

W. P. & J. E. B. MAXSON.

Bag Fastener.

No. 18,099.

Patented Sept. 1, 1857.

Fig: 1.

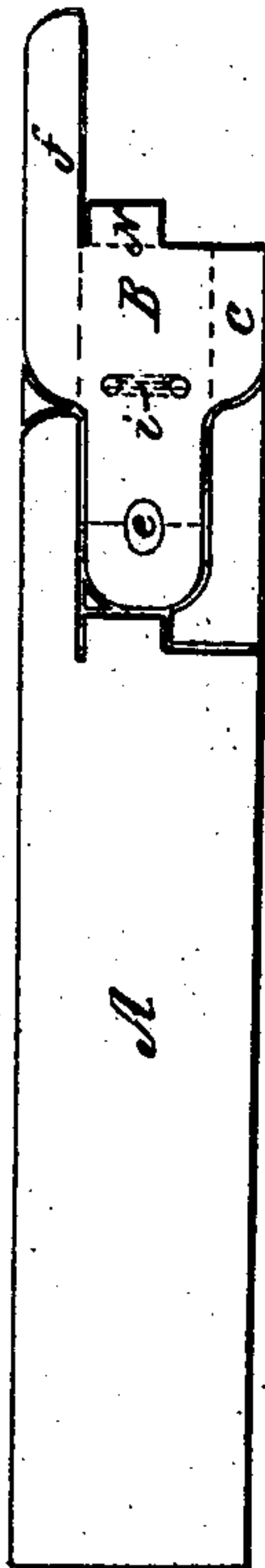


Fig: 3.

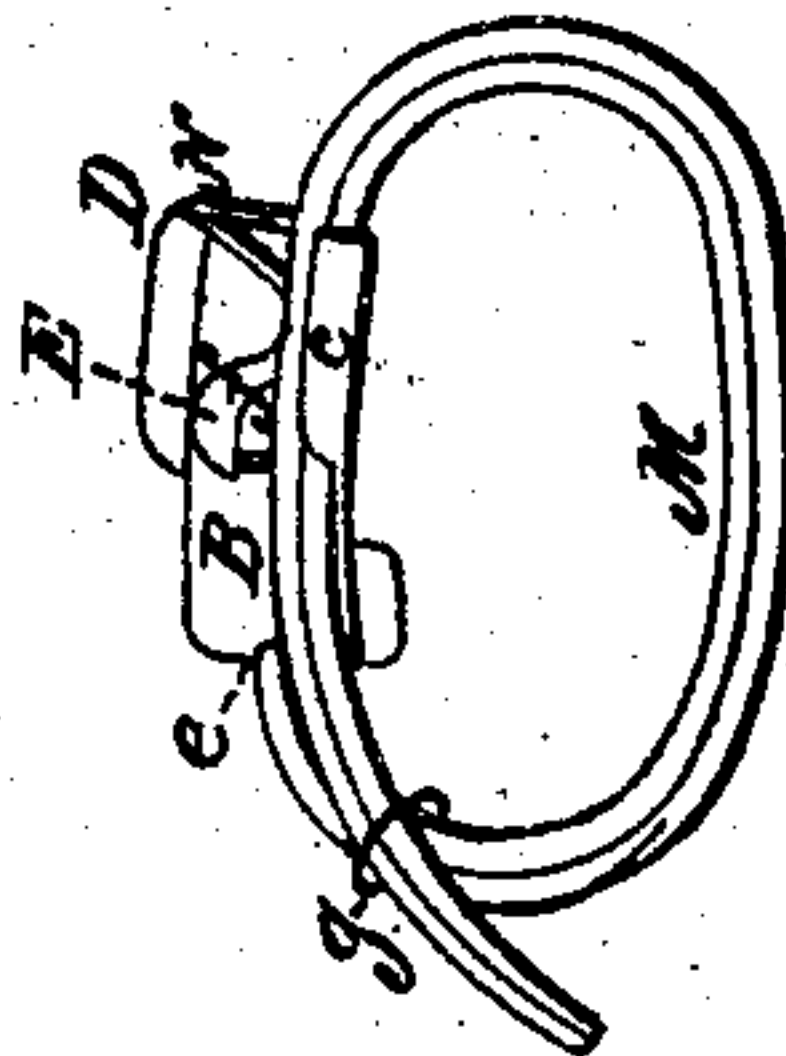


Fig: 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

WM. P. MAXSON AND J. E. B. MAXSON, OF ALBION, WISCONSIN.

SACK-FASTENER.

Specification of Letters Patent No. 18,099, dated September 1, 1857.

To all whom it may concern:

Be it known that we, WM. P. MAXSON and J. E. B. MAXSON, of the town of Albion, county of Dane, and State of Wisconsin, have invented a new and Improved Manner of Constructing Bag-Fasteners; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawings, making a part of this specification, the same letters of reference indicating corresponding parts in each figure.

The nature of our invention consists in constructing a bag or sack fastener by cutting and bending a single piece of sheet or plate metal in proper shape and bending or swaging it so as to form a base,—resisting wall or projection,—and springs; with a space between the wall and spring into which the bag string is tightly drawn, the spring being in a curved form, and attached to the front part of the fastener, opposite the wall, the outward pressure of the grain or other contents of the bag tends to tighten the grip of the wall and spring on the string, the wall and spring each being provided with lateral flutings, teeth or grooves, which act as a vise or jaws in securing the string.

To enable others skilled in the art to make and use our invention, we proceed to describe it.

A, in Figure 1, is a plate of suitable width and thickness for cutting the pieces for the fastener.

B, is a piece cut from the plate, of suitable form to be bent or swaged into shape.

C, in Figs. 1, 2, and 3, is a part that projects perpendicularly from the base, and forms the wall, against which the spring *f*, presses the string M, as seen in Fig. 3.

The dotted lines in Fig. 1, show the points or places where the plate is bent upward from, and forming a right angle with, the base. The spring *f*, as seen in Figs. 2 and 3, is curved and extends near the wall *c*, and is protected from injury or accident by the

projection N, the spring *f*, wall *c*, and projection N being near the same height from the base B.

The spring *f*, is part of the plate and is separated from it only as far as the angle D, in Figs. 2 and 3, and moves freely on the upper surface of base B, but extends obliquely toward the wall *c*, so that the string M, (one end of which is fastened in the hole *e*, and passed around the mouth of the bag or sack,) is drawn into the aperture or space between the wall and spring, the spring pressing it firmly against the wall and holds it securely, the greater the outward pressure of the contents of the bag, the more firmly the spring presses the string; the end of which is, for safety, passed through the ring of wire *g*.

Figs. 1 and 2, *i* is an oblong indentation at each end of which is a hole for the purpose of sewing the fastener to the bag, while the rear end of the fastener is curved under at the dotted lines at *e*, at which point one end of the bag string is permanently fastened.

E is the termination of the spring *f*, and forms a handle which when pressed in an opposite direction from the wall *c*, enlarges the aperture or space between the wall and spring, and the string is instantly loosened and the bag unfastened.

What we claim as our invention and desire to secure by Letters Patent is:

A bag or sack fastener consisting of a spring tongue pressing the string against a side flange or projection, so as to form a self holding nipper clutch, when the said sack fastener is made of a single piece of metal cut and bent in the manner substantially as herein described.

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Witnesses:

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