







# UNITED STATES PATENT OFFICE.

WILLIAM ROEMER, OF NEWARK, NEW JERSEY.

## BAG OR SATCHEL FRAME.

SPECIFICATION forming part of Letters Patent No. 374,325, dated December 6, 1887.

Application filed May 25, 1887. Serial No. 239,300. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM ROEMER, 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 or Satchel 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 object of this invention is to facilitate the construction of bags or satchels and to provide a bag of greater neatness of appearance and one having a more perfect operation of the jaws thereof, as will be set forth.

The invention consists in the improved bag or satchel, and in the arrangement and combination of parts thereof, substantially as will be hereinafter set forth, and finally be embodied in the clauses of the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several figures of the two sheets, Figure 1, Sheet 1, is a plan of a portion of a bag or satchel, showing the jaws thereof wide open to illustrate the hinge-joints by which said jaws are connected. Fig. 2 is a sectional view of the same, taken through line *x*. Fig. 3, Sheet 2, is an elevation of a bag-frame in its closed relation. Fig. 4 is an end view of the same in connection with a portion of a bag-body. Figs. 5 and 6 are detail views of certain hinge-portions of the sections of a bag-frame. Figs. 7, 8, 9, 10, and 11 are detail views of a hinge-piece adapted to receive said hinge portions of said sections; and Figs. 12, 13, and 14 are detail views of a foot-piece adapted to cover the hinge to protect the same.

The invention relates more particularly to a detail construction of the hinge and said foot-piece.

In said drawings, A A' are the frame-sections of a bag, which in general construction are not novel. *b* is the body of said bag.

*c c* are hinge-pieces, to which the sections A A' of the frame are hinged, and *d* is a strap which passes across the bottom of the bag and from one hinge to the other. The said hinge-

pieces are riveted directly to the bottom plate, *c'*, of the foot-piece by means of a rivet, *c<sup>2</sup>*, the body-leather or other material of the bag being cut away to allow said hinge portion *c* to rest directly on said plate, by which arrangement the jaws or sections of the frame may be quickly secured together and the bag subsequently arranged in place with neatness and ease.

The hinge-piece *c* consists of a plate (shown in Fig. 9) the opposite ends of which are bent up at about the points indicated in dotted lines in said Fig. 9 to form ears *c<sup>3</sup>*, Fig. 8. The angular jaw-sections where they engage said plate *c* are bent, as indicated particularly in Figs. 5 and 6, one flange, *a'*, of which is cut square, as at *a*, so that when said section is raised to its closed position the said square-cut flange will serve as a stop which in the outer jaw-section engages the plate *c'* of the foot-piece, and the inner jaw-section engages the bottom portion or plate of the hinge-piece *c*, the said jaw-sections being thus in their closed movements prevented from passing beyond or much beyond a vertical relation to the said plate *c'* and bottom portion, as will be understood. In the outer jaw-sections the said stop-flange lies on the outer side of the outer ear, *c<sup>3</sup>*, of the plate, as shown in Fig. 1, and that of the inner jaw-section lies on the inner of the said ears, as shown in said Fig. 1. In both of these constructions I avoid the use of a peculiarly-irregular hinge-piece, such as shown in a prior application for patent, Serial No. 213,850, and secure a hinge-joint of greater strength. In the present device the jaw-sections alone are brought into hinged relation to the plate *c*, and the inlays *e* are simply brought to a point close to the hinge without entering into operative relation thereto. The second flange, *a<sup>2</sup>*, of the angular jaw-section is turned, as at *a<sup>4</sup>*, to pass around the hinged pin *c<sup>4</sup>*, said hinge-pin passing through both ears of the piece *c*, as in Fig. 11, through the eye *a<sup>4</sup>*, formed by turning the extremity of the flange, and through the hole *a<sup>5</sup>*, Fig. 6, formed in each square or angular flange *a'* of the jaw-section.

It will be observed upon viewing Fig. 1 that the stop-flange *a<sup>3</sup>* of the sections A A' are not in line, but the flange of the smaller section lies in a line within or back of the line of the outer



section. To make a neat joint between the outer faces of both of said flanges  $a'$  and the end plate,  $d'$ , of the foot-piece, and to avoid any unsightly gaps or openings between said parts, I have provided said end plate,  $d'$ , at the lateral edges thereof with inwardly-projecting ribs  $d^2$   $d^3$ , one of which,  $d^3$ , extends inward toward the face of the jaw-section farther than the other, the rib or projection having the greater extension corresponding with the inner jaw, so that the edges of said inwardly-extending ribs will close to their respective flange, making a neat joint when the bag is viewed from either direction. The hollow or recess  $d^4$ , formed between the ribs of the said end plate, not only lengthens the casting, but serves as a receptacle for the projecting ends of the hinge-pins or rivets  $c^4$ . The cross-bar  $d$  abuts against the inner face of the under ears,  $c^3$ , of the hinge-pieces and is riveted to the bottom plates,  $c'$ , of the foot-piece, the body-leather or material of the bag passing between. By this construction the body-leather or material may be of any desired thickness without affecting the parallel relation of the end plates,  $d'$ , of the foot-pieces to the outer faces of the flanges  $a'$  of the jaw-sections.

Having thus described the invention, what I claim as new is—

30 1. In a bag-frame substantially such as described, the combination, with a suitable hinge-piece, of sections A A', having flanges  $a'$   $a^3$ , one of which is turned to form an eye,  $a^4$ , and the other of which is cut square at  $a^3$ , substantially as and for the purposes set forth.

2. In combination, in a bag-frame, the hinge-piece  $c$ , having ears  $c^3$ , adapted to receive the jaw-sections A A', and a foot-piece having a

plate,  $c'$ , the said hinge-piece being riveted directly upon the said plate  $c'$ , substantially as set forth. 40

3. In combination, in a bag-frame, the sections A A', having flanges  $a'$   $a^3$ , one of which is turned at  $a^4$ , hinge-pieces  $c$ , having ears  $c^2$   $c^3$ , the flange  $a'$  of the section A lying against the inner side of the ears  $a^3$ , and the flange  $a'$  of the section A' lying on the outer side of the said ear  $a^3$ , and suitable hinge-pins or rivets, substantially as set forth. 45

4. In combination with the hinged jaw-sections A A', the foot-piece  $c$ , secured at the pivotal ends of said sections and having the end plate,  $d'$ , with one lateral edge extending inward toward the outer face of the said jaw-section farther than the other, substantially as set forth. 50 55

5. In combination with sections A A' of a bag-frame suitably pivoted together, a cross-bar,  $d$ , and a foot-piece secured to said cross-bar and having an end plate extending upward at the side of said sections and provided with ribs  $d^2$   $d^3$ , one having a greater inward projection than the other, substantially as set forth. 60

6. In combination with the jaw-sections A A', hinge-piece  $c$ , rivets  $c^4$   $c^4$ , foot-pieces having plates  $c'$  and  $a'$ , and rod or bar  $d$ , passing from one plate  $c'$  to the other, but not passing beneath the hinge-pieces  $c$ , substantially as set forth. 65

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of May, 1887. 70

WILLIAM ROEMER.

Witnesses:

CHARLES H. PELL,  
OSCAR A. MICHEL.