

(No Model.)

P. H. SWEET, Jr.

BUTTON ATTACHING INSTRUMENT.

No. 282,130.

Patented July 31, 1883.

Fig. 1.

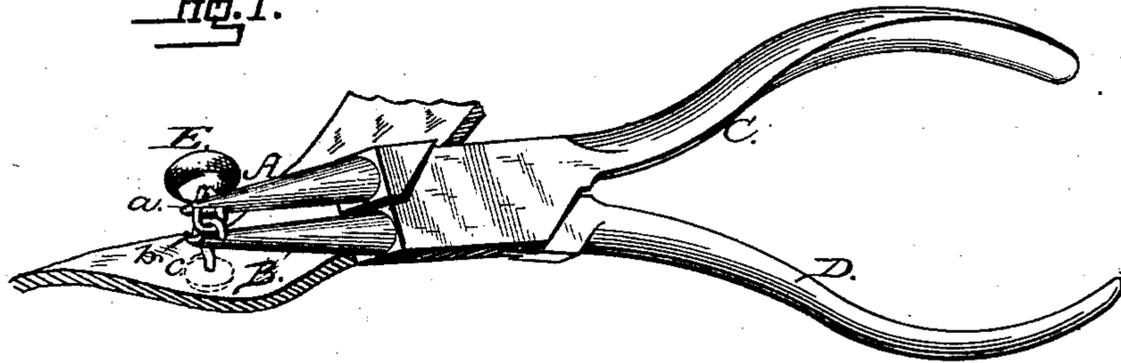


Fig. 2.

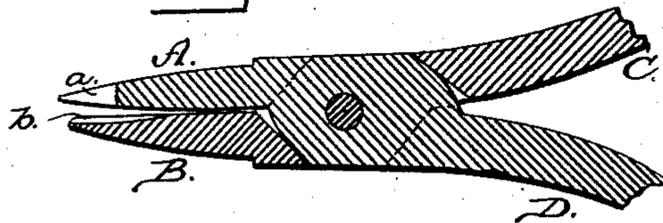


Fig. 3.

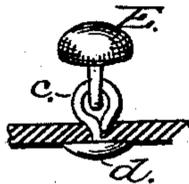
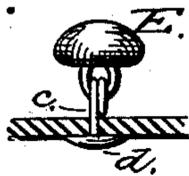


Fig. 4.



WITNESSES:

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BUTTON-ATTACHING INSTRUMENT.

SPECIFICATION forming part of Letters Patent No. 282,130, dated July 31, 1883.

Application filed April 28, 1883. (No model.)

To all whom it may concern:

Be it known that I, PARKER H. SWEET, JR., a citizen of the United States, residing at Washington, in the District of Columbia, have
5 invented certain new and useful Improvements in Instruments for Attaching Buttons to Fabrics; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the
10 art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

15 My present invention has for its object to provide a novel and simplified instrument for attaching buttons to fabrics or other materials by means of a metallic pin or tack in the most secure and efficient manner; and it consists,
20 essentially, of an instrument composed of two rounded and tapering jaws which are adapted to be operated by suitable handles, the upper jaw of said instrument being provided with a slot or recess to receive the shank of the but-
25 ton, while the lower jaw is provided with an elongated groove to receive the lower portion of said shank during the operation of attaching the button to a fabric by means of the said metallic pin or tack, all as will be hereinafter
30 fully described, and specifically designated in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my invention, illustrating the manner of attaching the but-
35 ton to a fabric; Fig. 2, a detail sectional view of the instrument, and Figs. 3 and 4 detail views of the button as attached to a fabric by said instrument.

40 Similar letters of reference occurring on the several figures indicate like parts.

In carrying out my invention the two jaws A B of the instrument are of a rounded shape in cross-section and preferably tapering to a sharp point, and provided with the handles C
45 D, as shown. The upper jaw, A, is provided with a slot, *a*, which extends from the sharp point of said jaw back to a suitable distance and opens outwardly to receive the shank of the button E. The lower jaw, B, is provided
50 upon its upper surface with an elongated

groove or channel, *b*, which also opens outwardly at the point of said jaw to receive the base or lower portion of the shank of the button during the operation of attaching the same to a fabric.

55 In the operation of attaching the button to a fabric the metallic pin or tack *c*, having a suitable base or head, *d*, is first pushed up through the fabric from the under surface thereof until the said base or head rests against the under
60 surface and the point projects above the upper surface of said fabric. The shank of the button is then adjusted in the slot *a* of the upper jaw of the instrument, and the same brought over upon the fabric to permit the point of
65 the pin or tack to pass through the lower projecting portion of said shank between the two jaws, and the said jaws closed tightly together upon the said pin or tack *c* with the base of
70 the shank of the button resting in the groove *b* of the lower jaw, B, as fully shown in Fig. 1. Now, by giving the instrument a turn or twist to one side by means of the handles C D the point of the pin or tack *c* is bent over and
75 around the lower jaw, B, of the instrument, thus forming a loop with the point projecting down into the fabric for securing the button in place, as shown in Fig. 3. This loop may be drawn down as close upon the material or
80 fabric as desired, or until the base or head of the pin or tack is drawn tightly up against the under surface of the fabric, so as to secure an even and smooth finish. The button may be as readily removed from the fabric by ad-
85 justing the instrument in place upon the shank and loop, and turning the same in a reverse direction to open the said loop and release the shank of the button. By using a longer pin or tack and giving the instrument several turns or twists to one side a double loop may be
90 formed in the shank of the button, as fully shown in Fig. 4.

Having thus described my invention, what I claim as new and useful is—

1. The herein-described instrument for at-
95 taching buttons to fabrics or other materials, consisting of the two rounded and tapering jaws, A B, which are adapted to be operated by the handles C D, the upper jaw, A, being provided with a slot, *a*, and the lower jaw, B, 100

with a groove, *b*, substantially as and for the purpose specified.

2. In a setting-instrument for attaching buttons to fabrics, the upper jaw, A, of a tapering and rounded shape, provided with the slot *a*, in combination with the lower jaw, B, of a corresponding shape, provided with the groove *b*, substantially as and for the purpose specified.

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

PARKER H. SWEET, JR.

Witnesses:

C. FRED. KELLER,

JOHN T. ARMS.