

(No Model.)

A. GOERTZ.
SATCHEL OR BAG FRAME.

No. 303,722.

Patented Aug. 19, 1884.

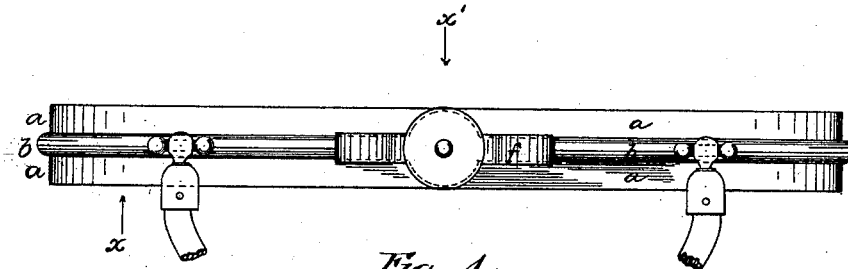


Fig. 1.

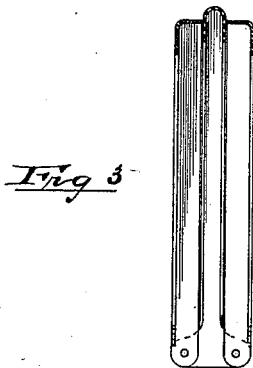


Fig. 3.

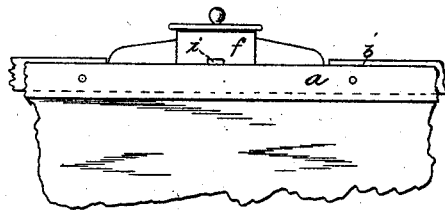


Fig. 2.

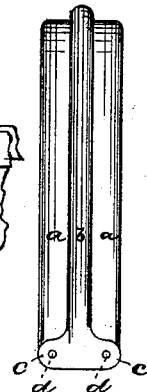


Fig. 4.

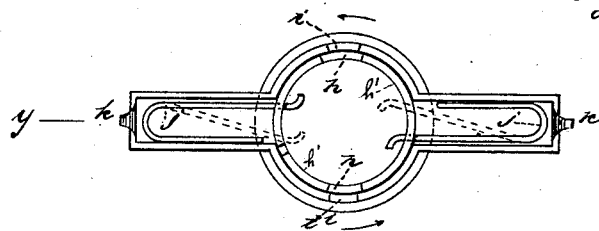


Fig. 5.

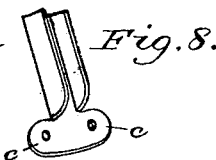


Fig. 8.

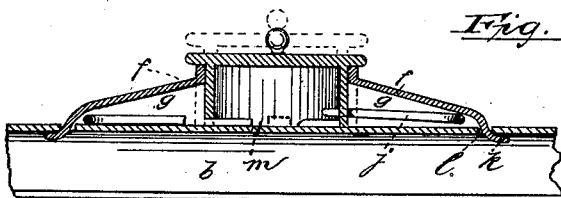


Fig. 6.

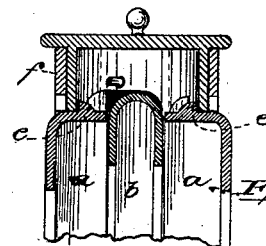


Fig. 7.

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UNITED STATES PATENT OFFICE.

AUGUST GOERTZ, OF NEWARK, NEW JERSEY.

SATCHEL OR BAG FRAME.

SPECIFICATION forming part of Letters Patent No. 303,722, dated August 19, 1884.

Application filed April 24, 1884. (No model.)

To all whom it may concern:

Be it known that I, AUGUST GOERTZ, 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 Satchel 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 object of this invention is to increase the utility of a satchel or bag frame, to render the same more convenient, and to allow the said frame to be more readily manufactured.

It consists in the arrangements and combinations of parts, substantially as will be hereinafter set forth, and finally embodied in the clauses of the claim.

Referring to the accompanying drawings, in which similar letters of reference indicate like parts in each of the several figures, Figure 1 is a plan of a bag or satchel frame. Fig. 2 is a side view of the middle portion of the same. Fig. 4 is an end view; Fig. 3, a section taken through line *x*; Fig. 5, an inverted plan of the locking or catching mechanism; Fig. 6, a section through line *y*; Fig. 7, a section through line *x'*, and Fig. 8 a detail perspective view of one of the ends of the mid-section.

In carrying out the invention I form the bag-frame of three sections, *a a b*, the latter being a mid-section, \cap -shaped when viewed in cross-section, the top of which projects slightly above the adjacent sections *a a*. Said sections *a a* are approximately right angular in cross-section, and abut against the sides of the \cap -shaped portion, as shown, said sides furnishing a wide seat or abutment for the said edges, so that the parts need receive but little care in adjusting them. The ends of the mid-frame are provided with laterally-projecting pivotal ears *e e*, to which the side sections, *a a*, are riveted apart to secure a passage between, so that a metal frame bordering the usual partition leather or fabric can slide between the ends of said sections *a a* up into the socket

formed by the \cap -shaped mid-frame, thus overcoming the difficulties experienced when the sections are pivoted on a single rivet, it then being, in small work, impossible to slide the frame into position. The side frames, *a a*, are each provided with holding-lugs *e e*, having oppositely-inclined edges. To engage said lugs I secure upon the mid-section *b* a box, *f*, having a notched cylindrical center with laterally-extending spring-chambers *g g*. Rotating in said center is a cylindrical finger-piece having notches *h h* in the edges thereof adapted to correspond with the notches *i i* in the box *f*, and projections *k k*, adapted to cover said notches *i i*, and thus prevent an exit-passage of the holding-lugs. Said rotating finger-piece is also perforated or recessed to receive the ends of springs *j j*, which latter normally hold the finger-piece down on the frame *b*, and in a locked relation to the box *f*. Said box is secured to the mid-section by fastening-tongues *k*, which are arranged in the openings *l*.

The operation of the catch is substantially as follows: When the side sections are closed together, either simultaneously or otherwise, the inclined edges of the lugs *e e* engage with the projections *m* and throw the cylindrical finger-piece upward, as in Fig. 6, until said lugs pass the edges of the cylindrical finger-piece, when the spring *j* causes the said cylindrical finger-piece to fall into holding engagement with said lugs *e*. The said spring also causes the projection to cover the notches in the box. To unlock the bag, the finger-piece is turned until the notches in the box correspond with those in the finger-piece, when the lugs *e e* on the frames *a a* have free passage through them, so that the bag may be opened. By this construction both sections of the bag-frames *a a* may be unlocked simultaneously by a single turning of the rotating piece.

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

1. In a triple-section bag or satchel frame having secured to the mid-section a box, *f*, having spring-chambers and notches, a rotating notched finger-piece engaging with the side sections, and a spring or springs, and the said side sections having catches to receive the

finger-piece, all said parts being arranged, combined, and operating substantially as and for the purposes set forth.

2. In a triple-section bag-frame, the combination of the mid-section bent double or U-shaped to receive a partition fabric, and its bordering frame, and having laterally-projecting ears *c c*, and outer sections, *a a*, pivoted upon independent pivots upon said ears, the ends of said outer sections being separated to allow the passage of the said partition fabric and frame therebetween, substantially as set forth.

3. In a bag-frame, the combination, with a mid-section and outer sections arranged at each side thereof, of a pivoted spring-catch arranged to rotate on said mid-section, for the purpose of engaging with the outer sections to hold the same, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of April, 1884.

AUG. GOERTZ.

Witnesses:

CHARLES H. PELL,
F. F. CAMPBELL.