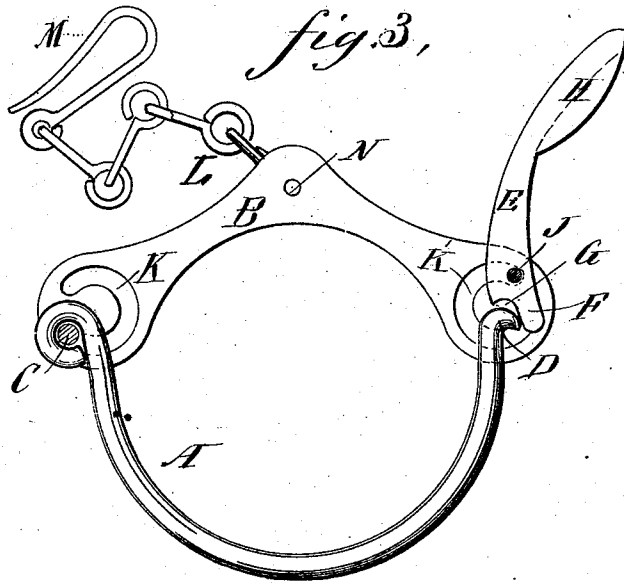
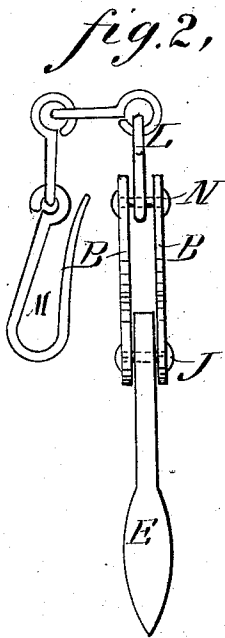
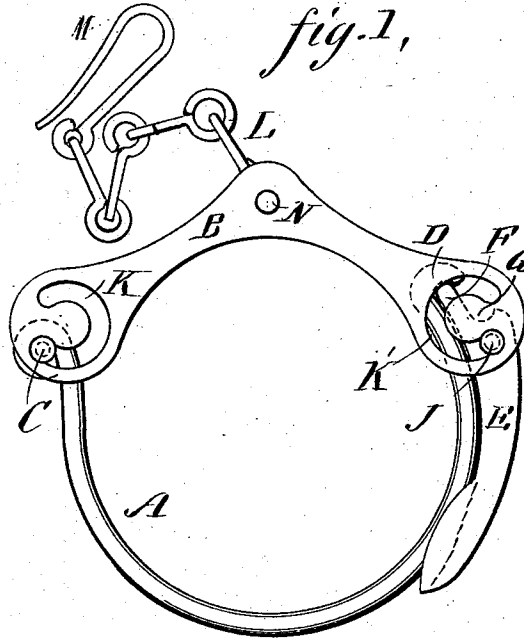


(No Model.)

C. W. BRADFORD.
BAG FASTENER.

No. 287,755.

Patented Oct. 30, 1883.



WITNESSES:

Chas. J. Howell,
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INVENTOR:

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BY

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UNITED STATES PATENT OFFICE.

CHARLES W. BRADFORD, OF BELFAST, ASSIGNOR TO HIMSELF, AND
CHARLES E. LANE, OF BROOKS, MAINE.

BAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 287,755, dated October 30, 1883.

Application filed February 15, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. BRADFORD, of Belfast, in the county of Waldo and State of Maine, have invented a new and Improved Bag-Fastener, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved device for closing and fastening bags.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal elevation of my improved bag-fastener, showing it closed. Fig. 2 is an end elevation of the same, showing it closed. Fig. 3 is a longitudinal sectional elevation of the same, showing it opened.

A circularly-curved spring, A, is pivoted at one end between two cross-pieces, B, by a rivet, C, and the outer end of the curved spring is provided with an outwardly-projecting bend or hook, D, and is adapted to be passed between the ends of the cross-pieces B opposite those to which the spring A is pivoted. Between those ends of the cross-pieces B opposite those to which the spring A is pivoted a locking-lever, E, is pivoted by means of a rivet, J, which lever is provided with a short prong, F, forming a continuation of the inner edge of the lever E, and a recess, G, is formed at the base of the prong F in the outer edge of the lever E. The lever E has two side flanges, H, projecting toward the curved spring, to form a longitudinal recess or groove in the inner edge of the locking-lever E. The rivets C and J are passed through circular slots K, K' in the ends of the cross-pieces B. A hook, M, is attached to a chain, L, fastened to a pivot, N, passed through the cross-pieces between the ends, which hook is used to hold the fastener to the bag and prevent losing the fastener when it is not in use.

The operation is as follows: The fastener is

opened by raising the lever E, as shown in Fig. 3, whereby the prong F and the shoulder formed by the recess G will press the free end of the curved spring out from between the ends of the cross-pieces B. The upper end of the bag is then gathered, and the cross-pieces B and the curved spring A are passed around the gathered part of the bag, the free end of the curved spring being passed a short distance in between the ends of the cross-pieces B. By swinging or pressing the lever E down against the curved spring A, the end of the prong F passes under the hook D, and presses or forces the hook end of the spring A in between the ends of the cross-pieces and past the rivet J. The free end of the spring A presses outward the end of the prong F, and thereby presses the long end of the lever E against the spring A, thereby locking the lever E in place and locking the fastening. The flanges H prevent lateral displacement of the lever E. If the rivets C and J are moved to the upper ends of the curved slots K, K', the fastening will be decreased in size, and will be adapted for smaller or thinner bags. If only the rivet C or J is passed to the upper end of a slot, K or K', the fastening will be adjusted for medium bags. The fastening can thus be adjusted for bags of three thicknesses or sizes.

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

In a bag-fastener, the combination, with the cross-pieces B, provided with curved slots K, of the curved spring A, the rivet C, passed through slots K, the locking-lever E, and the rivet J, passed through the lever E and through slots K', substantially as herein shown and described, and for the purpose set forth.

CHARLES W. BRADFORD.

Witnesses:

MAITLAND B. SMITH,
JOSEPH WILLIAMSON.