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PATENTED FEB. 18, 1908.

G. A. HOLMES.
SNAP FASTENING BUCKLE.
APPLICATION FILED JUNE 20, 1907.

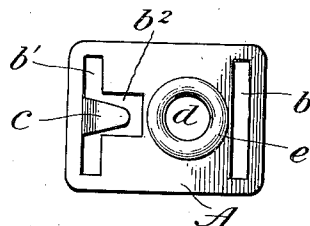


Fig. 1.

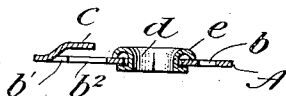


Fig. 2.



Fig. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

GEORGE A. HOLMES, OF NEWTON, MASSACHUSETTS, ASSIGNOR TO UNITED STATES FASTENER COMPANY, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MAINE.

SNAP-FASTENING BUCKLE.

No. 879,465.

Specification of Letters Patent.

Patented Feb. 18, 1908.

Application filed June 20, 1907. Serial No. 379,879.

To all whom it may concern:

Be it known that I, GEORGE A. HOLMES, a citizen of the United States, and resident of Newton, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Snap-Fastening Buckles, of which the following is a specification.

My invention relates to snap fasteners and consists in improvements in the construction of snap fastening buckles such as are employed to secure the ends of belts, garters or other garments.

In the drawings hereto annexed which illustrate embodiments of my invention, Figure 1 is a plan view of a snap fastening buckle, Fig. 2 is a cross section of the buckle shown in Fig. 1, Fig. 3 is an elevation of a stud adapted to engage with the plate of my improved buckle.

The type of snap fastening buckles to which I show my improvements as applied is that in which a plate is centrally perforated either to receive and hold a stud or to receive and hold one member of a snap fastening pair and which is also provided with lateral slots through which the end of a strap is threaded and by which the strap is held in position. While simple buckle plates of this general character which employ plain slots to receive and hold a strap have been found suitable and adequate, provided the strap wherewith they engage is of the proper thickness and texture to be securely held by the slotted plate, it has been found that such simple buckle plates are not satisfactory under all conditions because either by accident or the design of the manufacturer the straps which engage with the buckles vary widely in thickness, consistency and texture. A buckle plate suited to the retention of one strap will be found unsuited to the proper retention of another and consequently sundry contrivances have been made and adopted for the better retention of a strap by a buckle plate of this general type. For instance, buckle plates have been made with tongues struck up from the material of the plate so that these tongues may project through suitable holes formed in the strap. The objection has sometimes been raised and is doubtless reasonable under some conditions, that tongues projecting through the strap form an excrescence which, unless carefully

smoothed off, is liable to catch in and possibly to tear overlying garments. By my improvements shown in the drawings hereto annexed, I provide a snap fastening buckle plate with a strap retaining tongue which nevertheless is so arranged that instead of projecting above the buckle or strap it is below and hidden thereby so that by no chance can the buckle tongue come in contact with or injure the garments of the wearer.

In the figures, A is the buckle plate centrally perforated at *d*. This central perforation may be employed to receive and hold a suitable resilient stud without any other snap fastening provision, but I prefer, however, to employ the central perforation *d* for the attachment of a snap fastener member such as the eyelet *e* which is adapted to receive and hold a stud such as S shown in Fig. 3. On either side of the central perforation *d* I provide suitable slots *b*, *b'* in the plate A. As shown in Fig. 1, I make the slot *b'* T shaped so as to take the material for the tongue *c* partly out of the portion *b*² of the T shaped slot. The tongue *c* has its base at the outer edge of one of the lateral slots and projects inward toward the central perforation.

A strap perforated at suitable intervals is threaded through the slots *b*, *b'* and overlies the snap fastener member *e* and the central perforation *d*. One of the strap perforations is then made to engage with the tongue *c* which holds the strap firmly in any position to which it may be adjusted. The end of the tongue *c* lies under the material of the strap so that it is wholly imperceptible when the strap is in position and secured by means of the plate A and its engagement with a fastener member such as the stud S.

What I claim and desire to secure by Letters Patent is:—

In a snap fastening buckle, a plate having longitudinal slots near each edge thereof forming a central cross bar, a lateral recess in said cross bar and a tongue struck up from the body of said plate and integral therewith projecting into the said recess.

Signed by me at Boston, Massachusetts, this 31st day of May 1907.

GEORGE A. HOLMES.

Witnesses:

JOSEPH T. BRENNAN,
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