

J. FORSHEIM.
CONCEALED HINGE LOCKET.

(Application filed Feb. 7, 1901.)

(No Model.)

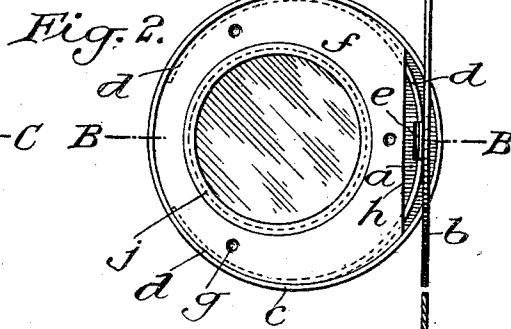
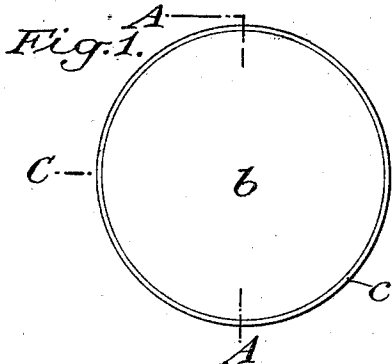


Fig. 3.

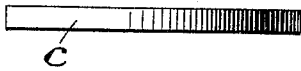


Fig. 5.

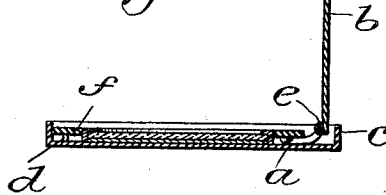


Fig. 7.

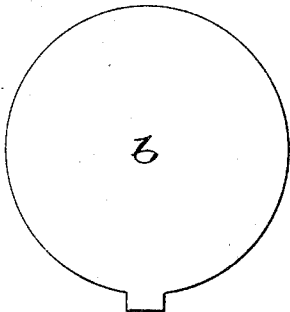


Fig. 8.

Fig. 9. Fig. 10.

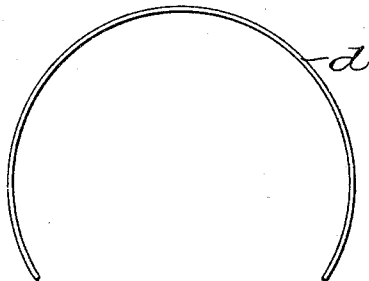
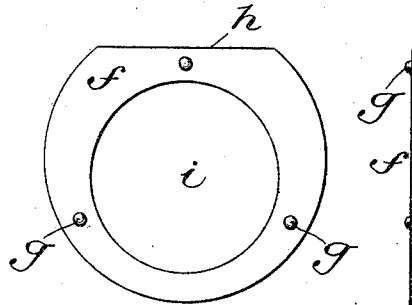
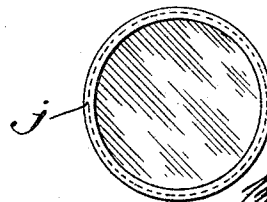


Fig. 11



Inventor:
Joseph Forsheim
by attorneys
Merrill & Howard

Witnesses:
George Barry Jr.
Henry Shuerme.

UNITED STATES PATENT OFFICE.

JOSEPH FORSHEIM, OF NEW YORK, N. Y., ASSIGNOR TO WILLIAM C. POPPER, OF SAME PLACE.

CONCEALED-HINGE LOCKET.

SPECIFICATION forming part of Letters Patent No. 682,352, dated September 10, 1901.

Application filed February 7, 1901. Serial No. 46,294. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH FORSHEIM, a citizen of the United States, and a resident of the borough of Manhattan, in the city and State of New York, have invented a new and useful Concealed-Hinge Locket, of which the following is a specification.

My invention relates to a concealed-hinge locket, with the object in view of providing a locket of the above character in which the hinged connection between the body portion and the cap or cover of the locket is entirely concealed when the cover is closed.

A further object of my invention is to provide a locket of the above character in which the several parts may be assembled without the use of solder, thus materially reducing the cost of manufacture of the same.

A further object is to provide a hinge of such a nature that when the cover is pressed inwardly at a point adjacent to the hinge the free end of the cover will be forced outwardly.

A practical embodiment of my invention is represented in the accompanying drawings, in which—

Figure 1 is a top plan view of the locket when the cover is in its closed position. Fig. 2 is a similar view when the cover is in its open position. Fig. 3 is an edge view of the locket. Fig. 4 is a vertical central section taken in the plane of the line A A of Fig. 1. Fig. 5 is a vertical central section taken in the plane of the line B B of Fig. 2. Fig. 6 is a vertical central section taken in the plane of the line C C of Fig. 1. Fig. 7 is a plan view of the cover-blank. Fig. 8 is a view of the wire which forms one member of the hinge. Fig. 9 is a bottom plan view of the retaining-plate. Fig. 10 is an edge view of the same; and Fig. 11 is a face view of the picture-holder or bezel, which is arranged to be seated in the retaining-plate.

The locket comprises a cup-shaped body portion *a* and a hinged cap or cover *b*, arranged in position to snugly fit within the body portion when closed, with its outer face flush with the outer face of the rim *c* of the body portion.

The cover *b* is connected with the body portion *a* by means of a concealed hinge, as follows: A curved wire *d* is connected to the

under side of the cover *b*, at one edge thereof, by means of a loop *e*, through which the wire *d* passes. This loop *e* is formed by bending a tab projecting from the periphery of the blank which forms the cover *b*, so that the use of solder is entirely obviated. The wire *d* is fitted to snugly engage the inner wall of the flange *c* on the body portion of the locket when the cover is closed. When the cover is opened, the portion of the wire adjacent to its connection with the cover is forced inwardly away from the wall of the said flange. The loop in the cover through which the wire passes is spaced from the bottom of the body portion, so as to permit the hinged portion of the cover to be depressed.

A retaining-plate *f* is forced into the body portion of the locket after the wire has been inserted in position, the said retaining-plate being spaced from the bottom of the body portion—in the present instance by means of a plurality of lugs or projections *g*, formed on the retaining-plate. A portion of the retaining-plate is cut away adjacent to the hinge, the straight edge *h* of the cut-away portion serving as a fulcrum for opening the cover *b* when the portion of the cover adjacent to the hinge is depressed for positively swinging open the free end of the cover.

The retaining-plate *f* is provided with a picture-frame-receiving opening *i*, within which a picture-frame or bezel *j* of the required size and shape is fitted to be inserted. The spacing-lugs between the retaining-plate *f* and the bottom of the body portion *a* are of a sufficient size to leave a space between the top of the plate and the top of the circumferential rim or flange *c* equal to the thickness of the cover *b*, so that when the cover is closed the top of the cover will be flush with the outer edge of the said rim.

It will be seen that by the construction hereinabove set forth I am enabled to provide a concealed hinge without the use of solder and, further, without the help of a loose link connection between the cover and body portion. It will furthermore be seen that the parts can be readily assembled by unskilled labor, this feature also materially reducing the cost of the article.

It is evident that changes might be re-

sorted to in the form, construction, and arrangement of the several parts without departing from the spirit and scope of my invention. Hence I do not wish to limit myself strictly to the structure herein set forth; but

What I claim is—

1. A concealed-hinge locket comprising a body portion having a peripheral rim, a cover fitted to the inner wall of the said peripheral rim, a member hinged to the under face of the cover at the edge of the cover and a retaining-plate for locking the member in position within the body portion, substantially as set forth.

2. A concealed-hinge locket comprising a body portion, a cover, a member hinged to the under face of the cover at the edge of the cover and a retaining-plate for locking the member in position within the body portion, the said retaining-plate being cut away at a point adjacent to the hinge for forming a fulcrum on which the cover is rocked when its hinged end is depressed, substantially as set forth.

3. A concealed-hinge locket comprising a

body portion having a peripheral rim, a cover fitted to the inner wall of the said peripheral rim, a loop on the under face of the cover at its edge and a curved wire passing through the loop and along the inner wall of the peripheral rim upon opposite sides of the loop for hinging the cover to the body portion, substantially as set forth.

4. A concealed-hinge locket comprising a cup-shaped body portion, a picture-holding retaining-plate located within the body portion and spaced from its bottom, a cover arranged to fit the space between the retaining-plate and the top of the body portion and a member hinged to the cover and held in position in the body portion by the retaining-plate, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 4th day of February, 1901.

JOSEPH FORSHEIM.

Witnesses:

FREDK. HAYNES,
HENRY THIEME.