprises a circular bottom 20 and a circular side wall 22 which is tapered slightly inwardly in a direction toward the free edge thereof. Bezel 14 has a circular side wall provided with an outer annular portion 24 and an inner or inwardly offset annular portion or flange 26 defining a peripheral shoulder 28 on the outside of the bezel and an inner annular shoulder 30 on the inside of the bezel. Outer shoulder 28 engages the top edge of wall 22, while inner shoulder 30 provides a seat for cover 16. The ornamental element 18 which may be a circular paper disk carrying a photograph, picture or other ornamentation on at least one surface thereof is positioned as illustrated in Fig. 2 close to the inner surface of cover 16. Said element 18 is retained in position in any suitable manner, as merely by a frictional engagement thereof with the inner surface of flange 26, or as here shown said ornamental element may be somewhat larger in diameter than flange 26 at its inner surface whereby a slight bending of a peripheral marginal edge portion of said ornamental element in engagement with the inner surface of said flange is sufficient to hold said ornamental element in position.

The construction of the body portion 12 and bezel 14 is such that the latter is retained in engagement with side wall 22 of body portion 12 frictionally and by the resiliency of the inter-engaging parts. More specifically, bezel 14 has a snap engagement with body 12 and more particularly with side wall 22 thereof and accordingly may be readily assembled with said body

by snap engagement. Also by reason of the snap engagement of the parts, said bezel may be readily removed from the body for inserting, removing or replacing the ornamental element.

5 This can be accomplished with the utmost ease even by any unskilled person in the same simple manner as opening the cover of a vanity case, as for example, by inserting the finger nail or a pen knife or other simple tool between

10 shoulder 28 and the adjacent edge of side wall 22 for prying the bezel out of engagement with said side wall.

The method of making the bezel and a further description of the character thereof for accomplishing the above described functions will now be described with more particular reference to Figs. 3, 4 and 5 of the drawing. Bezel 14 is made from the flat metal disk 14a illustrated in Fig. 3. The first step in the method, after providing said disk, is to draw the latter into the stepped ring 14b illustrated in Fig. 4. In producing the stepped ring here shown from disk 14a by the drawing operation a rounded peripheral edge 32 is formed thereon, this edge assisting in the snap engagement of the bezel with the side wall 22 of body 12. Stepped ring 14b is provided with a circular opening 34 formed by piercing said ring after it is drawn from disk 14a. After ring 14b is formed, it is subjected to the action of an expanding tool in engagement with the edge of opening 34 for enlarging said opening somewhat and causing flange 26 to taper inwardly in a direction toward the wider portion of the ring. Ring 14c which is thus produced, is

35 now ready for assemblage with cover 16 and with body portion 12. Cover 16 is inserted in said ring and seated on shoulder 30, after which ring portion 24 is spun over the adjacent marginal surface of said cover for securing the latter in the bezel. The ornamental element 18 is inserted in the bezel beneath said cover, and finally the bezel is assembled with body portion 12 by the snap engagement hereinbefore mentioned. In this connection it will be observed

40 that the rounded edge portion 32 and the inward taper on flange 26 in combination with inwardly tapered side wall 22 yields a highly satisfactory snap engagement construction which is considered an important feature of this invention.

As illustrated in Fig. 1 ornament 10 is provided with an eyelet 36 soldered to side wall 22 of body 12 whereby, as illustrated in Fig. 9, said ornament may be suspended by means of a link

55 38 from a bracelet or other chain 40. As here shown, said bracelet chain 40 is provided with a plurality of ornamental elements 10 which are suspended therefrom as pendants. In actual practice a bracelet having four ornaments 10 has been found to be very pleasing in appearance. Instead of arranging ornaments 10 as pendants, they may be arranged as illustrated in Fig. 10 as parts of a chain proper. For this purpose each ornament 10 is provided with two eyelets 36 which

60 are connected to chain links 42.

In the form of the invention illustrated in Fig. 6 the ornament 50 is of a construction which may be termed a double ornament. The bezels here shown are designated by the reference character 14 as each of said bezels is of the same construction as that described above in connection with Figs. 1 to 5. However, instead of body portion 12 there is utilized in this double ornament an intermediate ring 52 with which each of said

75 bezels has a removable snap engagement. Ring

52 is open at both sides for receiving said bezels. At one side, said ring has a marginal edge portion 54 of its peripheral wall tapered inwardly toward said side of the ring while at its other side opening is provided with a rounded edge 56.

5 Ring 52 is formed in the manner illustrated in Figs. 7 and 8. Said ring is produced from a circular metal disk such as disk 14a illustrated in Fig. 3 but somewhat larger in diameter. In the first step of the method of making said ring,

10 the disk is drawn into the ring 52a illustrated in Fig. 7 and pierced to provide a circular opening 58. In forming ring 52a from the disk, a rounded edge 56 is formed at one side of the ring during the drawing of the ring from the disk,

15 which rounded edge facilitates the snap engagement with bezel ring 14 for assembling and disassembling the parts of the ornament. After ring 52a is formed the side wall of the ring is contracted inwardly by a suitable tool to produce the

20 tapered side wall portion 54. It will be understood that the double ornament 50 may have one or more eyelets 36 attached to ring 54 for attaching the ornament to a chain or as part of the chain after the manner illustrated in Figs. 9 and

25 10, respectively.

In the form of the invention illustrated in Figs. 11 and 12 the ornament 60 is associated with a vanity box or other container 62, and more specifically, is mounted within an opening in the

30 cover 64 of the box. Ornament 60 is substantially the same as ornament 10, differing from the latter only in the construction of the body portion 66, the other parts of the ornament being designated by the same reference numerals

35 which indicate like parts in Figs. 1 and 2. Body portion 66 includes a bottom 68 and a side wall 70. At the juncture of said bottom and side walls an outer peripheral flange or rib 72 is formed by pressing the lower edge portion of wall 70 into engagement with the marginal edge portion of

40 bottom 68. As illustrated in Figs. 11 and 12 ornament 60 is mounted within an opening punched through cover 64. In punching said opening by the die utilized for that purpose, an outwardly directed peripheral collar 74 is formed in said cover forming a recess 76 in which body 66 is received so that the bottom 68 of body 66 is substantially flush with the inner surface of cover

45 64 surrounding said recess. It will be observed that the engagement of rib 72 with the inner surface of collar 74 prevents the outward movement of body portion 66 of ornament 60 through cover 64. The movement of said ornament inwardly of said cover is prevented by the engagement of a plurality of ribs 78 struck out from the top marginal edge of side wall 70 and bent into engagement with the outer edge 80 of collar 74. It will be understood that bezel 14 is assembled with body portion 66 after the latter has been

50 assembled with the vanity box as just described, and it will be observed that except for the formation of the rib 72 and the holding ribs 78 body portion 66 of ornament 60 is substantially the same in construction as body portion 12 of

55 ornament 10 and cooperates with bezel 14 in the same manner.

While I have shown and described several embodiments of my invention, it will be understood that the invention is capable of other embodiments and that in each of the constructions herein shown or described certain changes in the construction and arrangement of parts will occur to those skilled in the art. Therefore, I do not wish to be limited precisely to any of the spe-

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cific embodiments or constructions herein disclosed except as may be required by the appended claims considered with reference to the prior art.

5 What we claim and desire to secure by Letters Patent is:

1. A device of the class described comprising a carrying member having an opening there-
10 through, and an ornament mounted in said opening comprising a body portion fixed to said carrying member in said opening, a member removably secured to said body portion, said member having a peripheral side wall, a rim projecting inwardly of said side wall, and an internal shoulder spaced from said rim, and a cover seated in
15 said member between said shoulder and said rim.

2. A device of the class described comprising a carrying member having an opening there-
20 through, and an ornament mounted in said opening comprising a body portion fixed to said carrying member in said opening, said body portion having a bottom engaged with an inner surface portion of said carrying member, and a member removably secured to said body portion and positioned at an outer surface portion of
25 said carrying member.

3. An ornament of the class described comprising a hollow body portion having an open side, a member removably secured to said body
30 portion at said side thereof, said body having an axially extending peripheral side wall having a peripheral edge at said open side, said member having an axially extending peripheral side wall provided with an inwardly offset peripheral
35 portion engageable with said first mentioned side wall internally thereof and inwardly of said peripheral edge for removable securement of said member to said body, said offset portion providing an internal peripheral shoulder in said mem-
40 ber and an external shoulder seated on said pe-

ripheral edge, said side wall of said member hav-
ing an inwardly directed rim spaced from said shoulder, and a transparent cover seated in said member between said internal shoulder and said inwardly directed rim, said body portion having
5 an inwardly tapering peripheral portion terminating in said peripheral edge at said open side and said inwardly offset peripheral portion of said shouldered member tapering outwardly to provide a snap engagement with said inwardly tapering
10 portion of said body portion, said member being open at the side thereof opposite said cover whereby to permit the insertion of an ornamental element therein without removing said cover.

4. An ornament of the class described comprising a hollow sheet metal body portion hav-
15 ing an open side, a member removably secured to said body portion at said side thereof, said body having an axially extending peripheral side wall tapering inwardly toward said open side and terminating in a peripheral edge at said open
20 side, said member having a peripheral side wall provided with an inwardly offset portion engageable with said first mentioned side wall internally thereof and inwardly of said peripheral edge
25 for removable securement of said member to said body, said inwardly offset portion of said member tapering outwardly to provide a snap engagement with said inwardly tapering side wall, said offset portion providing an internal shoulder in
30 said member and an external shoulder seated on said peripheral edge, a transparent cover seated on said internal shoulder, and said peripheral side wall having an upper portion spun over the marginal edge portion of said cover to retain the
35 same in position, said member and said cover being insertable and removable as a unit through said open side.

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