

(No Model.)

D. E. SWEET.

DEVICE FOR FASTENING PAPERS, &c.

No. 302,053.

Patented July 15, 1884.

Fig. 1.

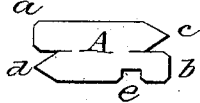


Fig. 2.

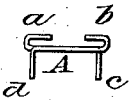


Fig. 3.

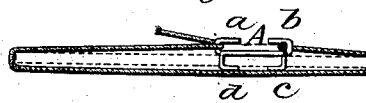


Fig. 4.

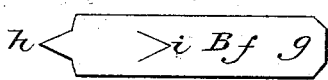


Fig. 5.

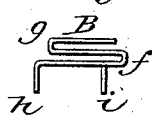
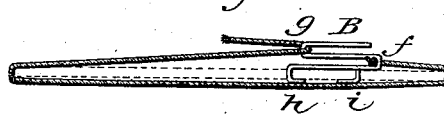


Fig. 6.



Witnesses:

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Inventor.

Daniel E. Sweet,
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UNITED STATES PATENT OFFICE.

DANIEL EDWARD SWEET, OF CHICAGO, ILLINOIS.

DEVICE FOR FASTENING PAPERS, &c.

SPECIFICATION forming part of Letters Patent No. 302,053, dated July 15, 1884.

Application filed December 6, 1883. (No model.)

To all whom it may concern:

Be it known that I, DANIEL EDWARD SWEET, a citizen of the United States, residing in the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Devices for Fastening Papers and other Articles, fully described in the following specification and illustrated in the accompanying drawings.

Like letters of reference indicate like parts in the several figures.

My invention relates to devices for fastening papers, boxes, and other articles; and the object of said devices is to provide a metallic hook-clasp and elastic or cord attachment for securing such articles in their closed condition, whereby the fastening and unfastening thereof may be accomplished speedily and without trouble or annoyance.

In the drawings, Figure 1 is a blank struck out from a sheet of metal. Fig. 2 is the fastening device made from such blank bent up to show the attaching prongs and hooks. Fig. 3 is the fastening device applied in use and provided with an elastic cord or band or strap. Fig. 4 is a blank of modified form struck out from a sheet of metal. Fig. 5 is the fastening device made from such modified blank bent up to show the attaching prongs and hooks. Fig. 6 is the fastening device made from such modified blank applied in use and provided with an elastic cord or band or strap.

The blank in Fig. 1 or the modified form thereof in Fig. 4 may be cut from any suitable sheet of metal. The various dimensions of either form may of course be regulated as necessity or convenience may require.

The securing hook-clasp, as shown in the blank in Fig. 1, consists of a base of sheet metal, A, with notches cut therein so as to form the projections *a* and *b*, and the triangular points *c* and *d*, and the slot *e*. In order to adapt this blank, constructed as above, for fastening purposes, as shown in Fig. 2, the projections *a* and *b*, Fig. 1, are bent over toward each other, forming the hooks *a* and *b*, Fig. 2, and the triangular points *c* and *d*, Fig. 1, are bent perpendicularly downward, forming the prongs *c* and *d*, Fig. 2, by which the device may be attached to the papers or other articles for which it is designed.

The cord or band or strap with which this

device or the modified form thereof is provided, as shown in Figs. 3 and 6, may be made of any elastic or flexible material, and may be of a single piece with a knot or tag on one or both ends, as desired, or may be of a circular or continuous piece.

The application of this device to papers or other articles for securing purposes, as shown in Fig. 3, may be accomplished by pushing the attaching-prongs *c* and *d* through the papers or other articles to be secured or some portion thereof, and then bending them toward each other and clamping them. When a single piece of cord or strap is used, the knotted or tagged end thereof is passed through the hook *b*, the knot or tag catching in the slot *e*. The cord or strap is then passed over and around the papers or other articles to be secured, and the other end thereof is passed through the hook *a*, which may be clamped so as to secure the cord or strap in position.

In case a cord or band or strap of a circular or continuous piece is used, one end may be passed over the hook *b*, and the cord or band or strap is then drawn over and around the papers or other articles to be secured, and the other end thereof is simply passed over the hook *a*.

In the modification of this device shown in Figs. 4, 5, and 6, the securing hook-clasp, as shown in the blank in Fig. 4, consists of a base of sheet metal, B, with notches cut therein so as to form the triangular point *h*, and a slot is cut into and through the body of the metal forming the triangular point *i*. In order to adapt this modified form for fastening purposes, as shown in Fig. 5, the projection *f* *g* in the blank in Fig. 4 is bent into the shape of the letter S, so as to form the hooks *f* and *g* in Fig. 5, and the triangular points *h* and *i* in Fig. 4 are bent perpendicularly downward for the purpose of forming the prongs *h* and *i* in Fig. 5, by which the device may be attached to the papers or other articles for which it is designed. The application of this modified form to papers and other articles, as shown in Fig. 6, may be accomplished substantially in the same manner as described in respect to the original form of the device, the cord or band or strap being applied substantially as hereinbefore stated, and the slot formed by the bending downward of the triangular point *i* in

Fig. 4 may perform the same office as the slot *e* in Fig. 1 in securing the knotted or tagged end of the single piece of cord or band or strap.

It will be obvious that the bulk of the papers or other articles to be secured is only limited by the length and elastic capacity of the cord or band or strap, and by the possibility of fastening the device by means of the attaching prongs to such papers or other articles.

It will also be obvious that either form of the device may be applied to envelopes, boxes, books, &c., without departing from my invention.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. A device for fastening papers, &c., consisting of a base having depending fastenings or prongs upon one side, and hooks, arranged substantially as shown, upon the opposite side, adapted to receive and hold a cord or band or strap, for the purpose set forth.

2. A device for fastening papers, &c., consisting of a metal base having depending prongs or fastenings upon one side, and hooks— one at each end—turned backward toward each other upon the opposite side.

3. The fastener consisting of the metal base having the fastening prongs and hooks, in combination with a cord or strap or band adapted to co-operate with said hooks, in the manner substantially as set forth.

4. A metal fastening for papers, &c., consisting of a flat base having depending fastening prongs upon one side and hooks upon the opposite side, substantially as described, struck out from a single piece of metal, as set forth.

DANIEL EDWARD SWEET.

Witnesses:

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