

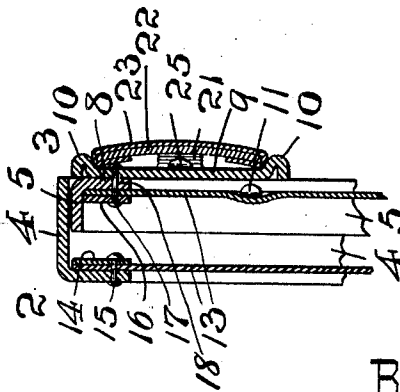
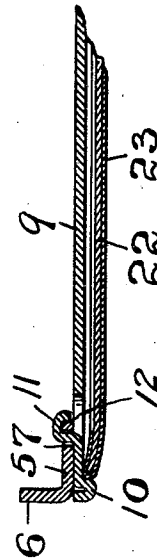
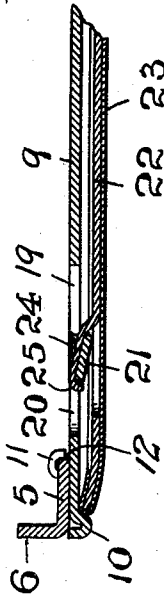
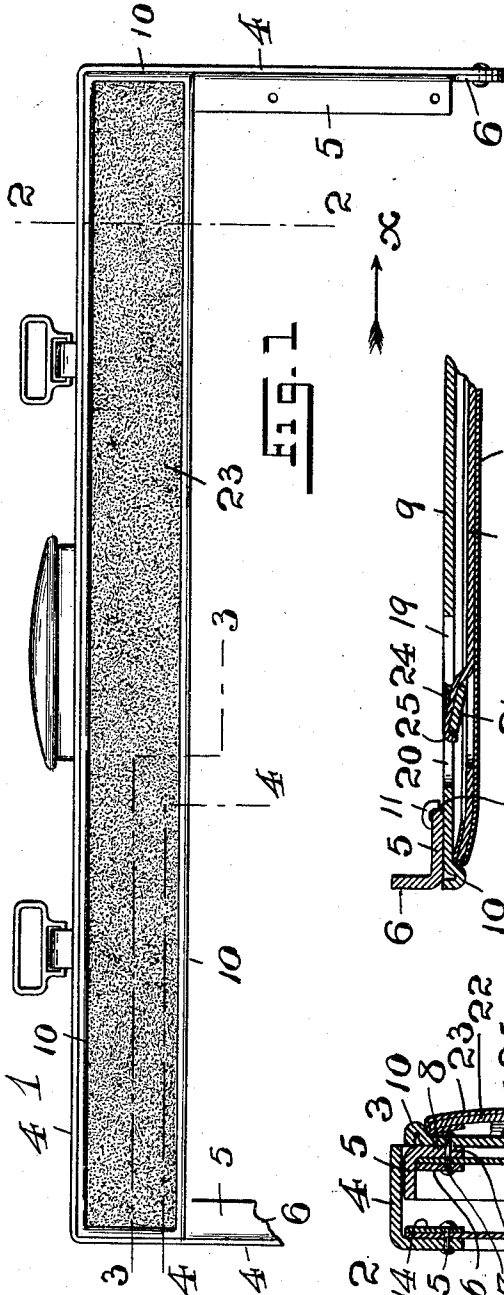
B. VOM EIGEN.
BAG FRAME.

APPLICATION FILED FEB. 2, 1911.

1,005,178.

Patented Oct. 10, 1911.

2 SHEETS—SHEET 1.



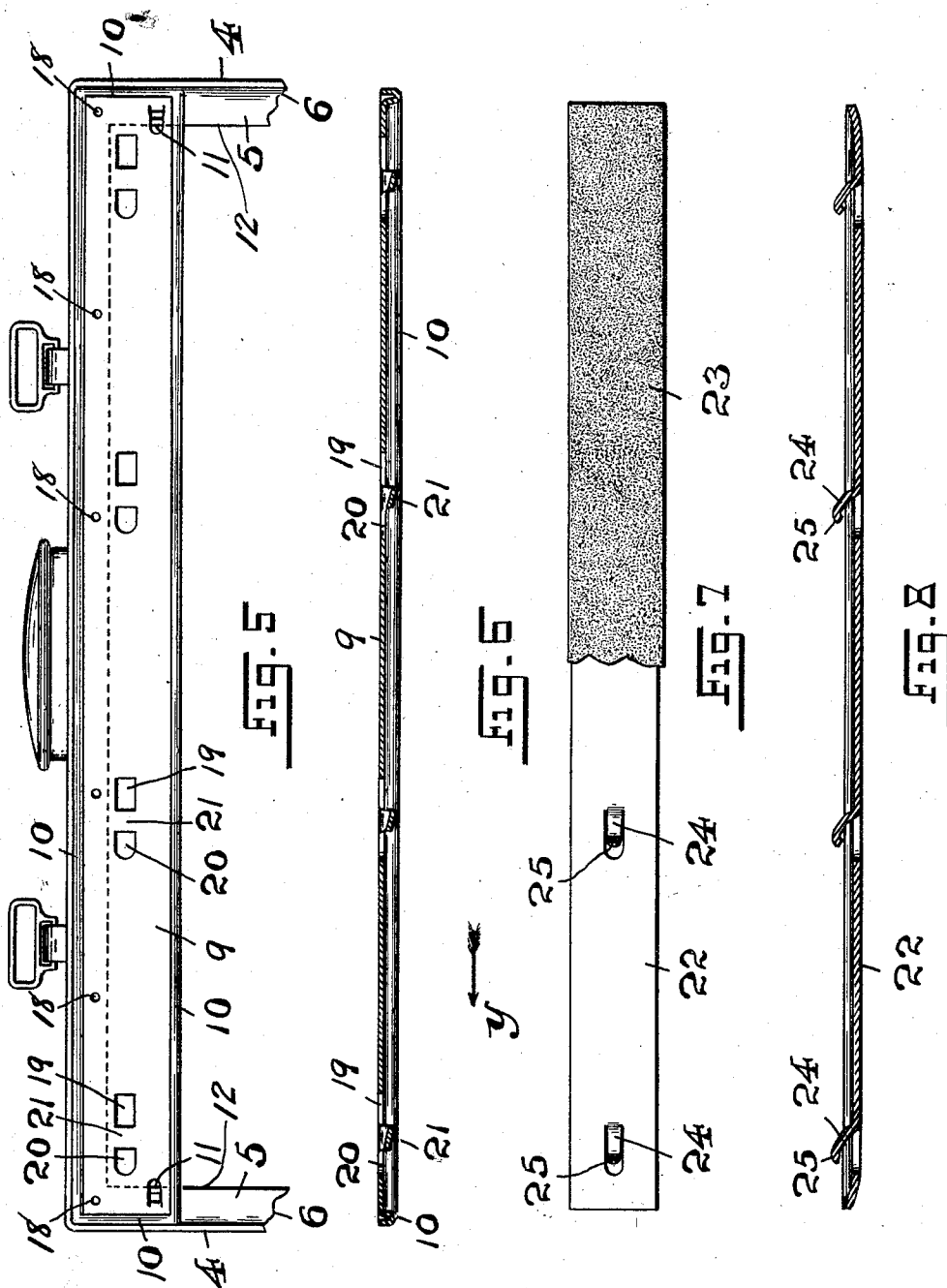
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INVENTOR:
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1,005,178.

Patented Oct. 10, 1911.

2 SHEETS—SHEET 2.



WITNESSES:

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INVENTOR:

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UNITED STATES PATENT OFFICE.

BENNO VOM EIGEN, OF NEWARK, NEW JERSEY, ASSIGNOR TO AUG. GOERTZ & CO., A CORPORATION OF NEW JERSEY.

BAG-FRAME.

1,005,178.

Specification of Letters Patent.

Patented Oct. 10, 1911.

Application filed February 2, 1911. Serial No. 606,070.

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-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 characters of reference marked thereon, which form a part of this specification.

The present invention has reference, generally, to bag-frames; and, this invention relates, more particularly, to a novel means for attaching a leather-covered member to a metal frame with which one of the frame-sections of the bag-frame is provided, and also to a novel means for securing said metal frame in which the leather-covered member is disposed, securely to the said frame-section.

The invention has for its further object to provide a neat bag-frame section in which a portion of the frame-section has the appearance of being leather-covered, and in which the heads of the greater portion of the rivets by means of which the bag-portion is secured to the frame-sections, are completely hidden from view.

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

With these various objects in view, the said invention consists, primarily, in the novel bag-frame hereinafter set forth; and, the invention consists, furthermore, in the novel arrangements and combinations of the various 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 clauses of the claim which are appended to and which form an essential part of the same.

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

Figure 1 is a face view of a bag-frame illustrating one embodiment of the principal features of the present invention, one side-portion of the bag-frame being represented as being broken away; Fig. 2 is a

transverse detail section, on an enlarged scale, said section being taken on line 2—2 of said Fig. 1, looking in the direction of the arrow *a*; Fig. 3 is a detail horizontal section, taken on line 3—3 of said Fig. 1; and Fig. 4 is a detail horizontal section, taken on line 4—4 of said Fig. 1, said Figs. 3 and 4 being also made on enlarged scales. Fig. 5 is a face view of one of the frame-sections of the bag-frame, with portions of the leg-members of the frame-section shown broken away, said view illustrating in connection therewith, a face view of the metal frame in which the leather-covered member is mounted, said member, however, being omitted from this view; Fig. 6 is a longitudinal section of said metal frame, taken centrally therethrough; Fig. 7 is a face view of the leather-covered member, showing a portion of said member provided with the leather coverings; and Fig. 8 is a central longitudinal section of the member represented in said Fig. 7.

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 the complete bag-frame, the same comprising a pair of hinged or pivotally connected bag-frame sections 2 and 3. The frame-section 2 is provided with the usual right-angled flange or projection 4, and, similarly, the frame-section 3 is provided with the usual right-angled flange or projection 5, the leg-portions or members 6 of the frame-section 3 being provided with suitably formed openings or perforations, as 7. Suitably secured upon the upper end-portions of said leg-members 6 and located directly over the central member 8 of the frame-section 3, (see the dotted outline in Fig. 5 of the drawings,) is a metal frame 9, said frame being surrounded upon the marginal edge-portions by a bead or other suitably raised element 10. One manner of securing said metal frame 9 in position, is by means of lips or tongues 11 which are forced rearwardly from the body of said frame, said lips or tongues being passed through the said openings or perforations 7, and being bent upon the backs of said leg-portions 6, and secured against the marginal edge-portions 12 of said leg-portions or members 6, as clearly illustrated in Figs. 3, 4 and 5

of the drawings. The mouth-portions of the bag, which are indicated by the reference-character 13, are secured to the frame-section 2 by means of an inlay 14 and the rivets or pins 15, and to the frame-section 3 by means of an inlay 16 and the rivets or pins 17, some of the said rivets or pins 17 being also arranged in the perforations or holes 18 with which the previously mentioned metal frame 9 is provided, so as to provide an additional means for securing said frame 9 in its position directly over the central member 8 of the said frame-section 3. The said metal frame 9 is also provided with a series of suitably disposed openings or holes, as 19 and 20, and a retaining web or bridge-like member 21 between each pair of said openings or holes 19 and 20, said retaining webs or bridge-like members being struck up from the metal body of said frame 9, and extending forwardly from the face of said body. As shown in Figs. 3 and 6 of the drawings, the said retaining webs or bridge-like members 21 have the planes of their faces angularly disposed with relation to the plane of the face of the frame 9, the highest portion of each web or member 21 being at the opening or hole 19, thereby providing a large receiving opening or entrance beneath each web or bridge-like member, for the purposes to be presently more fully described, and the lowest edge-portion of each web or bridge-like member being at the opening or hole 20, which arrangement serves to provide a perfect and a more efficient retaining edge, as will also be presently more particularly set forth.

The reference-character 22 indicates the previously mentioned leather-covered metal member, and 23 indicates the covering of leather or other suitable flexible material which is arranged upon the face of said member 22 and extends over and around the marginal edge-portions of said member 22, being suitably secured to the said member in any well-known manner. As shown, the said member 22 may be slightly dished, although this is not necessary, and is of such size and marginal configuration so that when it is placed in the metal frame 9, the bead or raised element 10 of said frame 9 will surround the said leather-covered member, substantially in the manner illustrated in said Figs. 1 to 4 inclusive. That the said member 22 may be positively mounted upon and secured to the said metal frame 9, the said member 22 has struck up from its body a series of rearwardly extending and angularly formed retaining lugs or fingers, as 24, said lugs or fingers being peculiarly bent, substantially as shown in said Figs. 3 and 8 of the drawings, each lug or finger being also provided upon its free end-portion with an inwardly

projecting hook-shaped end 25. In assembling these parts, the said hook-shaped ends of the fingers 24 are first inserted in the respective openings or holes 19 of the metal frame 9, and then by sliding the member 22 upon said metal frame 9, in the direction of the arrow y in said Fig. 6, each hook-shaped end 25 readily entering the large receiving opening at the highest point of the respective webs or bridge-like members 21. By continuing the sliding movement in the direction of said arrow y , the said fingers 24 are passed directly behind the said webs or bridge-like members 21, until the hook-shaped ends 25 of the retaining-lugs or fingers 24 each become arranged directly over an opening or hole 20, so that the hook-shaped ends 25 when pressed down into said holes or opening will be positively brought into holding engagement with the retaining edge-portions of the respective webs or bridge-like members 19, as clearly illustrated in Fig. 3 of the drawings. Of course it will be evident, that when the said leather-covered member 22 has in the above stated manner been secured to the metal frame 9, said member serves also as a means for hiding the rivet-heads or pins 17 from view, thereby providing a neat and slightly bag-frame, as is self-evident.

I am aware that some changes may be made in the general arrangements and combinations of the several 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 claims which are appended thereto. Hence, I do not limit my present invention to the exact arrangements and combinations of the various devices and parts, as described in the said specification, nor do I confine myself to the exact details of the construction of the said parts, as illustrated in the accompanying drawings.

I claim:

1. In a bag-frame, the combination with a frame-section comprising a central member and a pair of leg-members, said leg-members being provided with lug-receiving openings, of a metal frame upon which is mounted a covered member, and retaining lugs struck up out of said metal frame, said lugs being passed through said lug-receiving openings in said leg-members and bent upon the back and over the marginal edge-portions of said leg-members, substantially as and for the purposes set forth.

2. In a bag-frame, the combination with a frame-section comprising a central member and a pair of leg-members, said leg-members being provided with lug-receiving openings, of a metal frame upon which is mounted a covered member, and retaining lugs struck up out of said metal frame, said

lugs being passed through said lug-receiving openings in said leg-members and bent upon the back and over the marginal edge-
portions of said leg-members, and a series of
5 rivet-pins for additionally securing said metal frame to the central member of said frame-section, substantially as and for the purposes set forth.

3. In a bag-frame, the combination with a
10 frame-section, and a metal frame secured thereon, said frame being provided in its body with openings, and bridge-like members between said openings, of a cover-plate upon said metal frame, and retaining lugs
15 extending rearwardly from said cover-plate and struck up out of said plate, said lugs extending into and through said openings and being bent upon the back of said bridge-like members in retaining engagement there-
20 with, and a marginal bead surrounding said metal frame.

4. In a bag-frame, the combination with a frame-section, and a metal frame secured thereon, said frame being provided in its
25 body with openings, said openings being arranged in pairs, and a bridge-like member between each pair of openings, the planes of the faces of said bridge-like members being
30 angularly disposed with relation to the plane of the face of said frame, of a cover-plate upon said metal frame, and retaining lugs extending rearwardly and angularly
35 through said opening and having their angular portions in retaining engagement with said angular bridge-like members, substantially as and for the purposes set forth.

5. In a bag-frame, the combination with a
40 frame-section, and a metal frame secured thereon, said frame being provided in its body with openings, said openings being arranged in pairs, and a bridge-like member between each pair of openings, the planes
45 of the faces of said bridge-like member being angularly disposed with relation to the plane of the face of said frame, the highest portion of each bridge-like member form-

ing with the adjacent opening an enlarged receiving portion, and the lowest portion 50 of each bridge-like member forming with the adjacent opening a retaining edge-portion, retaining lugs extending rearwardly and angularly from said cover-plate and struck up out of said plate, the angular portion 55 of each retaining lug being arranged in an enlarged receiving opening, and in retaining engagement the back of an angular bridge-like member, and a hook-shaped end-portion upon each retaining lug in engage- 60 ment with the retaining edge portion of a bridge-like member, substantially as and for the purposes set forth.

6. In a bag-frame, the combination with a frame-section, and a metal frame secured 65 thereon, said frame being provided in its body with openings, said openings being arranged in pairs, and a bridge-like member between each pair of openings, the planes of the faces of said bridge-like members being 70 angularly disposed with relation to the plane of the face of said frame, the highest portion of each bridge-like member forming with the adjacent opening an enlarged re- 75 ceiving portion, and the lowest portion of each bridge-like member forming with the adjacent opening a retaining edge-portion, retaining lugs extending rearwardly and angularly from said cover-plate and struck up out of said plate, the angular portion of each re- 80 taining lug being arranged in an enlarged receiving opening, and in retaining engagement with the back of an angular bridge-like member, and a hook-shaped end-portion upon each retaining lug in engagement 85 with the retaining edge-portion of a bridge-like member, and a marginal bead surrounding said metal frame.

In testimony, that I claim the invention set forth above I have hereunto set my hand 90 this 30th day of January, 1911.

BENNO VOM EIGEN.

Witnesses:

FREDK. C. FRAENTZEL,

FREDK. H. W. FRAENTZEL.