

A. HEERGEIST.
SLIDING BUTTON FASTENING.
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964,862.

Patented July 19, 1910.

Fig. 1

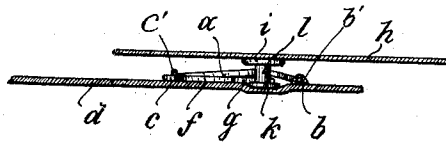
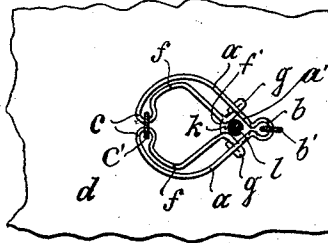


Fig. 2



Witnesses:
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UNITED STATES PATENT OFFICE.

ALBERT HEERGEIST, OF NUREMBERG, GERMANY, ASSIGNOR OF ONE-HALF TO JEAN AMEIS, OF NUREMBERG, GERMANY.

SLIDING BUTTON-FASTENING.

964,862.

Specification of Letters Patent.

Patented July 19, 1910.

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To all whom it may concern:

Be it known that I, ALBERT HEERGEIST, whose post-office address is No. 10 Wurzelbauerstrasse, at Nuremberg, Bavaria, Germany, have invented certain new and useful Improvements in Sliding Button-Fastenings; and I do hereby 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.

This invention relates to an improved form of button clasp, the objects and novel features of which will be fully described in connection with the accompanying drawing and will be particularly pointed out in and by the appended claim.

In the drawing:—Figure 1 is a longitudinal sectional view of two parts of a garment united by a clasp embodying my invention. Fig. 2 is a face view of the clasp with the shank of the stud or button in section.

Like characters of reference designate similar parts throughout the figures of the drawing.

As shown, the parts of a garment to be united are indicated by *h* and *d*, respectively, and a stud or button *i* is secured to the part *h*. The stud or button *i* is provided with a shank *l* and a head *k*.

The part *d* of the garment is secured to the clasp, which as shown, is formed of a single length of wire. Said wire is bent to form an eye *b* adapted to be fastened to the part *d* of the garment at *b'*. From the eye *b* the wires *a* diverge to form outer members of the clasp and the diverging portions near the eye, as at *a'*, constitute substantially rigid abutments for the shank *l* of the button. The outer members *a* converge and are bent to form eyes *c* at the opposite end of the clasp, and said eyes are shown as secured to the part *d* of the garment at *c'*. It will be noted that the eyes *c* lie in the plane of the eye *b* and thereby render the clasp very compact so as to avoid bulging of the united parts.

The wire diverges at *f* from the eyes *c* to form inner members between which the head *k* of the button is adapted to be received

prior to sliding the same into place as shown in Fig. 2. Said inner members *f* are resilient and converge toward said first mentioned eye *b*, and diverge from the point of extreme convergence, at *f'*, to form, with said abutments *a'*, an opening for the shank and serving to hold the shank against said abutments *a'*. It will thus be seen that the shank *l* is held by resilient abutments against substantially rigid abutments. The ends *g'* diverge outwardly and normally occupy a position to prevent withdrawal of the stud from the position shown in Fig. 2 without first sliding the stud to the left. In order to strengthen the clasp and render the parts *f* and *g* effective in the performance of their function, the latter or ends *g* project beneath the outer members *a* and are preferably bent backwardly upon themselves as shown in Fig. 2.

I claim:—

A button clasp comprising a body frame formed of a single length of wire bent to form an eye adapted to be fastened to one part of a garment, the wire diverging from said eye to form outer members of the clasp and the diverging portions near the eye forming substantially rigid abutments for the shank of the button, said outer members converging and being bent to form eyes at the opposite end of said clasp lying in the plane of said first named eye and diverging from said eyes to form inner members between which the head of the button may be received, said inner members being resilient and converging toward said first mentioned eye, the ends of said inner members diverging from the point of extreme convergence and extending beneath the outer members and between the same and the said part of the garment, said diverging ends forming with said abutments an opening for the shank and serving to hold the shank against said abutments.

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

ALBERT HEERGEIST.

Witnesses:

ALEXANDER WIELE,
MAX SCHNEIDER.