C. F. PLUMMER.

CORSET CLASP FASTENER.

APPLICATION FILED JAN. 15, 1908.

909,019

Patented Jan. 5, 1909.

Fig. 1.

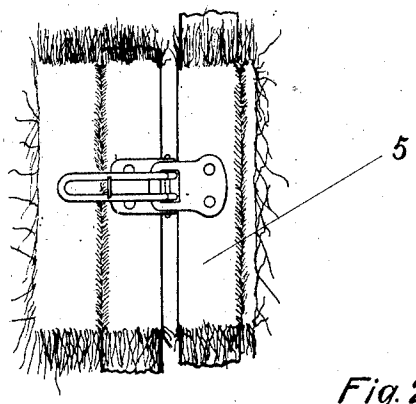


Fig. 2.

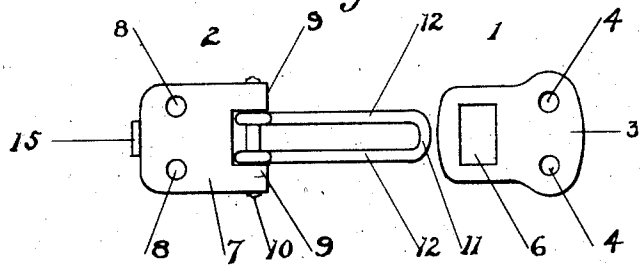


Fig. 4.

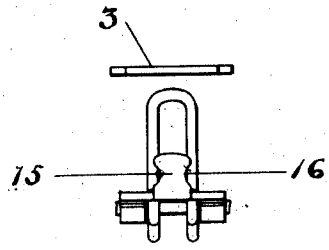
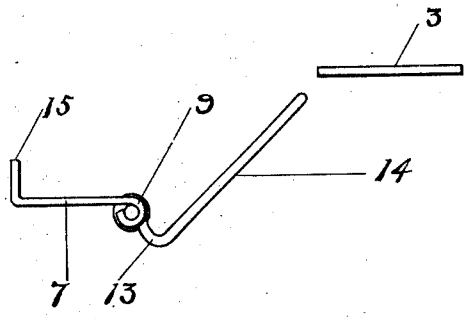


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

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CORSET-CLASP FASTENER.

No. 909,019. Specification of Letters Patent. Patented Jan. 5, 1909.

Application filed January 15, 1908. Serial No. 410,927.

To all whom it may concern:

Be it known that I, CHARLES F. PLUMMER, a citizen of the United States of America, residing at Leominster, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Corset-Clasp Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to corset or analogous clasp fasteners.

The principal object of the present invention is to provide a fastener intended for corsets or other analogous articles that is very simple in construction, is readily applicable to the goods, and when operated to fasten two parts together, will have a drawing action which will bring such parts toward each other with ease and expedition.

A further and important object is to provide novel and effective means of an exceedingly simple character which will hold the parts against movement and thus prevent them from becoming accidentally disengaged.

In the accompanying drawings:—Figure 1 illustrates the fastener as applied and in operative position; Fig. 2 is a plan view of the two elements separated; Fig. 3 is an edge view of such elements; Fig. 4 is an end view of the same.

The fastener consists of an eye element 1 and a hook element 2. The eye element comprises a flat piece of metal 3 having spaced openings 4 in one end, by means of which the element can be fastened to one of the parts to be connected, as 5. The other end of the element has an oblong opening 6 through it forming the eye.

The hook element 7 consists of a base plate 7 of sheet metal provided in one end with fastener receiving openings 8 and having spaced ears 9 projecting from its other end. A pintle 10, engaged in the ears, bridges the space between them, and pivotally mounted on the pintle is a combined hook and lever. This hook and lever is shown as formed of a looped wire 11 provided with spaced side bars 12 and formed into angularly disposed long and short arms 13 and 14. The short arms are pivoted at their ends on the pintle 10; the long arms are free. Outstanding from the base plate 7 opposite the ears 9 is a stud 15 which, as shown in Fig. 4, is provided in its opposite sides with sockets 16, the outer end being rounded, as shown in this figure.

The manner of using the device is substantially as follows: The element 1 is secured to one of the two parts to be connected; the element 2 is fastened to the other part. When these parts are to be held together, the free end of the hook and lever 11 is passed through the eye 6 and is then swung rearwardly, whereupon the eye will slide down until engaged by the angular arms 13. Consequently, the eye element will be drawn toward the base 7 of the hook element. On the continued movement of the arms 14 they will embrace the outer end of the stud 15 and spring apart sufficiently to pass over the head thereof, whereupon they will engage in the seats 16, thus preventing the accidental outward movement of the hook and lever.

The construction as disclosed is clearly one that can be cheaply manufactured and readily applied to the goods. Moreover, when it is operated to fasten two parts together, it will have a drawing action that will bring such parts toward each other without the expenditure of any great force. In addition to this, when the two parts are secured together, the stud, by effectively preventing the outward swinging movement of the hook, insures that the parts will remain secured until manually manipulated to free them.

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

A fastener comprising an eye member with an opening therein, a securing member consisting of a plate having oppositely disposed ears at one end with an opening therebetween, a pintle extending across said opening and secured to the ears, a lever bent in U-shape form and provided with parallel arms having their terminals pivoted to said pintle, said arms being bent adjacent its pivotal connection to form a hook to en-

gage the opening of said eye member, and said lever serving to be swung on the pintle so as to draw the eye member on the upper surface of the fastening member, a vertical stud on the outer end of the fastening member having sockets on the opposite sides, and said arms of the lever serving to be sprung onto the stud so as to engage the sockets, substantially as specified.

CHARLES F. PLUMMER.

Witnesses:
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