

L. E. GARRIGUS.
JEWELRY.
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964,229.

Patented July 12, 1910.

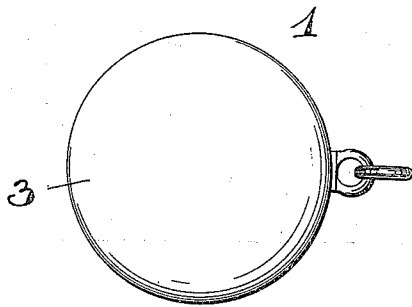


Fig. 1

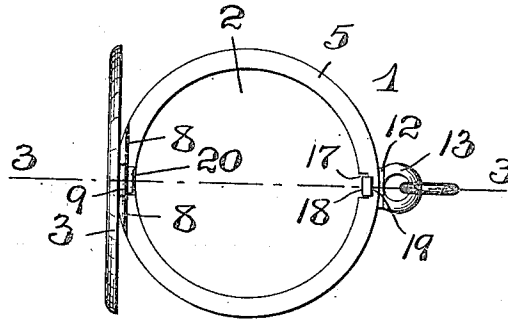


Fig. 2

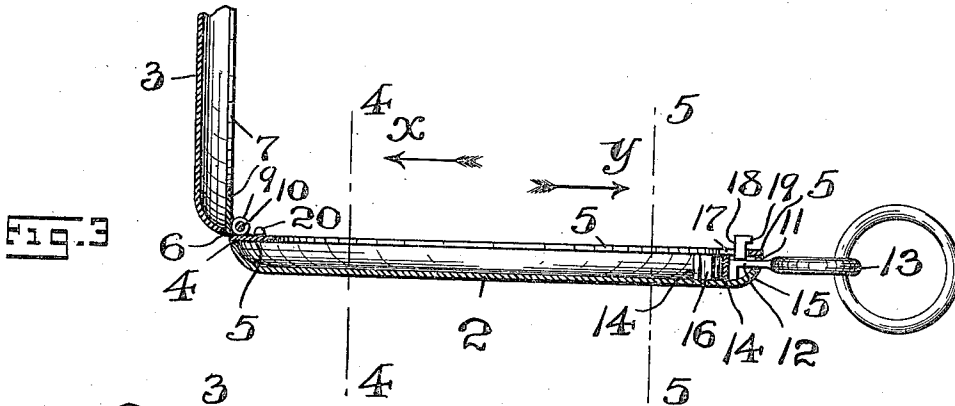


Fig. 3

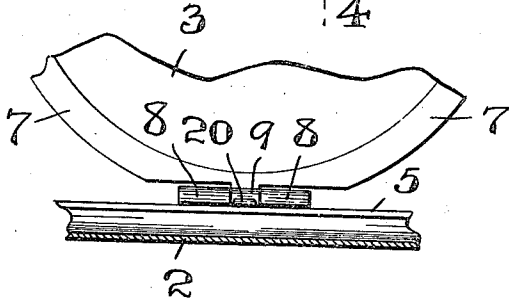


Fig. 4

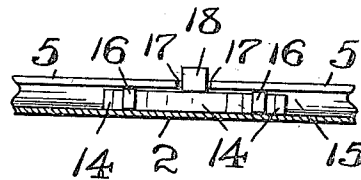


Fig. 5

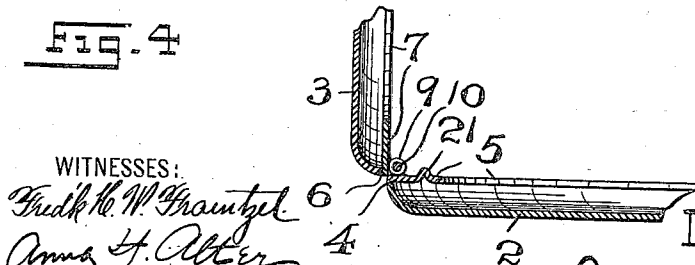


Fig. 6

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UNITED STATES PATENT OFFICE.

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JEWELRY.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, LOUIS E. GARRIGUS, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Jewelry; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to characters of reference marked thereon, which form a part of this specification.

This invention relates, generally, to improvements in jewelry; and, the invention has reference, more particularly, to improvements in lockets or watch-charms comprising a pair of hinged shells or sections provided with a spring-catch for holding the two shells or sections in their closed relation, and provided at or near the joint where the shells or sections are pivotally connected with a means for automatically forcing the cover-section into its raised or opened position when the spring-catch has been operated by pushing upon a pendant or ring in a direction toward the two closed shells or sections.

The invention, therefore, has for its principal object to provide a novel and simply constructed locket or watch-charm comprising a pair of hinged or pivotally connected shells or sections, the arrangement of said shells or sections being such so that they will open or separate automatically when a pressure is applied to the pendant or ring by means of which the locket or charm is suspended from a chain, ribbon, or the like. Other objects of this invention not at this time more particularly enumerated will be clearly understood from the following detailed description of the same.

With the various objects of my present invention in view, the said invention consists, primarily, in the novel locket or watch-charm hereinafter set forth; and, the invention consists furthermore in the arrangements and combinations of the various parts which will be more fully described in the accompanying specification and then finally embodied in the clauses of the claims which are appended to and which form an essential part of the said specification.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1 is a plan view of a locket or watch-charm embodying the features of the present invention, the cover and body-sections being represented in their closed relation; and Fig. 2 is a similar view of the locket or watch-charm, showing the cover-section sprung open. Fig. 3 is a transverse vertical section taken on line 3—3 of said Fig. 2, said view being made on an enlarged scale. Fig. 4 is a detail vertical section taken on line 4—4 in said Fig. 3, looking in the direction of the arrow *x*; and Fig. 5 is a similar section taken on line 5—5 in said Fig. 3, looking in the direction of the arrow *y*. Fig. 6 is a detail longitudinal vertical section of portions of the cover and body-sections, showing in connection therewith a slightly modified form of means or device for automatically bringing the hinged sections into their opened or separated relations.

Similar characters of reference are employed in all of the above described views, to indicate corresponding parts.

Referring now to the said drawings, the reference-character 1 indicates a complete locket or watch-charm showing one embodiment of my present invention, the same comprising a dish-shaped body-section or element 2 and a dish-shaped cover-section or element 3, the body-section or element 2 having suitably secured upon its marginal edge-portion, by means of solder 4, or connected therewith in any other suitable manner, a ring-shaped flange 5, and the said cover-section or element 3 having suitably secured upon its marginal edge-portion by means of solder 6, or connected therewith in any other suitable manner, a ring-shaped flange 7. The said cover-section or element 3 is pivotally connected with the said body-section 2 by means of a suitable hinge consisting of the pintle-loops or eyes 8 and 9 upon the respective flanges 5 and 7, and a pintle 10. At a point diametrically opposite the said hinge, the body-section or element 2 is provided with an opening 11 in which is slidably arranged a bar 12 formed at one end, upon the outside of the body-section or element 2, with a ring or eye, as 13, which forms a pendant, and at its opposite end-portion, within the said body-section or ele-

ment 2, the said bar is provided with a slightly curved spring-plate 14, said plate being retained in that portion of the body-section or element 2, formed by the curved wall-portion 15 and the flange 5 by means of a pair of vertical posts 16, as indicated in Figs. 3 and 5 of the drawings.

Suitably secured upon the upper surface of the bar 12, and movably arranged in an open or cut-away part 17 of the ring-shaped flange 5 is a suitable shank or post 18 formed with a hook-shaped engaging member or nosing 19 with which a portion of the ring-shaped flange 7 of the cover-section or element 3 can be brought in holding engagement when the said cover-section 3 is closed down upon the body-section or element 2, as will be clearly evident. The means or devices for springing open the said cover-section or element 3 when the said member or nosing 19 is disengaged from the flange 7 of said cover-section or element 3 by a pressure upon the ring or eye 13, in a direction toward the body-section or element 2, consists essentially of a suitably formed lug or projection, as 20, which is suitably secured upon that portion of the ring-shaped flange 5 of the body-section or element 2, at a point preferably in front of the hinge, and which has its upper edge forcibly bearing against the face of the ring-shaped flange 7 of the cover-section or element 3 when the latter section has been closed down upon the body-section and is held in its closed position by the previously mentioned spring-catch.

In lieu of the form of lug or projection 20, shown in Figs. 2, 3 and 4 of the drawings, in which figures the said lug or projection is shown as a separate piece suitably secured to the flange 5, a lug or projection 21 shown in Fig. 6 may be forced directly out of the body of the flange 5, as shown. In closing the cover-section 3, the flange 7 is brought down upon the said lug or projection 21 in precisely the same manner as herein-above described.

The operation of the parts will be clearly evident from an inspection of the several figures of the drawings, and it will be clearly understood, that when the spring-catch is released from its holding engagement with the cover-section or element 3, the forcibly

compressed parts at the hinge being also released, the projection or lug will produce an outward movement of the cover-section or element 3, thereby causing the same to spring open and stand in its opened relation to the body-section or member 2, as will be clearly understood, and as illustrated in the several figures of the drawings.

I claim:—

1. A locket comprising a body-section, a cover-section hinged thereto, and a ring-shaped and resilient flange upon each section, a catch for retaining said sections in their closed relation, and a projection upon the flange of said body-section, said projection being integral with said flange and in engagement with the resilient flange of said cover-section for causing the automatic opening of said cover-section when the catch is operated.

2. A locket comprising a body-section and a cover-section hinged thereto, said sections being provided with ring-shaped and resilient flanges, and a projection upon one of said flanges, said projection being integral with said flange and in engagement with the other resilient flange for producing the automatic separation of said sections.

3. A locket comprising a body-section and a cover-section hinged thereto, said sections being provided with ring-shaped and resilient flanges, a projection upon one of said flanges, said projection being integral with said flange and in engagement with the other resilient flange for producing the automatic separation of said sections, one of said sections being provided with an opening, a push-bar slidably arranged in said opening, a spring-plate connected with said bar, posts for retaining said spring-plate in position within one of said sections, and a shank extending from said push-bar for engagement with the other section, substantially as and for the purposes set forth.

In testimony, that I claim the invention set forth above I have hereunto set my hand this 28th day of May, 1909.

LOUIS E. ^{his} X GARRIGUS.
mark

Witnesses:

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