(No Model.)

G. W. PRENTICE.

BUTTON FASTENING.

No. 269,705. Patented Dec. 26, 1882.

Fig. 1.

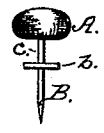


Fig. 2.

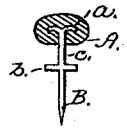


Fig. 3.



Fig. 4.

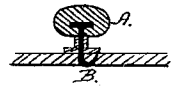
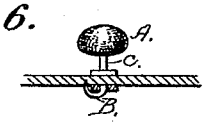


Fig. 5.



Fig. 6.



WITNESSES

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UNITED STATES PATENT OFFICE.

GEORGE W. PRENTICE, OF PROVIDENCE, RHODE ISLAND.

BUTTON-FASTENING.

SPECIFICATION forming part of Letters Patent No. 269,705, dated December 26, 1882.

Application filed September 20, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. PRENTICE, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Button-Fastenings; 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 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.

My present invention relates to certain new and useful improvements in that class of combined lacing-studs and button-fasteners for which Letters Patent of the United States were granted to me under dates of February 1 and March 8, 1881, and numbered 237,126 and 238,523, respectively; and my improvements consist essentially of a button-head provided with a downwardly-depending prong or pin, having a retaining-plate connected therewith in such manner as to provide a neck portion between the said button-head and the retaining-plate, all as will be hereinafter more fully described, and specifically pointed out in the claim.

In the accompanying drawings, Figure 1 represents a side elevation of my complete device; Fig. 2, a vertical section thereof; Fig. 3, a sectional modification; Fig. 4, a side elevation of the same as applied to a fabric, and Figs. 5 and 6 vertical sections of modifications.

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

Referring to the drawings, A represents the button-head, which may be formed of sole-leather, pulp, or other suitable material, compressed around and upon the enlarged or spread head *a* of the metallic pin or tack B in such a manner as to firmly and securely connect the two parts together, as fully shown in the drawings.

The metallic pin or tack B is formed with an enlarged or spread head, *a*, to secure the same to the button-head, as already described, and with retaining-plate *b* at a suitable distance below the button-head, so as to provide an intermediate neck, *c*, as shown. This retaining-plate *b* may be either formed solid with the metallic pin B, as shown in Figs. 1 and 2, or it may be made separately, as shown in Figs. 3, 4, 5, and 6. The button-head A has also the connecting-pin B and may be japanned and finished in any suitable color to complete the device. In the operation of setting the same the button is affixed in one jaw of a suitable setting-instrument or power-machine, and the fabric or material to which the button is to be attached is inserted between the jaws, which, being closed together, forces the point of the pin or tack B through the material, and by a suitable die in the opposite jaw of the instrument is curved or deflected back again into the material or under side of a retaining-plate to securely connect the button thereto, the plate *b* resting upon the surface of the fabric, as fully shown in Fig. 4.

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

As an improved article of manufacture, the herein-described button and fastening, consisting of the solid head A, which is compressed around or upon the enlarged or spread head of the metallic pin B, which is provided with a central plate or shoulder, *b*, substantially as and for the purpose specified.

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

GEORGE W. PRENTICE.

Witnesses:

GEO. A. MUMFORD,

F. A. SMITH, Jr.