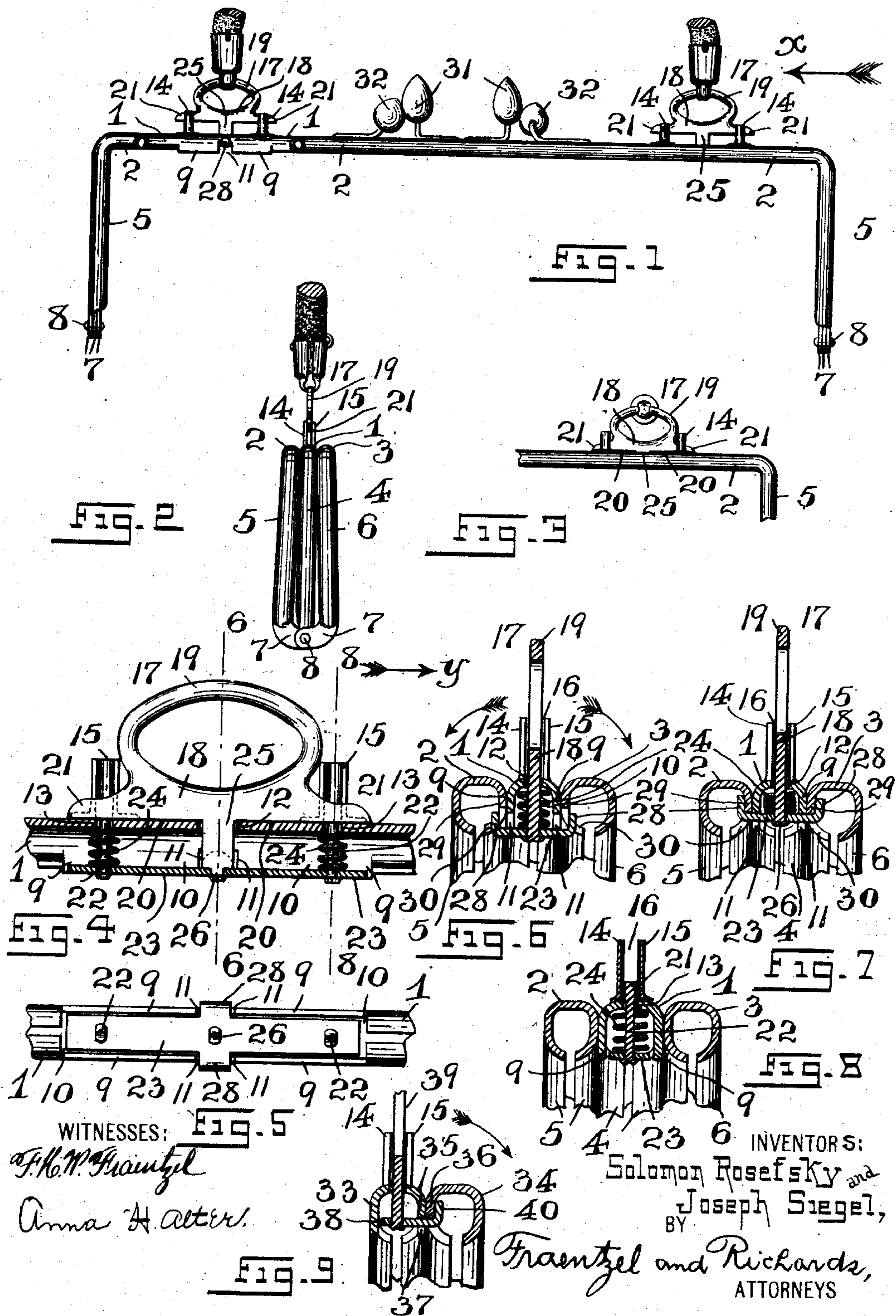


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 LOCKING ATTACHMENT FOR BAG FRAMES AND THE LIKE.
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UNITED STATES PATENT OFFICE.

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LOCKING ATTACHMENT FOR BAG-FRAMES AND THE LIKE.

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To all whom it may concern:

Be it known that we, SOLOMON ROSEFSKY and JOSEPH SIEGEL, citizens of the United States, residing at Newark, in the county of Essex and State of New Jersey, and Peekskill, county of Westchester, and State of New York, respectively, have invented certain new and useful Improvements in Locking Attachments for Bag-Frames and the Like; and we 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 has reference, generally, to improvements in that class of frames for bags, purses, and the like, which comprises two or more hinged or pivoted bag-frame sections, provided with a handle for carrying purposes; and, the present invention relates, more particularly, to improvements in such hinged bag-frame sections which are provided with a handle, said handle being attached to one of the frame-sections, at its ends, by means of handle-loops, said loops being attached to the frame-section by means of locking devices which are arranged and constructed to lock or retain the frame-sections in their closed relation when the handle is vertical, while carrying the bag, but said locking devices being disconnected from their locked engagement when the handle is moved to one side, in a horizontal plane, upon its handle-loops.

The invention has for its principal object to provide a neat and simply constructed frame for bags, purses, and the like, comprising two or more pivotally connected or hinged frame-sections, and a handle therefor which is pivotally attached by means of slidably arranged handle-loops, and a locking attachment connected with each loop for locking the frame-sections when the handle is vertically disposed above said frame-sections, and unlocking said frame-sections when the handle is moved to either side at an angle to the vertical plane of said handle.

Other objects of this invention not at this time more particularly enumerated will be clearly evident from the following detailed description of my present invention.

The invention consists, therefore, in the

novel frame for bags, purses, or the like hereinafter more fully set forth; and the invention consists, furthermore, in the novel arrangements and combinations of devices and parts, as well as in the details of the construction of the same, all of which will be more fully described in the following specification, and then finally embodied in the clause of the claims which are appended to and which form an essential part of this specification.

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

Figure 1 is a front view or elevation of a bag-frame, provided with handle-loops and locking devices connected therewith for attaching the end-portions of the handle, said view showing such handle-portions, and said view representing the various parts in their locked relation when the handle is vertically disposed above the bag-frame, said view also showing one of the frame-sections broken away at the point of connection of one of the handle-loops to the other frame-section. Fig. 2 is an end view of the bag-frame and the handle-connection therefor, looking in the direction of the arrow *x* in said Fig. 1; and Fig. 3 is a front elevation of a portion of the bag-frame, and one of the handle-connections or loops, with the handle-portion shown lowered, said view illustrating the relative position of the sliding handle-loop when the locking-attachment of the loop is in its disconnected or unlocked position. Fig. 4 is a detail longitudinal section of a portion of one of the frame-sections, and a front elevation of one of the handle-loops and its locking-attachment, operatively connected with the frame-section, said view being made on an enlarged scale; and Fig. 5 is a bottom view of the parts shown in said Fig. 4. Fig. 6 is a vertical cross-section taken on line 6—6 in said Fig. 4, showing the locking attachment of the handle-loop in its disconnected relation with the hinged frame-sections, so as to permit of the pivotal movements of the frame-sections; Fig. 7 is a similar section of the same parts, but showing the locking attachment of the handle-loop, which is attached to one frame-section, in locked or holding engagement with the other frame-section; and Fig. 8 is a transverse section, taken on line 8—8 in said Fig. 4, looking in the direction of the arrow *y*. Fig. 9 is a

transverse section, similar to that represented in said Fig. 7, showing a bag-frame comprising but two frame-sections, provided with a handle-loop and locking attachment embodying the principles of the present invention.

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

Referring now to Figs. 1 to 8 inclusive, in which we have shown a bag-frame comprising three frame-sections, the reference-character 1 indicates the main or centrally disposed frame-section, and 2 and 3 are the two side frame-sections, located respectively upon the opposite sides of the main frame-section 1. The frame-section 1 is provided with the usual and downwardly extending portions or members 4, and the frame-sections 2 and 3 are made with the usual and downwardly extending portions or members 5 and 6, respectively, all of which are formed with the usual perforated ears or lugs 7 and pivotal pins 8, whereby the several frame-sections are pivotally connected in a hinge-like manner.

As shown in the several figures of the drawings, the various frame-sections are of a tubular or hollow construction, the main or central frame-section 1 being made, at the points where the handle-attachments are to be attached, with the oppositely disposed and vertically downwardly extending elements or portions 9 which provide pairs of longitudinally extending guides, with a chambered part 10 between them, substantially as shown and for the purposes to be presently more fully described.

Each element or portion 9 is provided in its lower marginal edge-portion with an opening or cut-away part 11, said openings 11 being located directly opposite each other, substantially as shown. The said main or central frame-section 1 is also made in its upper edge-portion with an opening or hole 12 and two other holes or openings 13, and suitably secured upon the upper and outer surface of the said main or central frame-section 1, and located directly above said holes or openings 13, are oppositely placed and vertically extending guide-members or elements 14 and 15, which are concavo-convex in cross-section, and are arranged in pairs, with their concave surfaces placed opposite each other, and providing two oppositely disposed and vertically extended openings or spaces, as 16, between each pair of guide-members or elements 14 and 15, in the manner clearly illustrated in the several figures of the drawings.

The reference-character 17 indicates the two handle-loops, each loop comprising a main body 18 formed with a suitably shaped loop or ring-shaped member 19 at the top, and the lower straight marginal edge 20.

The said body 18 is also provided at its opposite ends with suitably shaped ears or horns 21 which extend into the open spaces 16 between each pair of said guide-members or elements 14 and 15, so as to be vertically movably arranged between said guide-members or elements. Stud or posts 22 extend downwardly from the said ears or horns 21, through the holes or openings 13 in the frame-section 1, said studs or posts projecting downwardly through the chamber or space 10, and having suitably secured upon their lower end-portions a plate 23 which is slidably arranged between the guides 9. The said studs or posts 22 are preferably encircled by coiled springs 24, arranged between said plate 23 and the inner surface-portions of the main frame-section 1, the purpose of these springs being to cause the lower straight marginal edge-portion 20 of the body 18 of the loop or ring-shaped member, at certain times, to rest directly upon the upper and outer surface of the frame-section 1, as clearly illustrated in Fig. 4 of the drawings. The said loop or ring-shaped members are also each provided with a downwardly extending lug or member, as 25, which projects into and through the hole or opening 12 in the frame-section 1, and then extends downwardly through the space 10 between the guides 9, the lower end-portion 26 of each lug or member 25 being suitably secured to a plate 23. As shown, the said plate 23 is provided upon its opposite marginal edges 27 with outwardly and upwardly extending members or elements, which form suitable retaining or holding lugs 28.

Each side frame-section 2 and 3 is made with a downwardly extending holding part 29, formed as shown more particularly in Figs. 6 and 7, with the openings or cut-away parts 30, to permit the upwardly extending locking portions of the retaining or holding lugs 28 to be passed through the said cut-away parts 30 and enter the chambered part of the frame-section 2 or 3, when the handle is in its lowered position, and then bringing said holding or retaining lugs 28 into their locked or holding engagement directly behind the holding parts 29, as clearly shown in Fig. 7, when the handle is in its vertical position while carrying the bag.

Having thus described the general arrangements and combination of the various devices and parts, the operation will be clearly understood from an inspection of the several figures of the drawings.

When the handle is in its lowered or turned-over relation, so as to remove the weight of the parts from the compressed springs 24, then the said springs will expand and cause the various parts of the locking attachment to assume the relative positions shown in said Fig. 6, so that the retaining or holding lugs 28 are moved downwardly and away

from the holding parts 29 of the frame-sections, so that the said frame-sections 2 and 3 are unlocked from the main frame-section 1, and either or both can be moved in the directions of the arrows shown in said Fig. 6 of the drawings.

When the frame-sections are again brought into their closed relation and held by means of the usual fastening knobs 31 and 32, or other suitable fastening devices, then when bringing the handle into its vertical position, while carrying the frame, the weight of the frame-sections and that of the body of the bag in general will cause the parts to assume their relative positions indicated in Fig. 7, thus bringing the lugs 28 once more behind the holding parts 29 of the frame-sections 2 and 3, so that the several frame-sections will be positively locked and retained in their closed relation, while the handle is held vertical.

As has been previously stated, the locking attachment as above described and as illustrated in Figs. 1 to 8 inclusive, is made for use with a main frame-section 1 and two side frame-sections, as 2 and 3, but the attachment can be made, as shown in Fig. 9 of the drawings, so as to be used with but two frame-sections 33 and 34, the frame-section 33 being made upon the sides with downwardly extending elements 35 and 36, one of said elements, as 36, being provided with an opening or cut-away part 37. Slidably arranged between said elements or guides 35 and 36 is a plate 38, to which is attached, as above described, a loop-shaped handle-member 39. The said plate 38 is made upon one of its edges only with a forwardly and upwardly extending holding or retaining lug 40 which extends into and through the opening or cut-away part 37, and is adapted to enter a cut-away part 41 in the frame-section 34 and engages with said frame-section in substantially the same manner as has been set forth in connection with the construction represented in Figs. 1 to 8 inclusive, and as will be readily understood from an inspection of said Fig. 9.

We are aware that changes may be made in the arrangements and combinations of the devices and parts, as well as in the details of the construction of the same without departing from the scope of the present invention as set forth in the foregoing specification, and as defined in the appended claims. Hence we do not limit our invention to the exact arrangements and combinations of the devices and parts as described in the said specification, nor do we confine ourselves to the exact details of the construction of the said parts as illustrated in the accompanying drawings.

We claim:—

1. In a bag-frame, the combination with the frame-sections thereof, of non-rotatable

and vertically slidable handle-loops slidably arranged upon one of the frame-sections, and means connected with each handle loop adapted to interlock with the other frame-section, to secure the frame-sections against opening while carrying the frame, and springs connected with said interlocking means for disengaging the same from said other frame-section, substantially as and for the purposes set forth.

2. In a bag-frame, the combination with the frame-sections thereof, of vertically extending guide-members upon one of said frame-sections, said guide-members being arranged in pairs with a space between each pair of members, non-rotatable handle-loops vertically slidably arranged between said guide-members, and means connected with each handle-loop adapted to interlock with the other frame-section, substantially as and for the purposes set forth.

3. In a bag-frame, the combination with the frame-sections thereof, of vertically extending guide-members upon one of said frame-sections, said guide-members being arranged in pairs with a space between each pair of members, non-rotatable handle-loops vertically slidably arranged between said guide-members, and means connected with each handle-loop adapted to interlock with the other frame-section, to secure the frame-sections against opening while carrying the frame, and means for disengaging said interlocking means from said other frame-section, substantially as and for the purposes set forth.

4. In a bag-frame, the combination with the frame-sections thereof, of vertically extending guide-members upon one of said frame-sections, said guide-members being arranged in pairs with a space between each pair of members, non-rotatable handle-loops vertically slidably arranged between said guide-members, and means connected with each handle-loop adapted to interlock with the other frame-section, to secure the frame-sections against opening while carrying the frame, and springs connected with said interlocking means for disengaging the same from said other frame-section, substantially as and for the purposes set forth.

5. In a bag-frame, the combination with the frame-sections thereof, of vertically extending guide-members upon one of said frame-sections, said guide-members being arranged in pairs with a space between each pair of members, and handle-loops, each handle loop comprising a main body, and end-ears extending between said guide-members and slidably arranged therein, and means connected with said main body adapted to interlock with the other frame-section, substantially as and for the purposes set forth.

6. In a bag-frame, the combination with

the frame-sections thereof, of vertically extending guide-members upon one of said frame-sections, said guide-members being arranged in pairs with a space between each pair of members, and handle-loops, each
 5 handle loop comprising a main body, and end-ears extending between said guide-members and slidably arranged therein, and means connected with said main body adapted to interlock with the other frame-section,
 10 to secure the frame-sections against opening while carrying the frame, and means extending from said end-ears for disengaging said locking means from said other frame-section, substantially as and for the
 15 purposes set forth.

7. In a bag-frame, the combination with the frame-sections thereof, of vertically extending guide-members upon one of said
 20 frame-sections, said guide-members being arranged in pairs with a space between each pair of members, and handle-loops, each handle loop comprising a main body, and end-ears extending between said guide-members and slidably arranged therein, and
 25 means connected with said main body adapted to interlock with the other frame-section, to secure the frame-sections against opening while carrying the frame, and springs extending from said end-ears for disengaging
 30 said locking means from said other frame-section, substantially as and for the purposes set forth.

8. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered, downwardly extending guides on one of said frame-sections, a
 35 plate movably arranged between said guides, a non-rotatable handle-loop vertically slidably arranged upon said frame-section, means for connecting said loop with said plate, and means on said plate adapted to interlock with the other frame-section, substantially as and for the purposes set forth.
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9. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered, downwardly extending guides on one of said frame-sections, a
 45 plate movably arranged between said guides, a non-rotatable handle-loop vertically slidably arranged upon said frame-section, means for connecting said loop with said plate, and means on said plate adapted to interlock with the other frame-section, to secure the frame-sections against opening
 50 while carrying the frame, and means for disengaging said interlocking means from said other frame-section, substantially as and for the purposes set forth.

10. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered, downwardly extending guides on one of said frame-sections, a
 60 plate movably arranged between said guides, a non-rotatable handle-loop vertically slid-

ably arranged upon said frame-section, means for connecting said loop with said plate, and means on said plate adapted to interlock with the other frame-section, to secure the frame-sections against opening
 70 while carrying the frame, and springs connected with said interlocking means from said other frame-sections, substantially as and for the purposes set forth.

11. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered, downwardly extending guides on one of said frame-sections, a
 75 plate movably arranged between said guides, vertically extending guide-members upon said frame-section, said guide-members being arranged in pairs with a space between each pair of members, a non-rotatable handle-loop vertically slidably arranged between
 80 said guide-members, means for connecting said loop with said plate, and means on said plate adapted to interlock with the other frame-section, substantially as and for the purposes set forth.

12. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered, downwardly extending guides on one of said frame-sections, a
 90 plate movably arranged between said guides, vertically extending guide-members upon said frame-section, said guide-members being arranged in pairs with a space between each pair of members, a non-rotatable handle-loop vertically slidably arranged between
 95 said guide-members, means for connecting said loop with said plate, and means on said plate adapted to interlock with the other frame-section, to secure the frame-sections against opening while carrying the frame, and means for disengaging said interlocking
 100 means from said other frame-section, substantially as and for the purposes set forth.

13. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered, downwardly extending guides on one of said frame-sections, a
 110 plate movably arranged between said guides, vertically extending guide-members upon said frame-section, said guide-members being arranged in pairs with a space between each pair of members, a non-rotatable handle-loop vertically slidably arranged between said
 115 guide-members, means for connecting said loop with said plate, and means on said plate adapted to interlock with the other frame-section, to secure the frame-sections against opening while carrying the frame, and springs connected with said interlocking means for disengaging the same from said other frame-section, substantially as and for the purposes
 120 set forth.

14. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered, downwardly extending guides on one of said frame-sections, a
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plate movably arranged between said guides, vertically extending guide-members upon said frame-section, said guide-members being arranged in pairs with a space between each pair of members, and handle-loops, each handle-loop comprising a main body, and end-ears extending between said guide-members and slidably arranged therein, means for connecting the main body of a loop-member with said plate, and means on said plate adapted to interlock with the other frame-section, substantially as and for the purposes set forth.

15. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered, downwardly extending guides on one of said frame-sections, a plate movably arranged between said guides, vertically extending guide-members upon said frame-section, said guide-members being arranged in pairs with a space between each pair of members, and handle-loops, each handle-loop comprising a main body, and end-ears extending between said guide-members and slidably arranged therein, means for connecting the main body of a loop-member with said plate, and means on said plate adapted to interlock with the other frame-section, to secure the frame-sections against opening while carrying the frame, and means extending from said end-ears for disengaging said locking means from said other frame-section, substantially as and for the purposes set forth.

16. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered, downwardly extending guides on one of said frame-sections, a plate movably arranged between said guides, vertically extending guide-members upon said frame-section, said guide-members being arranged in pairs with a space between each pair of members, and handle-loops, each handle-loop comprising a main body, and end-ears extending between said guide-members and slidably arranged therein, means for connecting the main body of a loop-member with said plate, and means on said plate adapted to interlock with the other frame-section, to secure the frame-sections against opening while carrying the frame, and springs extending from said end-ears for disengaging said locking means from said other frame-section, substantially as and for the purposes set forth.

17. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered and one of them being provided with a plurality of openings, downwardly extending guides on one of said frame-sections, a plate movably arranged between said guides, a non-rotatable handle-loop vertically slidably arranged upon said frame-section, a downwardly extending lug on said handle-loop extending through one of

the openings in said frame-section, said lug being connected with said plate, and a retaining lug upon said plate adapted to be brought in holding engagement with the other frame-section, substantially as and for the purposes set forth.

18. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered and one of them being provided with a plurality of openings, downwardly extending guides on one of said frame-sections, a plate movably arranged between said guides, a non-rotatable handle-loop vertically slidably arranged upon said frame-section, a downwardly extending lug on said handle-loop extending through one of the openings in said frame-section, said lug being connected with said plate, and a retaining lug upon said plate adapted to be brought in holding engagement with the other frame-section, to secure the frame-sections against opening while carrying the frame, and means for disengaging said interlocking means from said other frame-section, substantially as and for the purposes set forth.

19. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered and one of them being provided with a plurality of openings, downwardly extending guides on one of said frame-sections, a plate movably arranged between said guides, a non-rotatable handle-loop vertically slidably arranged upon said frame-section, a downwardly extending lug on said handle-loop extending through one of the openings in said frame-section, said lug being connected with said plate, and a retaining lug upon said plate adapted to be brought in holding engagement with the other frame-section, to secure the frame-sections against opening while carrying the frame, and springs connected with said interlocking means for disengaging the same from said other frame-section, substantially as and for the purposes set forth.

20. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered and one of them being provided with a plurality of openings, downwardly extending guides on one of said frame-sections, a plate movably arranged between said guides, vertically extending guide-members upon said frame-section, said guide-members being arranged in pairs with a space between each pair of members above some of the openings in said frame-section, and non-rotatable handle-loops, each handle-loop comprising a main body, and end-ears extending between said guide-member and slidably arranged therein, a downwardly extending lug on said main body of the loop extending through another opening in said frame-section and connected with said plate, and a retaining lug upon said plate adapted

to be brought in holding engagement with the other frame-section, substantially as and for the purposes set forth.

21. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered and one of them being provided with a plurality of openings, downwardly extending guides on one of said frame-sections, a plate movably arranged
10 between said guides, vertically extending guide-members upon said frame-section, said guide-members being arranged in pairs with a space between each pair of members above some of the openings in said frame-section,
15 and handle-loops, each handle-loop comprising a main body, and end-ears extending between said guide-member and slidably arranged therein, a downwardly extending lug on said main body of the loop extending
20 through another opening in said frame-section and connected with said plate, and a retaining lug upon said plate adapted to be brought in holding engagement with the other frame-section, and posts extending
25 downwardly from the ears of the body of the handle-loops, said posts projecting through the frame-section and being attached to said plate, substantially as and for the purposes set forth.

30 22. In a bag-frame, the combination with the frame-sections thereof, said frame-sections being chambered and one of them being provided with a plurality of openings, downwardly extending guides on one of said
35 frame-sections, a plate movably arranged be-

tween said guides, vertically extending guide-members upon said frame-section, said guide-members being arranged in pairs with a space between each pair of members above some of the openings in said frame-section, 40 and handle-loops, each handle-loop comprising a main body, and end-ears extending between said guide-member and slidably arranged therein, a downwardly extending lug on said main body of the loop extending 45 through another opening in said frame-section and connected with said plate, and a retaining lug upon said plate adapted to be brought in holding engagement with the other frame-section, and posts extending 50 downwardly from the ears of the body of the handle-loops, said posts projecting through the frame-section and being attached to said plate, and a spring encircling each post, said springs having their respective ends bearing 55 upon said plate and against the inner surface of the frame-section, substantially as and for the purposes set forth.

In testimony, that we claim the invention set forth above we have hereunto set our 60 hands.

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