

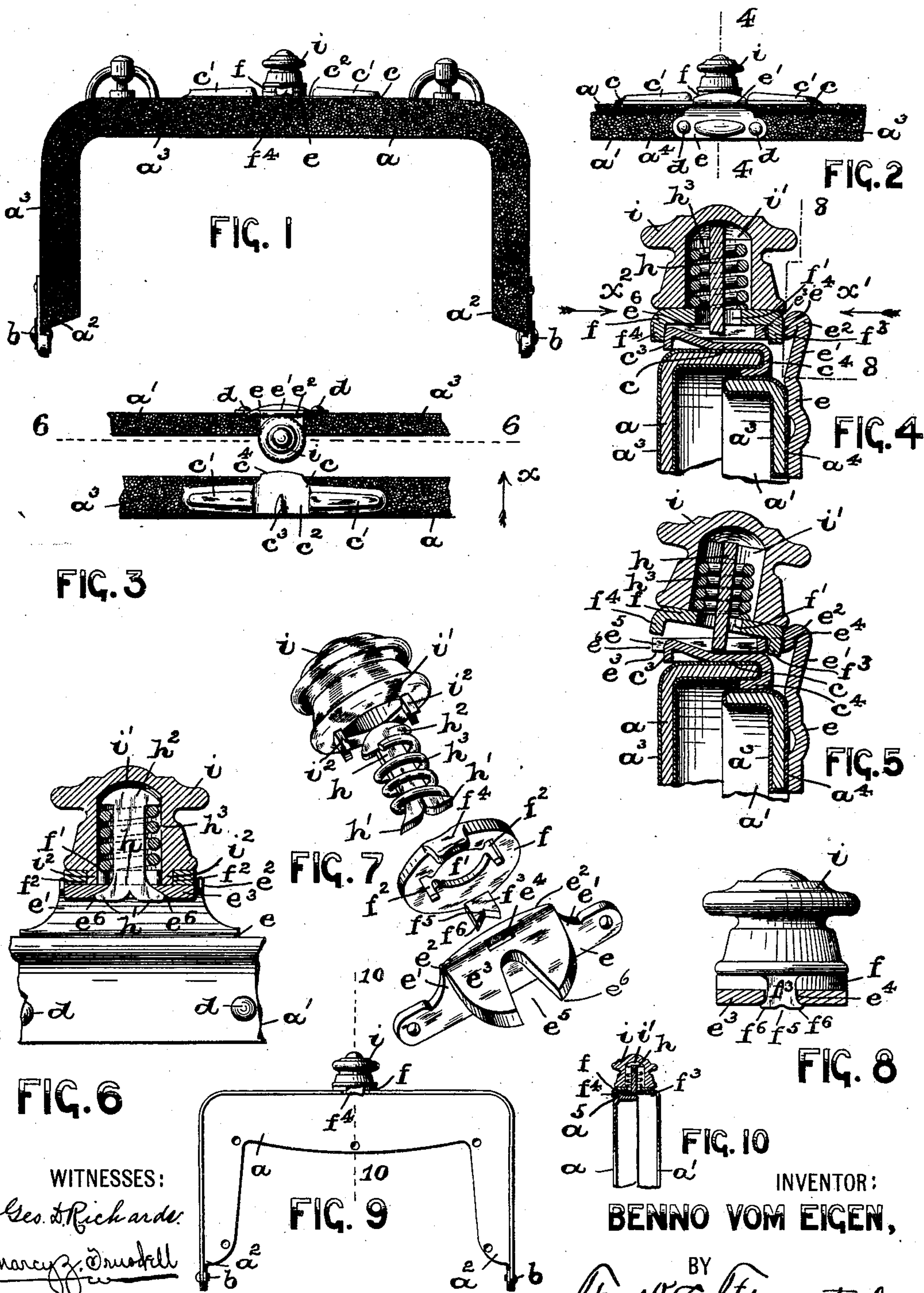
No. 644,067.

Patented Feb. 27, 1900.

**B. VOM EIGEN.
BAG FRAME CATCH.**

(Application filed Nov. 29, 1899.)

(No Model.)



WITNESSES:

Ges. & Richards

Marcy & Orndell

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UNITED STATES PATENT OFFICE.

BENNO VOM EIGEN, OF NEWARK, NEW JERSEY, ASSIGNOR TO AUG. GOERTZ & CO., OF SAME PLACE.

BAG-FRAME CATCH.

SPECIFICATION forming part of Letters Patent No. 644,067, dated February 27, 1900.

Application filed November 29, 1899. Serial No. 738,635. (No model.)

To all whom it may concern:

Be it known that I, BENNO VOM EIGEN, 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 Bag-Frame Catches; 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.

15 This invention relates to improvements in catches or locks for bag or purse frames, and more especially to that class of frames employed with chatelaine-bags, belt-bags, or other like bags.

20 The invention has for its principal objects to provide a neat and simply-constructed holding or locking catch for bag or purse frames which is of a strong and durable construction, holds the frame-sections of the bag securely closed, and is more easily manipulated than the holding-catches or locks for chatelaine or belt bags heretofore made by a simple forward push or pressure against a knob provided with the catch or lock construction, and hence can be opened by the use of one hand only.

The invention therefore consists in the novel construction of holding-catch or lock for the purposes above stated; and, furthermore, the invention consists in the novel arrangements and combinations of the parts of the catch or lock and the details of construction thereof, either with or without the frame-sections, of a bag or purse frame, all of which will be hereinafter fully described and finally embodied in the various clauses of the claim forming a part of this specification.

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

45 Figure 1 is a rear face view of one form of bag or purse frame provided with a catch or lock made according to the principles of my present invention, and Fig. 2 is a front face view of a portion of the bag-frame and the lock or holding-catch. Fig. 3 is a top or plan view of the portions of the frame-sections pro-

vided with the respective holding or locking parts of the catch or lock in their separated positions to permit the opening of the frame-sections of the bag or purse frame. Fig. 4 is a vertical cross-section, on an enlarged scale, of the frame-sections and holding-catch or lock, taken on line 4 4 in Fig. 2, representing the several parts in their locked arrangement; and Fig. 5 is a similar section of the said parts represented in said Fig. 4, but illustrating the respective parts of the catch or lock in their disengaged positions to permit the opening of the frame-sections. Fig. 6 is a longitudinal vertical section, taken on line 6 6 in Fig. 3, looking in the direction of the arrow x in said Fig. 3; and Fig. 7 is a perspective view of the several parts of the locking or holding catch, the several parts being illustrated one above the other in their relative positions ready to be assembled and secured together in the manner indicated more especially in said Fig. 6. Fig. 8 is a vertical section, taken on line 8 8 in Fig. 4, looking in the direction of the arrow x' in said Fig. 4. Fig. 9 is a rear face view of a differently-constructed bag or purse frame provided with a locking or holding catch embodying the novel features of this invention, and Fig. 10 is a vertical cross-section taken on line 10 10 in said Fig. 9.

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

In said drawings, a and a' indicate a pair of frame-sections, which are pivotally connected or hinged at their lower end portions a^2 in the usual manner by means of suitable pins or rivets b , as clearly indicated in the several figures of the drawings, the said frame-sections being preferably covered with leather or any other desirable material, as will be understood.

In Figs. 1 to 8, inclusive, I have illustrated the employment of my novel construction of holding-catch or lock with the frame-sections of a chatelaine or belt bag.

The arrangement and construction of the holding-catch or lock are as follows: Centrally and suitably secured upon the upper surface of the frame-section a is a fitting consisting of a plate or body c , having the oppositely-extending raised portions c' and the centrally-

depressed part c^2 , which latter part is provided near the forward edge of the plate or body c with a projection c^3 , forming a holding lip or catch for the purpose hereinafter more fully set forth. The said plate or body c may also be provided at its rear edge with a C-shaped lip c^4 , made to embrace the edge of the frame-section a and clamped against the undersurface of said frame-section, as clearly indicated in Figs. 4 and 5, to cause said plate or body c to be more securely held in its proper position on said frame-section a . Of course it will be evident that this lip c^4 is not absolutely essential and may be dispensed with, if desired. It will also be further understood that the said plate or body c may be of any other desirable and suitable shape and may be secured in any desirable manner upon the said frame-section a , the main purpose of said plate or body c being to provide a holding catch or lip, as c^3 , and also serving as a protector to the covering a^3 of the frame-section to prevent the disfigurement or tearing of such covering a^3 by the other parts of the holding-catch or lock when the frame-sections a and a' are closed and opened.

Secured against the downwardly-extending flange a^4 of the frame-section a' , by means of rivets d or in any other suitable manner, is a plate or body e of any desirable configuration in outline and which may be suitably ornamented on its face. The said plate e has an upwardly-extending portion e' , which is preferably made to incline forwardly, as shown, and is curved, as at e^2 , and provided with a plate-like part e^3 , extending at a right angle, or approximately so, from said portion e' . In this manner an L-shaped clip is provided having the upper rectangular shank arranged some distance above the plate or body c on the frame-section a when the two frame-sections a and a' are in their closed relation with each other. This said rectangular shank or plate-like part e^3 is formed with a rectangular opening e^4 at or near the back, quite close to the curved edge e^2 , and also has a Π -shaped or other suitably-shaped opening e^5 extending from a point directly back of the center of said shank or part e^3 to the forward edge e^6 of said shank, as will be clearly evident from an inspection more especially of Figs. 5 and 7. Placed directly upon the upper surface of said shank or plate-like part e^3 is a disk f , having a central opening f' , with which is connected a pair of smaller and oppositely-placed openings f^2 , as clearly illustrated in Fig. 7. The forward edge of said disk f has a downwardly-projecting lip f^4 , and on the under surface of said disk f , at or near its rear edge, is a lug or post f^3 . This post is cut away V-shaped, as at f^5 , and is passed through the rectangular opening e^4 in the shank or plate-like part e^3 , when the projecting ends f^6 of said V-shaped post or lug f^3 are spread apart by means of a proper tool to cause said ends f^6 to bind against the edges of the shank e^3 which surround the opening

e^4 to secure said disk f in position upon said shank or plate-like part e^3 . The manner of securing the said post or lug f^3 in said opening e^4 is such that the disk f is pivotally connected with said shank e^3 to permit it to be slightly raised and withdraw its lip f^4 , which under normal conditions projects down into the Π -shaped opening e^5 of the shank e^3 and slightly beneath the lower surface of said shank, from said opening e^5 to a point above the upper surface of the shank or plate-like part e^3 , as clearly indicated in Fig. 5 of the drawings and for the purpose hereinafter more fully set forth.

Resting in suitably-arranged recesses e^6 , formed in the opposite edges of the shank or plate-like part e^3 contiguous to said Π -shaped opening e^5 , are the bifurcated end portions h' of a post or stem h , which is provided at its opposite end with a head h^2 , preferably made flat, as shown. When said post is thus secured to the shank e^3 , with a part of the post h extending into and through the Π -shaped opening e^5 and through the central opening f' in the disk f , a coiled spring h^3 , previously placed upon said post, will properly secure said post in its upright position above the disk f , but will still permit of a pivotal movement of the disk f upon said shank e^3 in the manner hereinabove set forth. A suitably-ornamented knob or head i , which is hollow to form a chamber i' , has a pair of bifurcated or other suitably-constructed posts or lugs i^2 , which are passed into and through the openings f^2 in the disk f and upset or riveted against the under surface of said disk to secure said knob or head i in position upon said disk f , with the upper portion of the post h and the spring h^3 arranged in the chamber i' in said knob or head, but not rigidly connected, all of which will be clearly evident from an inspection of Figs. 4, 5, and 6. This arrangement of securing these several parts together and the spring h^3 surrounding the post h will, when the frame-sections a and a' are moved from their open positions to their closed positions, cause the lip f^4 to ride upon the depressed part c^2 of the plate or body c and directly upon and over the projection or lip c^3 thereof, behind which it will be forced, as indicated in said Fig. 4, when the frame-sections a and a' are entirely closed against each other, and will thus, owing to the action of the spring h^3 , retain its locked or holding engagement with said projection or lip c^3 to properly and securely cause the frame-sections a and a' to maintain their relatively-closed positions, as will be clearly evident. A slight push or pressure from the hand of the person wearing the chatelaine-bag suspended from a belt against the side of the knob or head i in the direction of the arrow x^2 in Fig. 4, or in the direction of the arrow x' in Fig. 3, will cause the pivotal motion of the disk f upon the shank or plate-like part e^3 , thereby compressing the coils of the spring h^3 , and will release the lip f^4 from its holding

engagement with the projection or lip c^3 , bringing the several parts in the disengaged positions (indicated in Fig. 5) and permitting the frame-sections a and a' to be brought into their open relation simply by means of the thumb or finger that depresses the knob or head i .

If desired, I may dispense with the use of the plate c and its parts on the frame-section a and the part d on the frame-section a' , as clearly illustrated in Figs. 9 and 10. In this construction the frame-section a has a holding catch or lug a^5 thereon, and the post h , its spring h^3 , and the disk f , to which is secured the head or knob i , are attached directly upon the upper surface of the frame-section a' , as will be seen from an inspection of Fig. 10. In all other respects the construction of the various parts is the same as that hereinabove described in connection with Figs. 1 to 8, inclusive, and the workings of the several parts to retain the frame-sections in their holding or locked arrangement or to permit their separation are similar to that above described.

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 do I confine myself to the exact details of the construction thereof.

Having thus described my invention, what I claim is—

1. In a purse or bag frame, the combination, with a pair of frame-sections, of a lock or catch on one of said frame-sections, comprising a fixed plate rigidly connected with the frame-section, a holding-catch connected therewith having a pivotal means of connection at or near the back of said fixed plate, for disengaging said lock or catch from the other frame-section, when pressure is applied to said holding-catch at one side thereof, and a second pivotal means of connection between said fixed plate and said holding-catch for returning the lock or catch to its normal position for holding engagement with the other frame-section, said second pivotal means of connection being centrally connected with said fixed plate, and extending in an upward direction above said fixed plate and loosely connected with the said holding-catch, substantially as and for the purposes set forth.

2. In a purse or bag frame, the combination, with a pair of frame-sections, of a lock or catch on one of said frame-sections, comprising a fixed plate rigidly connected with the frame-section, a holding-catch connected therewith having a pivotal means of connection at or near the back of said fixed plate, for disengaging said lock or catch from the other frame-section, when pressure is applied to said holding-catch at one side thereof, a

knob or head secured upon said holding-catch, and a second pivotal means of connection between said fixed plate and said knob or head for returning the lock or catch to its normal position for holding engagement with the other frame-section, said second pivotal means of connection being centrally connected with said fixed plate, and extending in an upward direction above said fixed plate and loosely connected with the said holding-catch, substantially as and for the purposes set forth.

3. In a purse or bag frame, the combination, with a pair of frame-sections, of a lock or catch on one of said frame-sections, a fixed plate rigidly connected with the frame-section, a pivotal disk connected therewith, having a holding-lip in normal holding engagement with the other of said frame-sections, and a second pivotal means of connection between said pivotal disk and said fixed plate, for disengaging its holding-lip from the other frame-section, when pressure is applied to said means at one side thereof and returning the lock or catch to its normal position, when released, substantially as specified, and said second pivotal means of connection being centrally connected with said fixed plate, and extending in an upward direction above said fixed plate and loosely connected with said holding-catch, and for the purposes set forth.

4. In a purse or bag frame, the combination, with a pair of frame-sections, of a lock or catch on one of said frame-sections, a fixed plate rigidly connected with the frame-section, a pivotal disk connected therewith, having a holding-lip in normal holding engagement with the other of said frame-sections, a knob or head connected with said pivotal disk and a second pivotal means of connection between said fixed plate and said knob or head, for disengaging its holding-lip from the other frame-section, when pressure is applied to said knob or head at one side thereof, substantially as specified, and said second pivotal means of connection being centrally connected with said fixed plate, and extending in an upward direction above said fixed plate and loosely connected with said holding-catch, and for the purposes set forth.

5. In a purse or bag frame, the combination, with a pair of frame-sections, of a lock or catch on one of said frame-sections, a fixed plate rigidly connected with the frame-section, a pivotal disk connected therewith, having a holding-lip in normal holding engagement with the other of said frame-sections, a chambered knob or head on said pivotal disk and a spring-encircled post pivotally connected with said pivotal disk and extending into said chambered knob or head, all arranged for the disengagement of the holding-lip on said pivotal disk from the other frame-section, when pressure is applied to said knob or head at one side thereof, substantially as and for the purposes set forth.

6. In a purse or bag frame, the combination, with a pair of frame-sections, of a fitting se-

cured to one of said frame-sections, having a holding lip or projection, an L-shaped clip secured to the other of said frame-sections, and a holding-catch pivotally connected with
 5 said clip at or near the back thereof, in normal holding engagement with the holding lip or projection of said fitting on the other frame-section, but said holding-catch being capable of an upward movement for dis-
 10 engagement with said holding lip or projection, and a second pivotal means of connection between said clip and said holding-catch, for returning the catch to its normal position, when released, substantially as specified, and
 15 said second pivotal means of connection being centrally connected with said fixed plate, and extending in an upward direction above said fixed plate and loosely connected with said holding-catch, and for the purposes set
 20 forth.

7. In a purse or bag frame, the combination, with a pair of frame-sections, of a fitting secured to one of said frame-sections, having a holding lip or projection, an L-shaped clip secured to the other of said frame-sections, and
 25 a holding-catch pivotally connected with said clip at or near the back thereof, in normal holding engagement with the holding lip or projection of said fitting on the other frame-
 30 section, and a knob or head connected with said holding-catch, for disengaging said holding-catch from said holding lip or projection, when pressure is applied to said knob or head at one side thereof, and a second pivotal means
 35 of connection between said clip and said knob or head, for returning the holding-catch to its normal position, when released, substantially as specified, and said second pivotal means of connection being centrally connected with
 40 said fixed plate, and extending in an upward direction above said fixed plate and loosely connected with said holding-catch, and for the purposes set forth.

8. In a purse or bag frame, the combination,
 45 with a pair of frame-sections, a fitting secured to one of said frame-sections, having a holding lip or projection, an L-shaped clip secured to the other of said frame-sections, and having an opening, a pivotal disk, provided with
 50 a post or lug extending into said opening and secured against the under surface of said clip, a holding-lip on said disk in normal holding engagement with said holding lip or projection of said fitting on the other frame-section,
 55 and means connected with said pivotal disk, for disengaging it from holding engagement with the holding lip or projection of said fitting when pressure is applied to said means at one side thereof, substantially as and for
 60 the purposes set forth.

9. In a purse or bag frame, the combination, with a pair of frame-sections, a fitting secured to one of said frame-sections, having a holding lip or projection, an L-shaped clip secured to the other of said frame-sections, and having
 65 an opening, a pivotal disk, provided with a post or lug extending into said opening and

secured against the under surface of said clip, a holding-lip on said disk in normal holding engagement with said holding lip or projec- 70
 tion of said fitting on the other frame-section, a knob or head on said pivotal disk, for disengaging its holding-lip from the holding lip or projection of said fitting, when pressure is applied to said knob or head at one side there- 75
 of, substantially as and for the purposes set forth.

10. In a purse or bag frame, the combination, with a pair of frame-sections, a fitting secured to one of said frame-sections, having 80
 a holding lip or projection, an L-shaped clip secured to the other of said frame-sections, and having an opening, a pivotal disk, provided with a post or lug extending into said opening and secured against the under sur- 85
 face of said clip, a holding-lip on said disk in normal holding engagement with said holding lip or projection of said fitting on the other frame-section, a chambered knob or head on said pivotal disk, and a spring-en- 90
 circled post connected with said pivotal disk and extending into said chambered knob or head, all arranged for the disengagement of the holding-lip on said pivotal disk from the holding lip or projection on the fitting, when 95
 pressure is applied to said knob or head at one side thereof, substantially as and for the purposes set forth.

11. The herein-described holding-catch or lock consisting, essentially, of an L-shaped 100
 clip, having a shank provided with an opening e^4 and an opening e^5 , a disk having a post pivotally secured in said opening e^4 , and a holding lip or projection on said disk normally extending down into and through said 105
 opening e^5 , substantially as and for the purposes set forth.

12. The herein-described holding-catch or lock consisting, essentially, of an L-shaped 110
 clip, having a shank provided with an opening e^4 and an opening e^5 , a disk having a post pivotally secured in said opening e^4 , and a holding lip or projection on said disk normally extending down into and through said 115
 opening e^5 , and a knob or head secured on said disk, substantially as and for the purposes set forth.

13. The herein-described holding-catch or lock consisting, essentially, of an L-shaped 120
 clip, having a shank provided with an opening e^4 , and a locking or holding disk, having a post pivotally secured in said opening e^4 , substantially as and for the purposes set forth.

14. The herein-described holding-catch or 125
 lock consisting, essentially, of an L-shaped clip, having a shank provided with an opening e^4 , and an opening e^5 , having recessed portions e^6 in the edges contiguous to said opening e^5 , a centrally-perforated disk f having a 130
 post pivotally secured in said opening e^4 , and a holding lip or projection on said disk normally extending down into and through said opening e^5 , a chambered head or knob se-

cured on said disk f , and a spring-encircled post h in said knob or head, extending into and through said perforated disk f , and having end portions h' arranged in said recesses e^6 , 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 27th day of November, 1899.

BENNO VOM EIGEN.

Witnesses:

FREDK. C. FRAENTZEL,
AUG. GOERTZ.