No. 621,452. Patented Mar. 21, 1899.

A. F. FULLER.

PURSE OR BAG FRAME.

(Application filed Oct. 27, 1898.)

(No Model.)

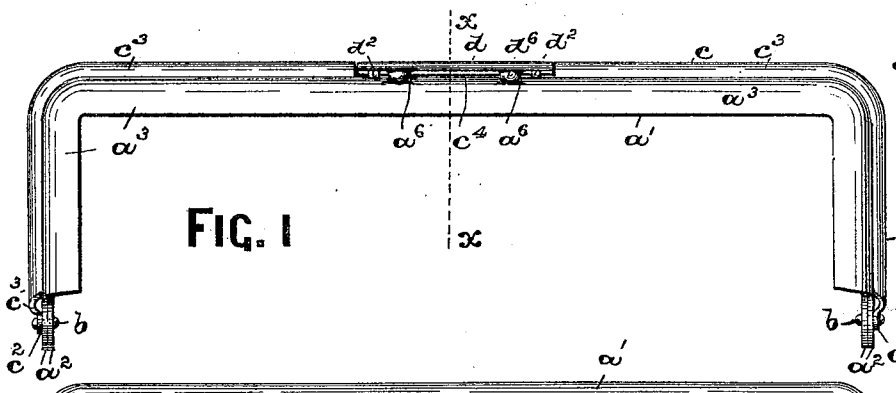


FIG. 1

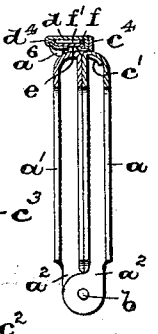


FIG. 2

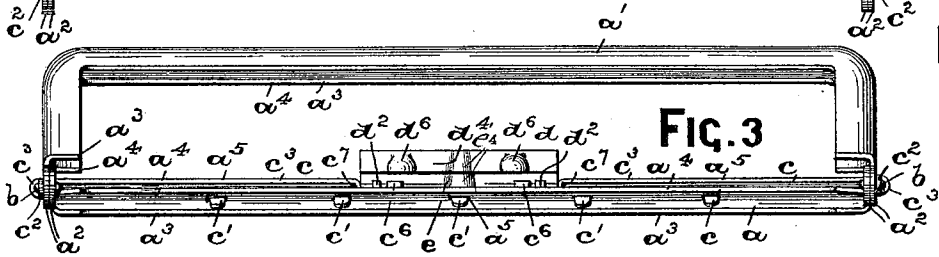


FIG. 3

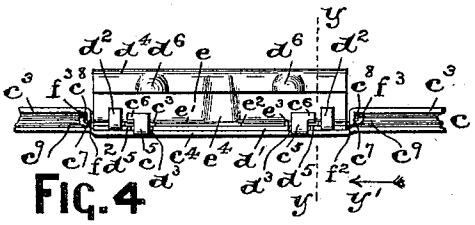


FIG. 4

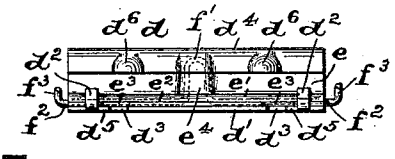


FIG. 5

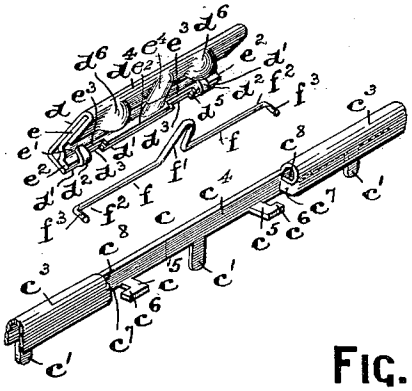


FIG. 7

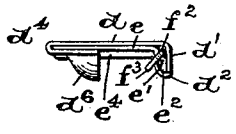


FIG. 6

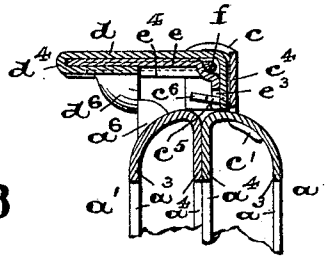


FIG. 8

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UNITED STATES PATENT OFFICE.

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PURSE OR BAG FRAME.

SPECIFICATION forming part of Letters Patent No. 621,452, dated March 21, 1899.

Application filed October 27, 1898. Serial No. 694,661. (No model.)

To all whom it may concern:

Be it known that I, ALBERT F. FULLER, a citizen of the United States, residing at Irvington, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Purse or Bag Frames; 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 letters of reference marked thereon, which form a part of this specification.

The present invention has reference to improvements in metallic frames for pocket-books, satchels, purses, and the like; and the invention relates more especially to a novel construction of locking or holding catch connected with the frame-sections thereof.

The main purpose of this invention is to provide a pocket-book, purse, or other frame and its latch or catch which shall be neat in appearance and shall be of a simple, strong, and durable construction, with a view of furnishing a bag or purse frame having a novel construction of spring-actuated holding catch or latch which can be easily manipulated and is not liable to breakage or disarrangement of its parts.

The invention therefore consists in the novel contruction of bag or purse frame and its holding-catch, as well as in the several novel arrangements and combinations of the parts thereof, all of which will be described in detail in the accompanying specification and finally embodied in the clauses of the claim.

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

Figure 1 is a front view of a purse or bag frame and holding or locking catch embodying the principles of this invention; and Fig. 2 is a vertical section of the same, taken on line x in said Fig. 1. Fig. 3 is a bottom view of the bag or purse frame and its holding or locking catch, the hinged or pivoted frame-sections being represented in a partly-open relation to each other. Fig. 4 is a bottom view of a portion of an edge or bead strip to be secured to one of the frame-sections and the holding or locking catch pivotally and operatively connected therewith, and Fig. 5 is a similar view of the catch detached from the said edge or bead strip. Fig. 6 is an end view of the catch illustrated in said Fig. 5. Fig. 7 shows perspective views of the several parts of the holding or locking catch and a portion of the said edge or bead strip; and Fig. 8 is a cross-section, on an enlarged scale, taken on line y in Fig. 4 and looking in the direction of the arrow y' in said figure.

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

In said drawings, a and a' indicate the usual pair of frame-sections, which are pivotally secured at their lower end portions a^2 by means of suitable pins or rivets b, or they may be pivotally connected with each other in any other well-known manner. Said frame-sections a and a' are respectively provided with inwardly-extending sides a^3 and a^4, as will be noticed from Figs. 1, 2, and 3. One of said frame-sections, as a, is provided in its outer edge with suitable holes or perforations a^5, through which are passed certain holding or clamping prongs or lugs c' of an ornamental edge or bead strip c, said prongs or lugs being adapted to be closed down upon the inner surfaces of said frame-section a to securely hold said edge or bead strip directly over the joint formed by the two frame-sections a and a' of the bag or purse frame when closed. Said edge or bead strip c has its end portions bent down to conform to the general outline of the frame-sections, and the free ends c^3 thereof are perforated and are secured in position by the pins or rivets b hereinabove mentioned and as clearly illustrated in Fig. 1. As illustrated more especially in Figs. 4 and 7, said edge or bead strip c is formed with a pair of end portions c^3, which are preferably ∩-shaped or bead-like in cross-section and extend from the opposite ends of a flat or band-like part c^4 of the said edge or bead strip, whereby a centrally-disposed open space is formed in which I have operatively arranged the holding or locking catch in the manner to be hereinafter described more in detail. The said flat or band-

like part c^4 of the edge or bead strip c has a pair of forwardly-extending lugs c^5, each of which is provided with a projection c^6, extending at a right angle from the lug, or approximately so, said projections forming suitable stops, for the purposes hereinafter explained. Each bead-like portion c^3 is also provided at the inner edge, near said flat or band-like part c^4, with a suitable ear or lug c^7, which lugs or ears c^7 are bent inwardly toward the said flat or bank-like part, and thereby form suitable bearings or supports c^8, substantially as illustrated in Figs. 4 and 7, for my novel construction of pivotally-arranged and spring-actuated holding or locking catch in the said central open space above mentioned. Said catch or holding device consists, essentially, of an outer shell or plate d, provided at the rear with a downwardly-extending shoulder d' and two or more clamping-lips d^2 on said shoulder and a pair of cut-away parts d^3, as illustrated in said Fig. 7. The forward part of said shell or plate d is formed with a downwardly and backwardly bent part d^4, which latter part, with said clamping-lips d^2, may be firmly forced down upon a second plate e to secure the same against the under side of the plate or shell d. Said plate e has a curved and longitudinally-arranged part e' and a shoulder e^2 extending at a right angle, or approximately so, therefrom and is provided with a pair of cut-away parts e^3, which correspond in position to the positions of the cut-away parts d^3 in the shoulder d' of the shell or plate d. Thus it will be seen from an inspection of the several figures of the drawings that a longitudinal bearing is provided at the back of the complete catch for a spring f. Said spring has a centrally-arranged U-shaped portion f', which rests upon the flat surface of the shell or plate d and within a chambered part e^4 in the plate e to prevent the turning of the spring between said plates d and e and to provide for a twist or torsional action of the spring when the catch is operated. Said spring f has its ends f^2 extending from the opposite edges of said plates, and said ends of the spring are bent at right angles, as at f^3, or approximately so. The said locking or holding catch thus produced is pivotally and operatively connected with the said edge or bead strip c by having the ends f^2 of the spring f and said right-angled portions f^3, connected therewith, loosely and operatively arranged in the bearings or supports c^8 of the edge or bead strip hereinabove mentioned, with the parts f^3 of said spring pressing tightly against the inner surfaces c^9 of the bead-like portions c^3, substantially as illustrated in Fig. 4. When the catch has in this manner been arranged in position, the forwardly-extending lugs c^5 will have become placed in the cut-away parts d^3 and e^3 of the respective plates d and e, with the under surface of the plate e resting upon said lugs c^5 and the back of the shoulder d' resting against the inner surface of the flat or band-like part c^4 of the edge or bead strip c, as illustrated in Figs. 3, 4, 5, and 8. In this manner the movable catch will be retained in proper locking or holding position and its upper surface will be in perfect alinement with the upper edges of the edge or bead strip c, as shown in Fig. 1.

When the catch is raised, the inner portions d^5 of the shoulder d' of the plate d will be brought against the stops c^6 of the lugs c^5 of the edge or bead strip c, which limits the upward movement of said catch and distorts the arrangement of the spring f sufficiently, so that when the operator releases his or her hand from the catch the spring f will again cause the said catch to return to its normal position, with the shoulder d' again pressing against the inner surface of the flat or band-like part c^4 of the edge or bead strip c. The holding or locking operation of the catch thus operatively connected with the frame-section a is caused by snapping or forcing the usual form of projection d^6 over a similar projection a^6 upon the frame-section a' in the well-known manner and as clearly indicated in Figs. 1 and 8.

The many advantages of my novel form of pocket-book or purse frame and catch are evident from the above description, the construction of the several parts being simple, cheap, and neat, and a strong and durable frame is the result.

I am aware that changes may be made in the several arrangements and combinations of the various parts as well as in the details of the construction thereof without departing from the scope of my present invention. Hence I do not limit my invention to the exact arrangements and combinations of the parts as herein shown and described, nor to the exact details of the construction thereof.

Having thus described my invention, what I claim is—

1. In a bag or purse frame, the combination, with a pair of frame-sections pivotally connected at their free ends, of an edge or bead strip connected with one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, bearings at the inner ends of said bead-like portions, and a spring-actuated catch pivotally connected with said bearings and in normal retaining contact with said flat or band-like portion of the said edge or bead strip, substantially as and for the purposes set forth.

2. In a bag or purse frame, the combination, with a pair of frame-sections pivotally connected at their free ends, of an edge or bead strip connected with one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, inwardly-bent ears or lugs at the inner ends of said bead-like portions forming bearings, and a spring-actuated catch pivotally connected with said bearings and in nor-

mal retaining contact with said flat or band-like portion of said edge or bead strip, substantially as and for the purposes set forth.

3. In a bag or purse frame, the combination, with a pair of frame-sections pivotally connected at their free ends, of an edge or bead strip connected with one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, bearings at the inner ends of said bead-like portions, a spring-actuated catch pivotally connected with said bearings, and a downwardly-extending shoulder at the back of said catch in normal retaining contact with said flat or band-like portion of said edge or bead strip, substantially as and for the purposes set forth.

4. In a bag or purse frame, the combination, with a pair of frame-sections pivotally connected at their free ends, of an edge or bead strip connected with one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, bearings at the inner ends of said bead-like portions, a spring-actuated catch pivotally connected with said bearings, a downwardly-extending shoulder at the back of said catch in normal retaining contact with said flat or band-like portion of said edge or bead strip, and means on said edge or bead strip adapted to be engaged by said catch to limit the upward movement thereof when raised, substantially as and for the purposes set forth.

5. In a bag or purse frame, the combination, with a pair of frame-sections pivotally connected at their free ends, of an edge or bead strip connected with one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, bearings at the inner ends of said bead-like portions, a spring-actuated catch pivotally connected with said bearings, a downwardly-extending shoulder at the back of said catch in normal retaining contact with said flat or band-like portion of said edge or bead strip, and means on said edge or bead strip adapted to be engaged by said catch to limit the upward movement thereof when raised, consisting, essentially, of lugs c^5 and stops on said lugs, substantially as and for the purposes set forth.

6. In a bag or purse frame, the combination, with a pair of frame-sections pivotally connected at their free ends, of an edge or bead strip connected with one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, inwardly-bent ears or lugs at the inner ends of said bead-like portions forming bearings, a spring-actuated catch pivotally connected with said bearings, and a downwardly-extending shoulder at the back of said catch in normal holding contact with said flat or band-like portion of said edge or bead strip, substantially as and for the purposes set forth.

7. In a bag or purse frame, the combination, with a pair of frame-sections pivotally connected at their free ends, of an edge or bead strip connected with one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, inwardly-bent ears or lugs at the inner ends of said bead-like portions forming bearings, a spring-actuated catch pivotally connected with said bearings, a downwardly-extending shoulder at the back of said catch in normal retaining contact with said flat or band-like portion of said edge or bead strip, and means on said edge or bead strip adapted to be engaged by said catch to limit the upward movement thereof when raised, substantially as and for the purposes set forth.

8. In a bag or purse frame, the combination, with a pair of frame-sections pivotally connected at their free ends, of an edge or bead strip connected with one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, inwardly-bent ears or lugs at the inner ends of said bead-like portions forming bearings, a spring-actuated catch pivotally connected with said bearings, a downwardly-extending shoulder at the back of said catch in normal retaining contact with said flat or band-like portion of said edge or bead strip, and means on said edge or bead strip adapted to be engaged by said catch to limit the upward movement thereof when raised, consisting, essentially, of lugs c^5 and stops on said lugs, substantially as and for the purposes set forth.

9. In a bag or purse frame, the combination, with a pair of hinged frame-sections, of a holding or locking catch connected with one of said frame-sections and to engage the other frame-section, consisting, essentially, of a plate d having a holding portion d^4, a shoulder d' and clamping-lips d^2, a plate e secured between said portion d^4 and lips d^2, a bearing portion e' and shoulder e^2 on said plate e, and a spring between said plates, having projecting ends and portions f^3 bent at right angles, or approximately so, an edge or bead strip on one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, and bearings at the inner ends of said bead-like portions in which the projecting ends of said spring are arranged, substantially as and for the purposes set forth.

10. In a bag or purse frame, the combination, with a pair of hinged frame-sections, of a holding or locking catch connected with one of said frame-sections and to engage the other frame-section, consisting, essentially, of a plate d having a holding portion d^4, a shoulder d' and clamping-lips d^2, a plate e secured between said portion d^4 and lips d^2, a bearing portion e' and shoulder e^2 on said plate e, and a spring between said plates, having projecting ends and portions f^3 bent at right angles,

or approximately so, an edge or bead strip on one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, and inwardly-bent lugs c^7 at the inner ends of said bead-like portions forming bearings c^8 in which the projecting ends of said spring are arranged, substantially as and for the purposes set forth.

11. In a bag or purse frame, the combination, with a pair of hinged frame-sections, of a locking or holding catch adapted to engage one of said frame-sections, consisting, essentially, of a plate d having a holding portion d^4, a shoulder d', clamping-lips d^2 on said shoulder, and cut-away parts also in said shoulder, a plate e secured between said portion d^4 and lips d^2, a bearing portion e' and shoulder e^2 on said plate e, cut-away parts e^3 in said shoulder e^2, a spring between said plates, having projecting ends and portions f^3 bent at right angles, or approximately so, an edge or bead strip on one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, bearings at the inner ends of said bead-like portions in which the projecting ends of said spring are arranged, and means on said edge or bead strip adapted to be engaged by said catch to limit the upward movement thereof when raised, substantially as and for the purposes set forth.

12. In a bag or purse frame, the combination, with a pair of hinged frame-sections, of a locking or holding catch adapted to engage one of said frame-sections, consisting, essentially, of a plate d having a holding portion d^4, a shoulder d', clamping-lips d^2 on said shoulder, and cut-away portions also in said shoulder, a plate e secured between said portion d^4 and lips d^2, a bearing portion e' and shoulder e^2 on said plate e, cut-away parts e^3 in said shoulder e^2, a spring between said plates, having projecting ends and portions f^3 bent at right angles, or approximately so, an edge or bead strip on one of said frame-sections, said strip having bead-like portions and a centrally-arranged connecting flat or band-like portion, bearings at the inner ends of said bead-like portions in which the projecting ends of said spring are arranged, and means on said edge or bead strip adapted to be engaged by said catch to limit the upward movement thereof when raised, consisting, of lugs c^5 extending into said cut-away parts in the shoulders of said plates d and e, and stops c^6 on said lugs c^5, 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 22d day of October, 1898.

ALBERT F. FULLER.

Witnesses:
J. E. MERGOTT,
FREDK. C. FRAENTZEL.