

C. HIERING & A. FULLER.
BAG FASTENER.
APPLICATION FILED DEC. 14, 1908.

939,257.

Patented Nov. 9, 1909.

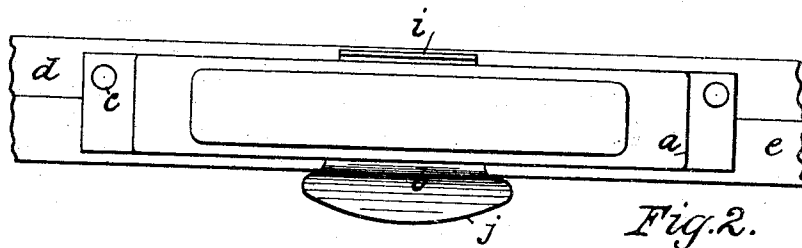


Fig. 2.

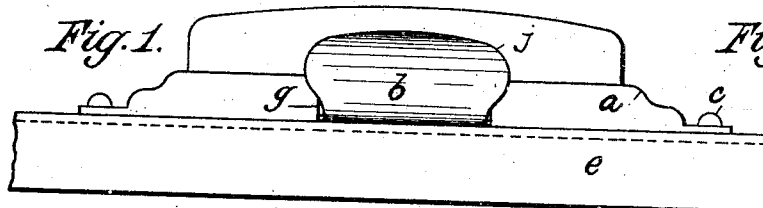


Fig. 1.

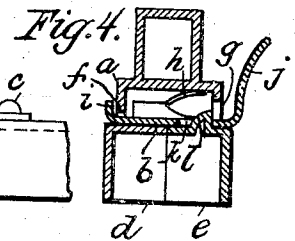


Fig. 4.

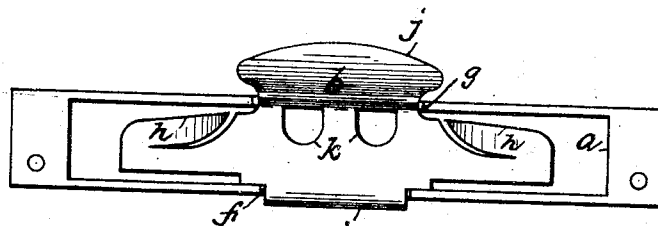


Fig. 3.

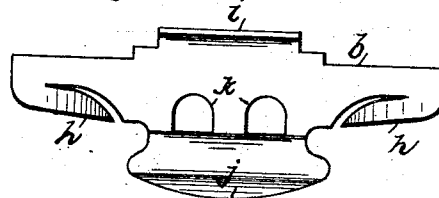


Fig. 5.

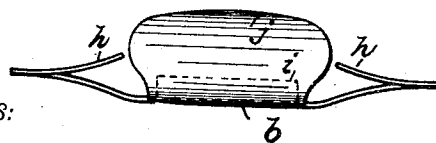


Fig. 6.

WITNESSES:

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UNITED STATES PATENT OFFICE.

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BAG-FASTENER.

939,257.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, CHRISTIAN HIERING and ALBERT FULLER, citizens of the United States, residing in the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bag-Fasteners, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make, construct, 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 our invention is to construct a fastener for use upon bags, pocket books, and other similar devices, the same comprising preferably a chambered base, having a recessed or cut out portion in its front and rear walls, and provided with a spring catch member, thereby producing a neat appearance with no possibility of becoming inoperative through careless manipulation.

In carrying out our invention, we make use of the structure illustrated in the accompanying drawings, in which—

Figure 1 represents a front elevation of one form of the fastener in which we have embodied our invention. Fig. 2 is a top plan view of the same. Fig. 3 is a bottom plan view. Fig. 4 is a vertical section taken on line $x-x$ of Fig. 1. Fig. 5 is a plan view of the operating spring-catch; and Fig. 6 is a front elevation of the same.

Similar letters of reference refer to like parts throughout the specification and drawings.

In the structure illustrated, we make use of but two separate parts, namely, the chambered base a and the combined spring and catch member b . The chambered base a which may be of any desired form or configuration, is rigidly secured by means of the rivets c to one of the bag frame members as d .

The front and rear walls of the chambered base a are recessed or cut away as at f and g , for the reception of the rectangular limbs or flanges of the combined spring and catch member b .

The combined spring and catch member b is formed from a single flat piece of metal centrally chambered as illustrated and hav-

ing the integral inturned spring tongues h formed by cutting away from points remote from the ends of the piece of metal toward the ends as illustrated in Fig. 5, with such tongues upwardly bent in opposite directions from the camber of the metal. The inner ends of the spring tongues h are designed to bear against the upper and inner surfaces of the chambered base a .

i is a rectangular limb or flange extending from one side of the combined spring and catch member adapted to pass through the cut away portion f of the chambered base a , serving as an admirable means for preventing accidental separation of the catch member from the base when the parts are assembled, through careless manipulation, and j is a finger piece of any convenient design extending from the other side of the combined spring and catch member and adapted to operate in the cut away portion g of the base a .

In the forward portion of the catch member b , we have provided the indentations k to receive corresponding projections l upon the bag frame member e , so that when the bag frame members are closed as illustrated in the several figures, such projections will be received into the indentations k and firmly secure the bag frame members in locked position. If pressure now is brought to bear upon the finger piece j , said finger piece will be pressed toward the chambered base a , swinging about the corner of the rectangular limb or flange i , as a fulcrum, thereby elevating the forward portion of the combined spring and catch b and causing the indentations k to clear the projections l upon the bag frame member e . This particular form of catch with the rectangular flange or limb i passing through the cut away portion f of the base a when in place on the bag frame member will not become inoperative or separated from the base a through careless manipulation.

It will thus be seen that we have provided a fastener in which we have reduced the actual number of parts to two, and that when assembled, and in position upon a bag frame or other device, the possibilities of the parts becoming separated by careless manipulation have been reduced to a minimum. The parts are of such shape as to lend them-

selves readily to manufacture by the use of suitable punches and dies from ordinary sheet metal.

We claim:

- 5 1. In a bag fastener, the combination of a chambered base and a catch member having a spring integrally formed therewith, one limb of said catch member fulcrumed and extending through a cut-away portion in the rear wall of said base, the other limb of said catch member extending through a cut-away portion in the front wall of said base.
- 10 2. In a bag fastener, the combination of a base having a chamber in its underside, and having a portion of its front and rear walls cut-away, and a catch member having a spring integrally formed therewith fulcrumed and extending through the cut-away portion in the rear wall of said base, the
- 15 20 other limb of said catch member extending through the cut-away portion in the front wall of said base.
3. In a bag fastener, the combination of a chambered base, a catch member having a
- 25 spring integrally formed therewith, one limb

of said catch member fulcrumed and extending through a cut-away portion in the rear wall of said base, the other limb of said catch member extending through a cut-away portion in the front wall of said base, and integral spring tongues formed on said catch member designed to bear against the upper and inner surface of the chambered base.

4. As a new article of manufacture, a catch member consisting of a piece of metal having a spring integrally formed therewith, intumed spring tongues cut away from the body of said piece of metal and integral flanges extending from said piece of metal.

5. As a new article of manufacture, a catch member having a spring integrally formed therewith and integral limbs extending from said catch member.

This specification signed and witnessed this 11th day of December 1908.

CHRISTIAN HIERING.
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Witnesses:

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