

No. 825,568.

PATENTED JULY 10, 1906.

J. A. WERNER.
HOOK AND EYE.

APPLICATION FILED SEPT. 16, 1905.

Fig. 1.

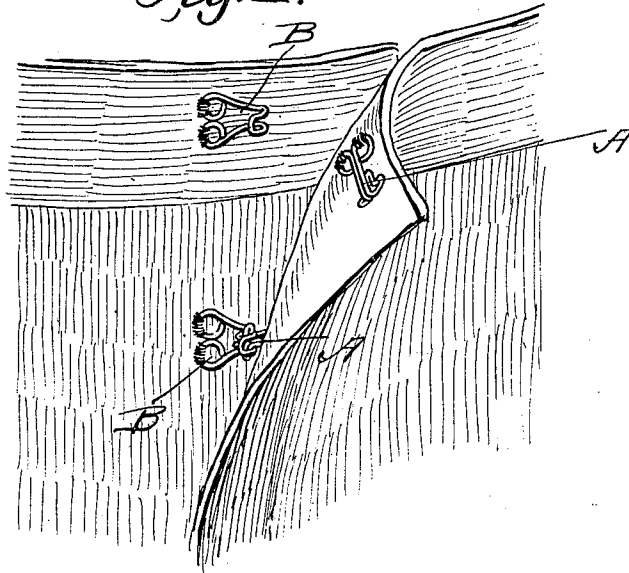


Fig. 2.

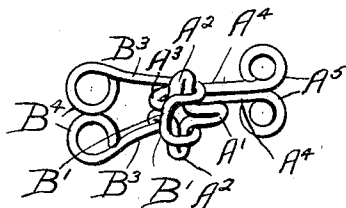


Fig. 5.

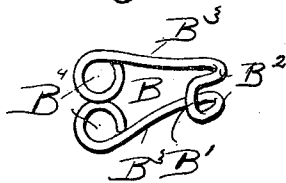


Fig. 3.

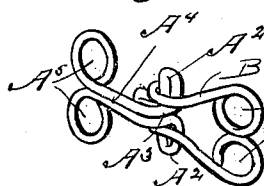


Fig. 6.

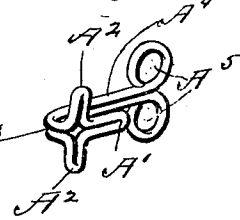
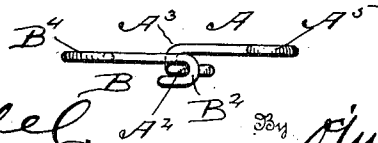


Fig. 4.



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UNITED STATES PATENT OFFICE.

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HOOK AND EYE.

No. 825,568.

Specification of Letters Patent.

Patented July 10, 1906.

Application filed September 16, 1905. Serial No. 278,750.

To all whom it may concern:

Be it known that I, JOHN A. WERNER, a citizen of the United States, residing at Kipple, in the county of Blair and State of Pennsylvania, have invented a new and useful Hook and Eye, of which the following is a specification.

This invention is an improved form of hook and eye, the object being to provide a simple and easily-constructed device of such a nature that the parts can be quickly and easily connected and disconnected and one in which the parts when properly connected are not likely to become accidentally disconnected.

With these objects in view my invention consists in the novel features of construction hereinafter fully described, and pointed out in the claims.

In the drawings forming a part of this specification, Figure 1 is a view showing the practical application of my invention. Fig. 2 is a detail perspective view of the hook and eye connected, the view being taken in the front. Fig. 3 is a similar view taken from the rear. Fig. 4 is an edge view. Fig. 5 is a detail view of the eye, and Fig. 6 is a detail view of the hook.

Referring to the drawings, A indicates a hook embodying my invention, and B the eye adapted to coact with the said hook.

In constructing a hook in accordance with my invention I employ the usual form of wire employed for making hooks and eyes, and after cutting a piece of wire the desired length I bend the same centrally upon itself, as shown at A', in order to provide the point of the hook. The members of the wire are then bent laterally outward and inward, as shown at A², in order to provide laterally-projecting fingers at the end of the point of the hook. The members of the wire are then brought together and curved, as shown at A³, and carried rearwardly in parallel relation and in close contact, as shown at A⁴, and then turned into fastening-loops A⁵.

The hook B is made from a single piece of wire bent centrally, as shown at B', to provide the locking cross-bar, and the members are then curved, as shown at B², carried rearwardly slightly diverging, as shown at B³,

and shaped into fastening-loops B⁴. The curved portions B² approach each other slightly; but there is sufficient space between them to snugly receive the curved portion A³ of the hook A, while the laterally-projecting fingers A² engage said portions B² and the point A' projects beyond the same, as most clearly shown in Figs. 2 and 4. All of these parts are so shaped and dimensioned that when the parts are interlocked they fit snugly, and the likelihood of accidental disengagement is reduced to a minimum.

The manner of connecting my improved hook and eye is as follows: The point of the hook and fingers of the hook A are shoved up edgewise between the diverging member B³ of the hook B and turned and drawn forward, so as to force the point A' of the hook A between the curved members B² of the hook, and at the same time the fingers A² of the hook will be brought into engagement with the curved members B² and be securely held under the cross-bar B' without any danger of the hook and eye coming undone.

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

1. A hook having a point and laterally-projecting fingers at the end of said point in combination with an eye having a central cross member and converging curved portions, adapted to be engaged by the laterally-projecting fingers of the hook.

2. A hook comprising the point A', laterally-projecting fingers A², bend A³, parallel portions A⁴, and loops A⁵, in combination with an eye comprising the central cross-bar B', the curved portions B², diverging members B³, and loops B⁴, all arranged and adapted to operate substantially as described.

3. A hook comprising the point having fingers projecting from each side in combination with an eye having curved members connected together by a cross-bar between which the said hook is adapted to fit, for the purpose described.

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Witnesses:

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