

H. G. C. HÖRNING.
 BUTTON FASTENER.
 APPLICATION FILED JAN. 23, 1909.

950,289.

Patented Feb. 22, 1910.

Fig. 1.

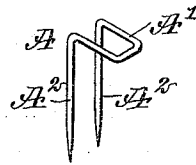


Fig. 2.

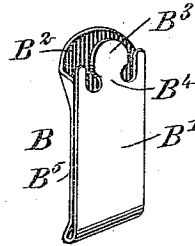


Fig. 3.

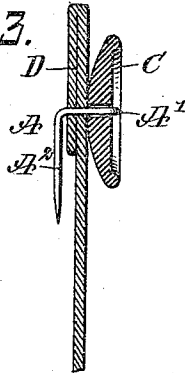


Fig. 4.

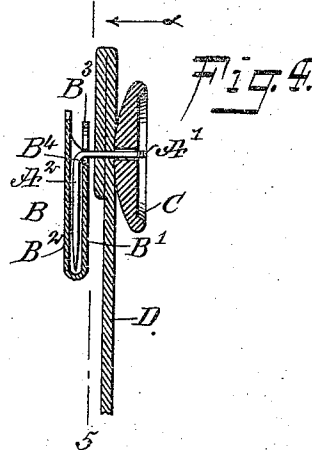


Fig. 5.

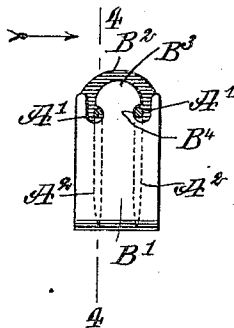
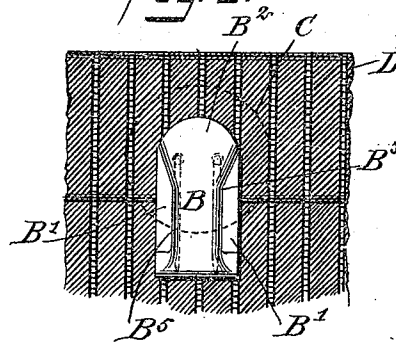


Fig. 6.



WITNESSES

William P. Goebel,
 New York, N.Y.

INVENTOR

Hermann G. C. Hörning
 BY *Mumma & Co.*

ATTORNEYS

UNITED STATES PATENT OFFICE.

HERMANN G. C. HÖRNING, OF NEW YORK, N. Y.

BUTTON-FASTENER.

950,289.

Specification of Letters Patent.

Patented Feb. 22, 1910.

Application filed January 23, 1909. Serial No. 473,868.

To all whom it may concern:

Be it known that I, HERMANN G. C. HÖRNING, a citizen of the United States, and a resident of the city of New York, borough of the Bronx, in the county and State of New York, have invented a new and Improved Button-Fastener, of which the following is a full, clear, and exact description.

The invention relates to button fasteners, such as shown and described in the Letters Patent of the United States, No. 687,028, granted to me November 19, 1901.

The object of the present invention is to provide a new and improved button fastener, for conveniently and quickly fastening a button in place on a garment by the use of a pin engaging and holding the button and adapted to be passed through the cloth of the garment, the pin engaging a retaining device on the back of the garment and preferably formed of a plate having a head and neck for engagement by the U-shaped end of the pin to fasten the pin and plate together.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the pin; Fig. 2 is a perspective view of the retaining device; Fig. 3 is a cross section of the pin engaging an apertured button and passed through the cloth of the garment; Fig. 4 is a cross section of the improvement as applied, to hold an apertured button in place on the cloth of a garment, the section being on the line 4—4 of Fig. 5; Fig. 5 is a sectional front view of the improvement on the line 5—5 of Fig. 4; and Fig. 6 is a rear face view of the improvement as applied.

The button fastener consists of a pin A and a retaining device B, of which the pin A is made of spring wire, bent into a U-shaped end A', from which extend integrally and approximately at right angles parallel shanks A². The shanks A² and the side members of the end A' are adapted to be passed through the holes in the button C, and the said shanks A² and the rear portions of the side members of the end A' are adapted to pass through the cloth D of the garment on which the button C is to be fastened by the button fastener, as indicated in Figs. 3, 4 and 6.

The retaining device B is in the form of a doubled-up plate, having the front plate

member B' and the rear plate member B², the front plate member B' being provided at its top with a head B³ and a neck B⁴, adapted to be engaged by the side members of the end A' of the pin A, so as to hold the retaining device B in position on the pin A. The shanks A² of the pin A are adapted to pass between the members B' and B² of the doubled up plate, so as to hold the said shanks in place and to conceal the same. The members B' and B² are sufficiently spaced apart to accommodate the shanks A², and in order to hold the said members spaced apart a desired distance, the sides of the rear member B² are provided with inwardly-extending flanges B⁵ abutting against the front member B', as plainly indicated in Figs. 2, 4 and 6.

In using the device, the button C is engaged with the end A' of the pin A, as previously explained, and then the pin is passed through the cloth D of the garment and the fastener B is pushed up in position, so that the shanks A² pass into the space between the front and rear members B' and B², and the head B³ finally engages the side members of the end A' of the pin A and temporarily springs the same apart, to allow the head B³ to pass up past the side members of the end A', and then when the neck B⁴ is opposite the side members of the end A', then the side members by their own resiliency spring back into position and in firm contact with the neck B⁴, to securely hold the retaining device B in position on the pin A, as indicated in Figs. 4, 5 and 6.

The button fastener shown and described is very simple and durable in construction, can be cheaply manufactured, and conveniently engaged with the button and the cloth, to securely hold the button in position on the garment.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A button fastener, comprising a pin having a U-shaped end adapted for engagement with a button, and shanks extending integrally and at an angle from the said end, and a retaining plate having a head and neck adapted to be passed between the members of the U-shaped end of the pin and engaged thereby.

2. A button fastener, comprising a pin having a U-shaped end adapted for engagement with a button and shanks extending

integrally and at an angle from the said end,
and a retaining device for the said pin in
the form of a doubled-up plate, one of the
plate members having a head and neck to be
5 passed between the members of the pin and
engaged thereby and the members of the
plate being spaced apart to receive and con-
ceal the said pin shanks between them.

3. A button fastener, comprising a pin
10 having a U-shaped end adapted for engage-
ment with a button and shanks extending
integrally and at an angle from the said
end, and a retaining device for the said pin
in the form of a doubled-up plate, one of
15 the plate members having a head and neck

to be passed between the members of the pin
and engaged thereby and the members of
the plate being spaced apart to receive and
conceal the said pin shanks between them,
one of the said members having its sides 20
provided with flanges to keep the members
spaced apart.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

HERMANN G. C. HÖRNING.

Witnesses:

THEO. G. HOSTER,
JOHN P. DAVIS.