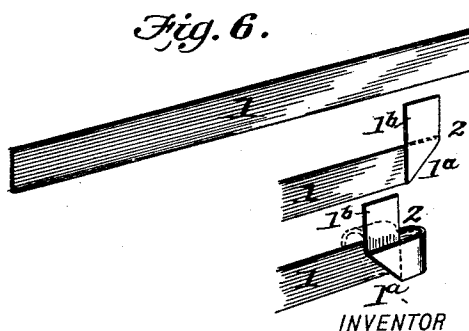
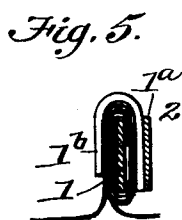
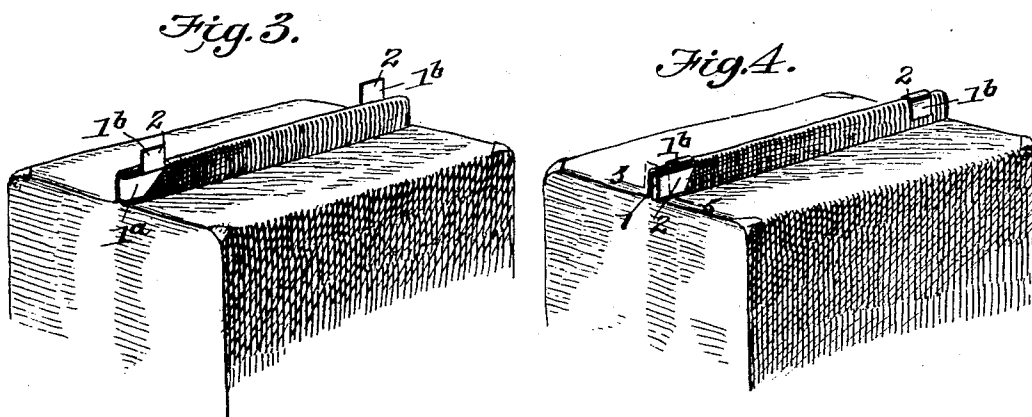
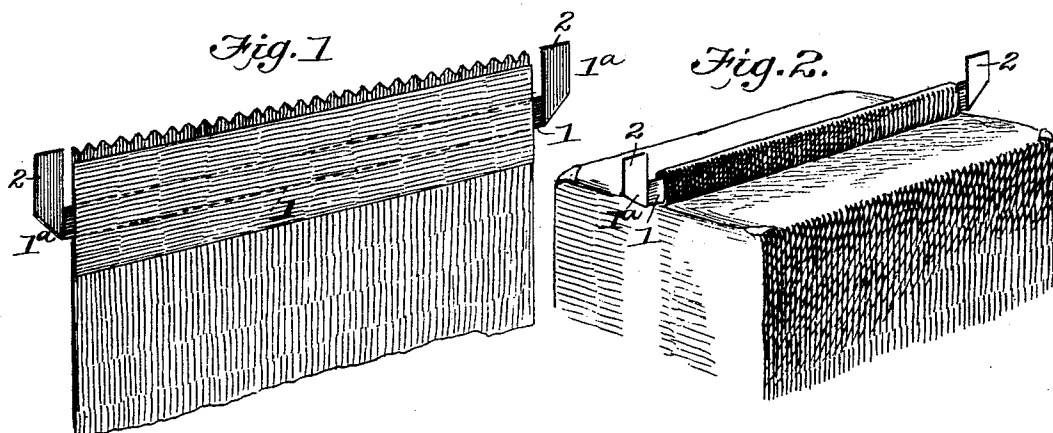


(No Model.)

O. M. CHESNEY.
PAPER BAG FASTENER.

No. 587,928.

Patented Aug. 10, 1897.



WITNESSES:
L. Dieterich
J. E. Ruckelt

INVENTOR
Oliver M. Chesney.
BY
Thos. G. Dieterich & Co.
ATTORNEYS

UNITED STATES PATENT OFFICE.

OLIVER M. CHESNEY, OF TOPEKA, KANSAS, ASSIGNOR TO THE MANSFIELD MANUFACTURING COMPANY, OF ARAPAHOE COUNTY, COLORADO.

PAPER-BAG FASTENER.

SPECIFICATION forming part of Letters Patent No. 587,928, dated August 10, 1897.

Application filed March 2, 1897. Serial No. 625,742. (No model.)

To all whom it may concern:

Be it known that I, OLIVER M. CHESNEY, residing at Topeka, in the county of Shawnee and State of Kansas, have invented a new and
5 Improved Bag-Fastener, of which the following is a specification.

My invention relates to bag and parcel fasteners for securing packages, parcels, &c., without use of cord, and it refers more particularly to that class of fasteners formed of
10 a sheet-metal body secured to the mouth of the bag.

The invention primarily has for its object to provide a fastener of this character embodying the elements of cheapness, neatness,
15 practicability, and which can be easily applied to the end of the bag and quickly secured in a fastening condition.

My invention also seeks to provide a sheet-metal fastener which can be attached to the sack and bent up as the sack is being filled,
20 thereby giving the sack a mouth that will not collapse and which can be rolled up tight with the bag to make a square package.

Further objects and advantages of this invention will hereinafter appear; and such invention consists in a fastener means consisting of the peculiar and novel arrangement
25 of parts, such as will be first described, and then be specifically pointed out in the appended claims, reference being had to the accompanying drawings, in which—

Figure 1 is a view of the upper end of the bag with the fastener-band secured thereto
35 and its ends bent out to their first or normal position. Fig. 2 illustrates the upper end of the bag turned over in folds and the fastener-band having its ends turned up at right angles to the body. Fig. 3 is a similar view showing
40 the ends of the fastener-band bent back upon themselves. Fig. 4 illustrates the fastener ends bent to their final or locking position. Fig. 5 is a cross-section taken on the line 5 5 of Fig. 4; and Fig. 6 is a detail view of the
45 band, illustrating the different bends necessary to form the complete fastener.

In its practical construction my improved fastener consists of a sheet-metal body, preferably tin, and it comprises an elongated
50 strip 1, the sides and ends of which are parallel. This band or strip 1 is of a length greater than the width of the bag, and in

practice it is preferably attached to one of the sides of the mouth of the bag, near the upper end, as clearly shown in Fig. 1, the
55 extensions 1^a 1^b being of such length as to admit of their receiving the several bands or folds hereinafter referred to.

To form a convenient means for holding the bag during filling or otherwise, the ends
60 1^a are turned up at right angles to form vertical members 2, which extend up, preferably above the upper end and at the edge thereof, as shown. After the sack is filled, by gripping the end members 2, if the strip 1 is made
65 fast to the bag, and turning the said strip the upper end of the bag will be rolled up in folds upon the strip and gathered at the top, and when so folded or gathered the extensions 2 are bent inward, the one at one end
70 preferably in a direction opposite to the one at the other end, so that the strip 1 at the ends is bent upon itself, as shown in Fig. 2, to clip the ends of the gathered upper end or mouth of the bag. When in this position, it
75 will be noticed that the upper ends of the extensions 1^a still project above the upper edge of the bag, as at 1^b. These extremities are utilized as the means for securely fastening the upper end of the bag, as such ends
80 1^b are bent over the top of the bag in reverse directions and form lock-clips, as clearly shown in Figs. 4 and 5.

By providing a straight piece of metal band having a length relatively to the width of the
85 bag to project sufficient at each end to admit of the several folds or bends being made, it is obvious the same can be produced at a minimum cost, as there is absolutely no waste of material in the manufacture thereof. Furthermore, by providing a fastener of a single
90 strip of tin, having its ends adapted to be folded in the manner described, the upper end of the bag is secured and strengthened at the edges of the mouth, the point where
95 the bag usually tears out, and also at the top, as the upper end is a gathered or rolled solid base-strip, to which it is tightly held by the horizontal loop portions lapping over the side
100 edges and also by the vertical lock-loops which pass over the upper gathered edge of the bag, the latter loops forming, as it were, an essential feature of this invention, as they practically serve as lock or fastening means for

holding the entire parts to their assembled position, such result being found especially advantageous in cases where the strip 1 is not secured bodily to the upper end of the bag, as in some instances it may be found desirable, on the score of economy and rapidity of securing the fastener to the bag, to merely roll up the body in the upper end of the bag without securing it positively thereto. In this case it will be manifest the last or lock loops will serve to join the fastener-strip 1 and the bag positively together.

It will be understood my improved fastener may be constructed of any desirable size as the character of the bags to which it is to be attached may require.

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

1. As an article of manufacture, a fastener for the purposes stated, comprising a strip of pliable material of a length sufficiently greater than the width of the bag to which it is to be attached to admit of its ends being folded, first upward at right angles, then such

folded end bent inward over the edges of the bag, and then the upper end of the angle extensions down over the top of the bag, substantially as and for the purposes shown and described.

2. The combination with the bag, of a pliable strip held therein near the upper end at one side said strip having its ends bent upon itself over the edges of the bag, and then upward and over the top of the bag to form fastener-clips, as specified.

3. The combination of the bag having its upper end gathered in horizontal folds, a strip of pliable material held in such folds, said strip having its ends projected beyond the side edges of the bag, bent upon themselves over the edges of the bag, then upward at right angles, with their extremities again bent down over the top of the bag as specified.

In testimony whereof I affix my signature in presence of two witnesses.

OLIVER M. CHESNEY.

Witnesses:

L. B. KENDALL,
E. S. QUINTON.