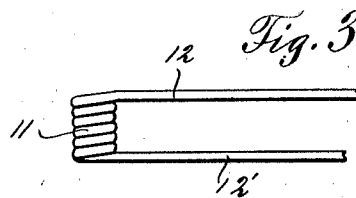
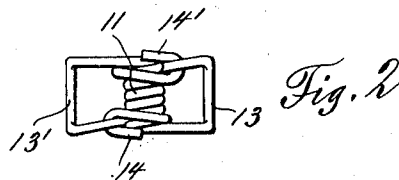
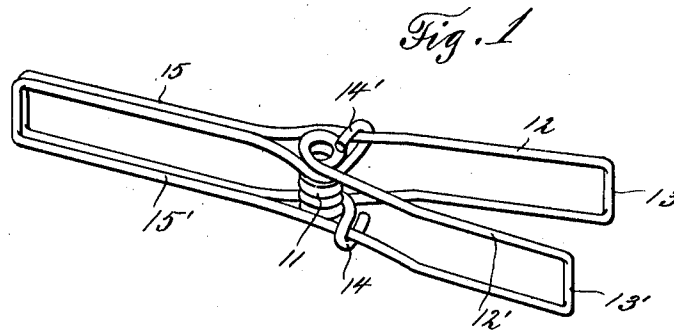


A. A. LIND.
WIRE CLASP.
APPLICATION FILED SEPT. 14, 1910.

982,614.

Patented Jan. 24, 1911



Witnesses

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UNITED STATES PATENT OFFICE.

ANDREW A. LIND, OF OSHANTER, PENNSYLVANIA.

WIRE CLASP.

982,614.

Specification of Letters Patent. Patented Jan. 24, 1911.

Application filed September 14, 1910. Serial No. 582,057.

To all whom it may concern:

Be it known that I, ANDREW A. LIND, a citizen of the United States, residing at Oshanter, in the county of Clearfield and State of Pennsylvania, have invented certain new and useful Improvements in Wire Clasps, of which the following is a specification.

This invention relates to wire clasps, and is designed to construct an article of manufacture of this nature which will be formed from a single piece of wire in such a manner that the free terminals of said wire will engage the clasp and operating elements of the clasp to produce a rigid and substantial construction.

With the above and other objects in view, this invention consists in the construction, combination, and arrangement of parts, all as hereinafter more fully described, claimed, and illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view illustrating a wire clasp constructed in accordance with the present invention; Fig. 2 is an end view thereof; Fig. 3 is a detail elevation illustrating the method of manufacturing the same.

Referring more particularly to the drawings, 10 indicates a single piece of wire having a coil 11 formed centrally therein, the end portions 12 and 12' extending in the same direction from the ends of the coil and from opposite sides thereof. Each of the end portions 12 and 12' is bent upon itself to form the diverging hand pieces 13 and 13', said end portions extending over and beyond the coil 11. The end portions 12 and 12' are then again bent upon themselves and are carried in the direction of the hand pieces and the coil. The terminals

thereof are then bent in opposite directions around the coil, and form the hooks 14 and 14' which engage the hand pieces 13' and 13 respectively, thus forming a rigid and secure structure.

I am aware that in the art a clasp of this nature has been constructed of a single piece of wire having a coil formed therein, but having the free terminals of the wire bent to enter the coil. This structure does not rigidly connect the hand pieces and clasp ing arms to the coil and it is the object of the present invention to overcome this objectionable feature and produce a clasp wherein both sides of the hand pieces and clasp ing members will be rigidly secured to the coils.

Having thus fully described my invention, what is claimed as new is:—

An article of manufacture comprising a single piece of wire having a coil formed centrally therein the end portions of said wire extending in the same direction and from opposite ends and sides of said coil, hand pieces formed by bending said end portions of said wire upon themselves and extending the same to and beyond the coil, clasp ing members formed by said extended portions of the end portions by again bending the same upon themselves, and hooks formed by bending the terminals of the wire about the coil in opposite directions and engaging the free side of the clasp ing and hand pieces formed by the opposite end portion of the wire.

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

ANDREW A. LIND.

Witnesses:

JACK W. BROOME,
W. L. DE HAAS.