(No Model.)

A. GOERTZ.

BAG FRAME CATCH.

No. 571,159. Patented Nov. 10, 1896.

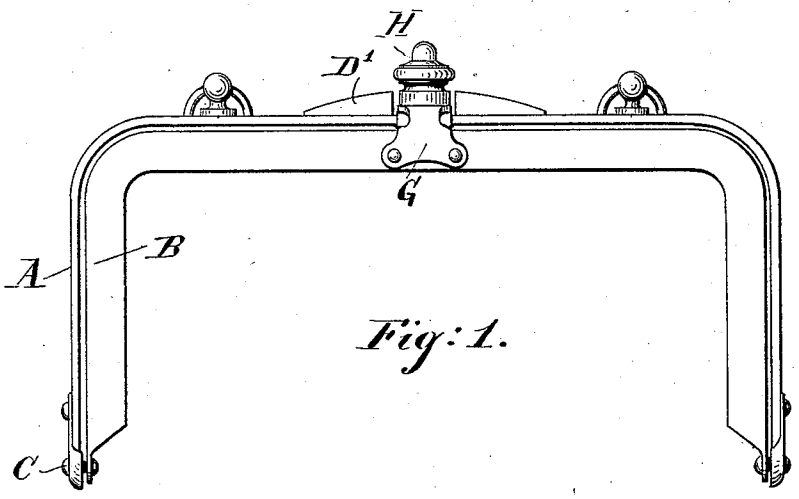


Fig: 1.

Fig: 2.

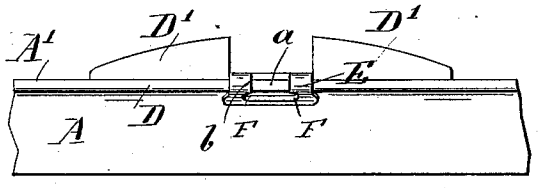


Fig: 3.

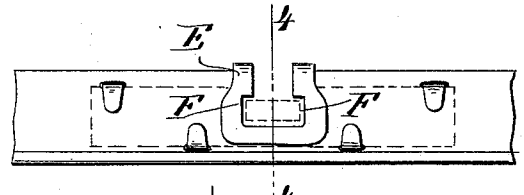
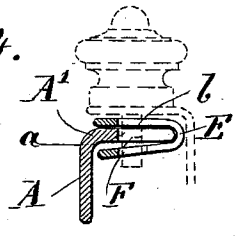
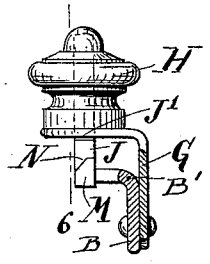


Fig: 4.





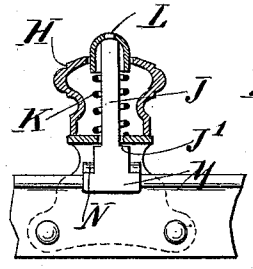


Fig: 6.

Fig: 5.

Witnesses
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

AUGUST GOERTZ, OF NEWARK, NEW JERSEY.

BAG-FRAME CATCH.

SPECIFICATION forming part of Letters Patent No. 571,159, dated November 10, 1896.

Application filed December 18, 1895. Serial No. 572,503. (No model.)

To all whom it may concern:

Be it known that I, AUGUST GOERTZ, a citizen of the United States, and a resident of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bag-Frame Catches, of which the following is a specification.

This invention relates to improvements in catches or locks for the frames applied on bags, such as, for example, chatelaine-bags, belt-bags, and the like.

The object of my invention is to provide a new and improved catch which is simple in construction, strong and durable, holds the bag securely closed even when the bag is filled to its utmost capacity, and which catch can easily be opened by the use one hand only.

The invention consists in the construction and combination of parts and details, as will be fully described and set forth hereinafter, and finally pointed out in the claims.

In the accompanying drawings, forming a part of this specification and in which like letters of reference indicate like parts in all the views, Figure 1 is a side view of a bag-frame provided with my improved catch. Fig. 2 is an interior view of one frame-section, showing the recessed part of the catch. Fig. 3 is a view of the under side of said frame at the recess. Fig. 4 is a vertical transverse sectional view on the line 4 4 of Fig. 3. Fig. 5 is a vertical transverse sectional view through the other frame-section and side view of the bolt and head. Fig. 6 is a vertical longitudinal sectional view on the line 6 6 of Fig. 5.

The U-shaped flanged frame-sections A and B are pivoted to each other at their ends by the rivets C, the frame B being adapted to close within the frame A in the usual manner.

The flange A′ of the outer frame-section A is provided at the center of said section with the recess *a*, and the recessed part of the flange is reinforced by a metal fitting D, held by rivets on the top of the flange and having two beveled bosses D′, one at each side of the recess *a*, and a recess *b* between said bosses, which recess *b* registers with the recess *a*.

The fitting D is provided with a lip E, which is recessed and folded on the under side of the flange A′ and held a short distance from the same and slightly inclined from the outer edge of the flange inward.

The recess in the lip E is provided at its inner end with the two side pockets F.

A L-shaped clip G is riveted to the outer side of the frame-section B in such a manner that the upper rectangular shank is some distance above the flange B′ of the frame-section B and extends over the same, as shown in Fig. 5.

A hollow head H is fastened to said rectangular shank, and in the same a bolt J is guided to slide up and down, which bolt is pressed upward by a spring K, surrounding it within the head.

A knob L is formed on the upper end of the bolt and projects through an aperture in the top of the head H, in which aperture it is guided.

The bolt J has shoulders J′ at its lower end to limit its upward movement, and below said shoulders it has opposite side lugs M, provided with bevels N on their upper edges.

The operation is as follows: When the frame-section B is folded against and into the frame-section A, the bevels N of the lugs M strike the beveled lip E, and thereby the bolt J is pulled downward until the lugs M arrive at the pockets F in the sides of the recess in the lip E, when the bolt J snaps upward under the action of the spring K, the lugs M passing into said pockets, whereby the two frame-sections are locked securely together. To open the bag or satchel, the knob L, projecting from the top of the head H, is pressed downward, whereby the lugs M are forced downward and out of the pockets F, thus unlocking the frames and permitting of moving the frame-section B out of and from the frame-section A by means of the thumb that depressed the knob L.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination with two flanged pivoted frame-sections, of a fitting secured on the flange of one section and provided with a recessed lip bent under said flange and having pockets at its inner end, a head on the other frame-section, a spring-pressed bolt in said

head, which bolt is provided at its lower end with lugs that can enter the pockets in the lip on the other frame, substantially as herein shown and described.

2. The combination with two pivoted flanged U-shaped frame-sections, one of them having a recess in the edge of its flange, of a fitting on said recessed flange, which fitting has a recessed lip bent under the flange and inclined inward and downward and provided at its inner end with pockets, a head on the other frame-section, a spring-pressed bolt in said head and side lugs on the lower end of said bolt, which lugs have their upper edges beveled, substantially as herein shown and described.

3. The combination with two flanged pivoted U-shaped frames of which one is provided with a recess and at said recess with pockets in its under side for receiving lugs of a bolt, a head on the other frame-section, a spring-pressed bolt in said head and side lugs on the lower end of said bolt, substantially as herein shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 16th day of December, 1895.

AUGUST GOERTZ.

Witnesses:
OSCAR F. GUNZ,
N. M. FLANNERY.