No. 627,300. Patented June 20, 1899.

G. HABICHT.

GARMENT FASTENER.

(Application filed Dec. 19, 1898.)

(No Model.)

FIG. 1.

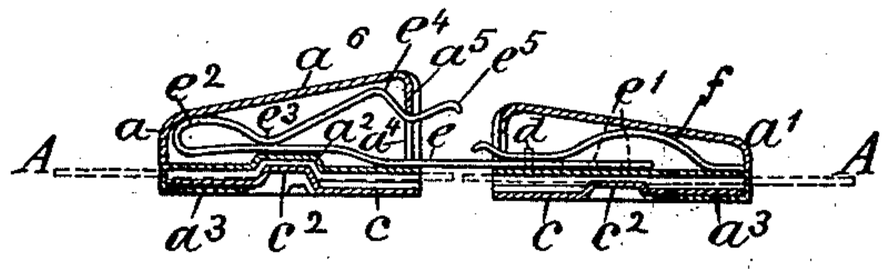


FIG. 2.

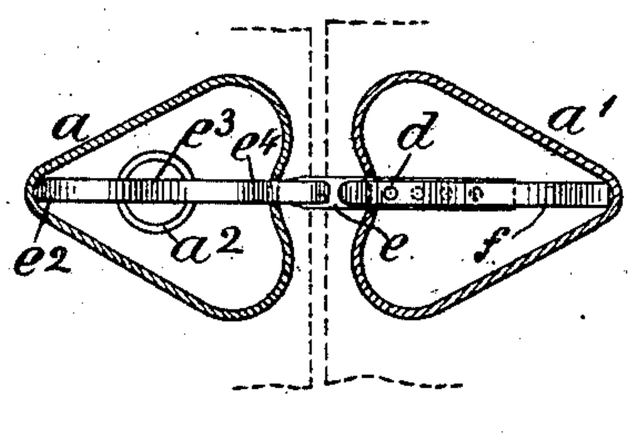


FIG. 3.

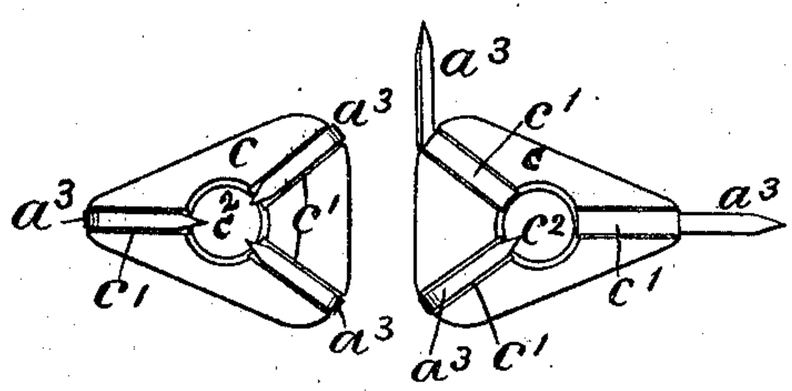
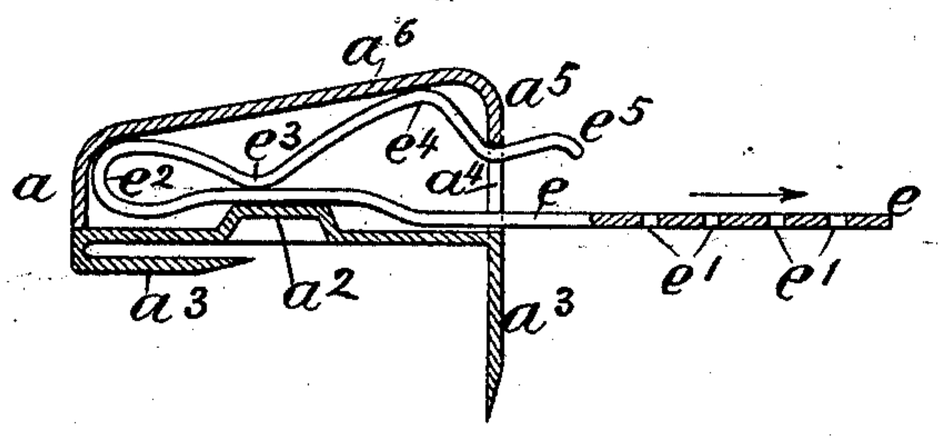


FIG. 4.



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UNITED STATES PATENT OFFICE.

GUSTAV HABICHT, OF BERLIN, GERMANY.

GARMENT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 627,300, dated June 20, 1899.

Application filed December 19, 1898. Serial No. 699,695. (No model.)

To all whom it may concern:

Be it known that I, GUSTAV HABICHT, a citizen of Germany, and a resident of Berlin, Germany, have invented certain new and useful Improvements in Garment-Fasteners, of which the following is a specification.

This invention relates to a fastener for gloves, shoes, belts, and other articles which is so constructed that the locking distance between the two members of the fastener may be adjusted and that a separating strain on the fastener will increase the resistance offered by the fastener against such strain.

In the accompanying drawings, Figure 1 is a longitudinal central section of my improved garment-fastener; Fig. 2, a plan with the top plates of the boxes removed; Fig. 3, a bottom view of the base-plates *c*, showing their engagement with the prongs; and Fig. 4, a longitudinal section of the box *a* with the spring-tongue *e* inserted.

The letters *a a'* represent a pair of boxes of substantially triangular form in horizontal section and of which the box *a* has a centrally-bulged bottom, as at a^2. From the boxes *a a'* depend the prongs a^3, which are adapted to be thrust through the garment A and to be then bent inwardly, so as to be confined within radial grooves *c'* of base-plates *c*, which are adapted to be placed against the lower or inner face of the garment. These base-plates *c* have central bulges c^2, by means of which the garment is securely clasped against the bottom of the boxes, so as to partly release the prongs from strain.

Within the box *a'* is secured a pin *d*, adapted to engage one of a number of perforations *e'*, formed in the lower straight shank of an outwardly-projecting spring-tongue *e*. This tongue is locked to the pin by means of an upper perforated retaining-spring *f*, attached within box *a* and projecting with its perforated free end over the pin, so as to bear upon the tongue *e*.

By passing the pin *d* through the proper perforation *e'* the tongue may be projected out of the casing to any suitable extent, and thus the locking distance between the two members of the fastening may be adjusted so as to space the two flaps of the garment when closed.

The free end of the spring-tongue *e* is first doubled upon itself, as at e^2, and then the upper shank of the tongue is so bent as to first form a downwardly-pointing projection e^3, then an upwardly-pointing shoulder e^4, and finally a handle e^5.

To close the fastening, the tongue *e*, locked to box *a'*, is projected into the box *a* through a slot a^4 until the shoulder e^4 has passed back of the end plate a^5 of such box, while the lower shank of the tongue will be supported upon the bulge a^2.

Any opening strain on the fastener will have the tendency to crowd the shoulder e^4 against the upper slanting cover a^6 of box *a* and to force the projection e^3 firmly upon the lower shank of the tongue, Fig. 4, so that the resistance of the fastener against such strain will be increased in proportion to the strain.

A pressure upon the handle e^5 will disengage the shoulder e^4 from box *a* and permit the two members of the fastener to be separated.

What I claim is—

1. A garment-fastener composed of a box, a spring-tongue having a doubled end, means for adjustably locking the shank of said tongue to said box, and a second slotted box adapted to removably engage the doubled end of the tongue, substantially as specified.

2. A garment-fastener composed of a box, a doubled spring-tongue adjustably secured thereto and having a projection e^3, and shoulder e^4, a second slotted box adapted to engage said spring-tongue and having an inclined top plate, prongs depending from the boxes, and base-plates adapted to be engaged by the prongs, substantially as specified.

In witness whereof I have hereunto signed my name, this 6th day of December, 1898, in the presence of two subscribing witnesses.

GUSTAV HABICHT.

Witnesses:

HENRY HASPER,

ERWIN L. GOLDSCHMIDT.