

N. K. SMALL.
HOOK AND EYE.
APPLICATION FILED AUG. 22, 1907.

898,936.

Patented Sept. 15, 1908.

Fig. 1.

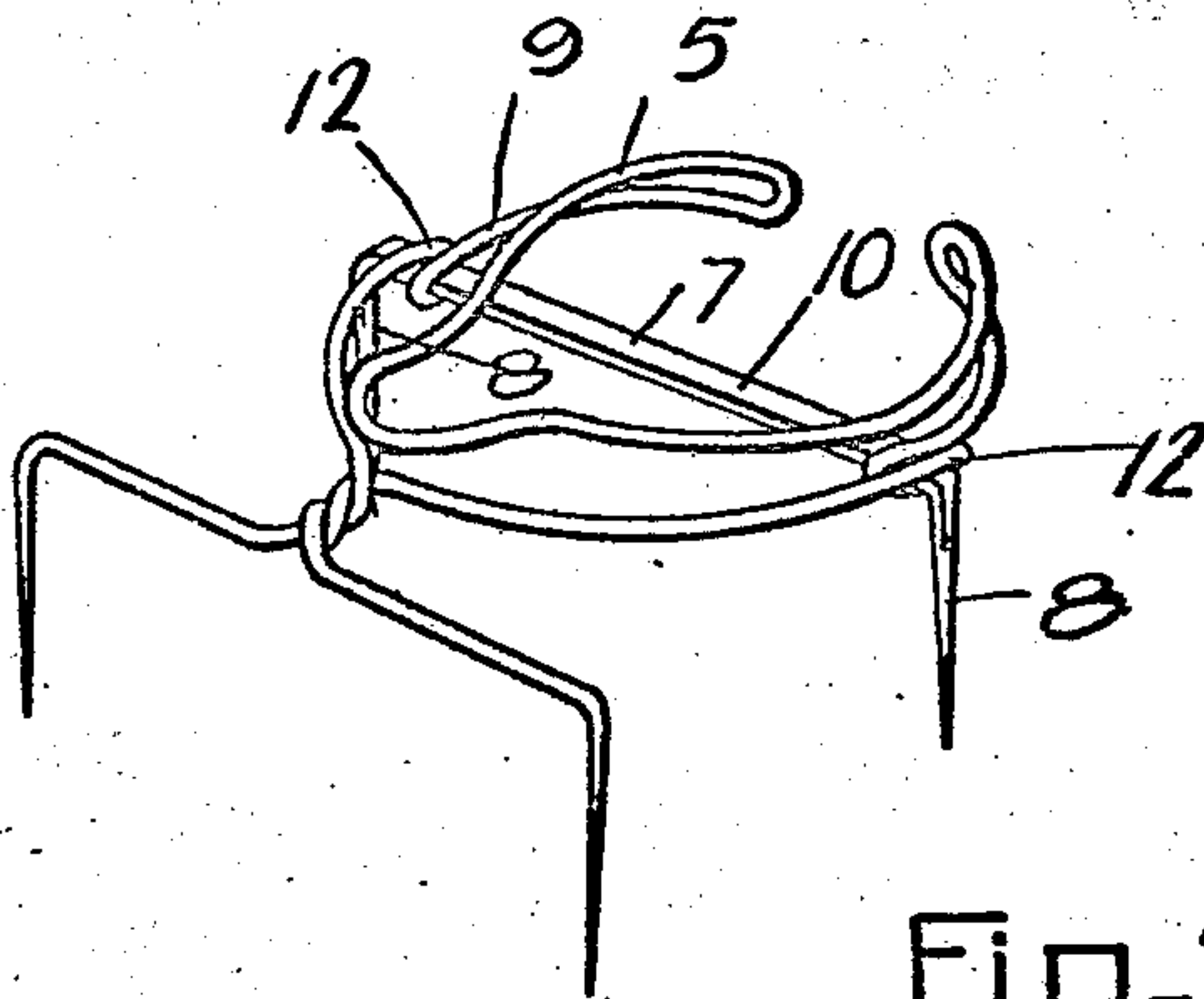


Fig. 2.

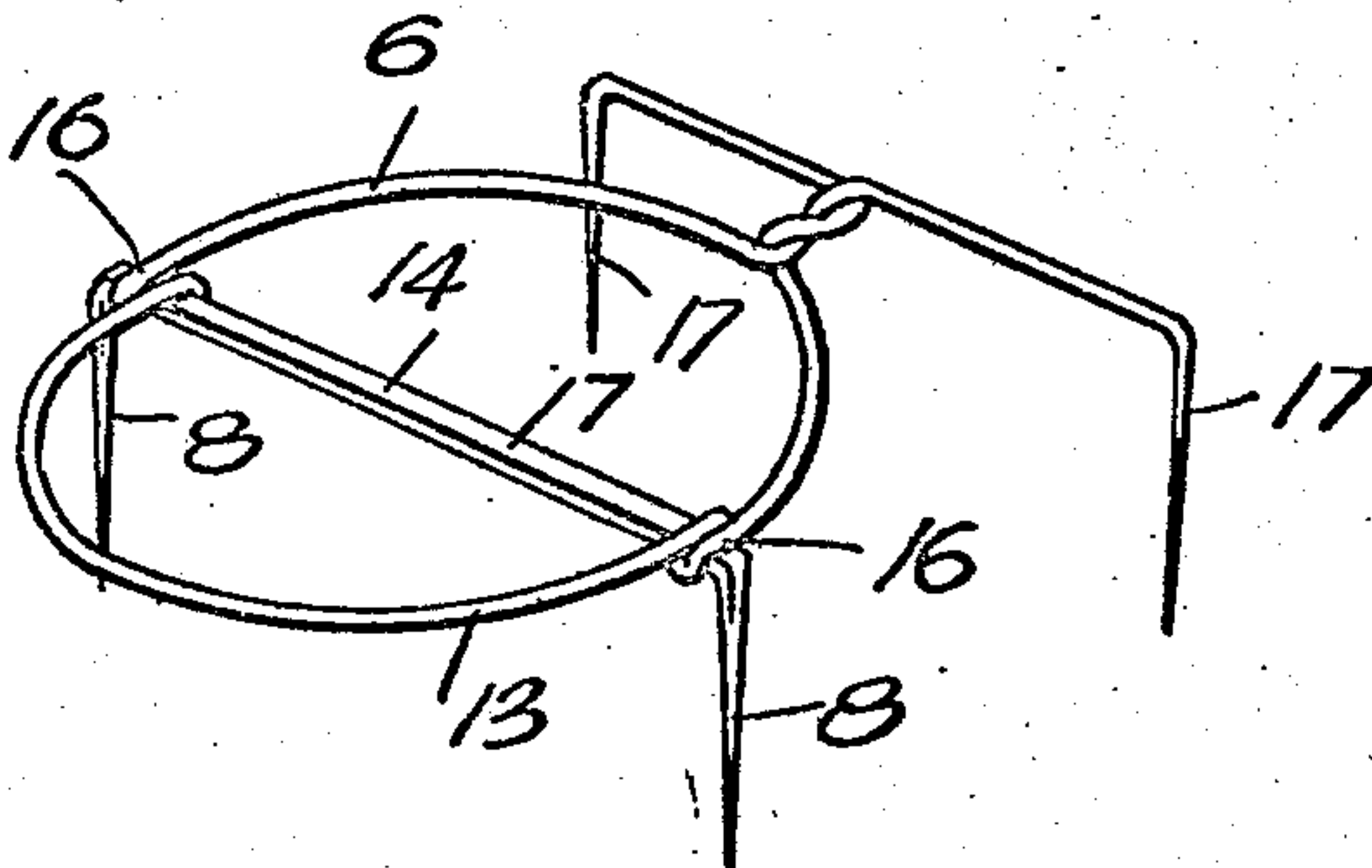
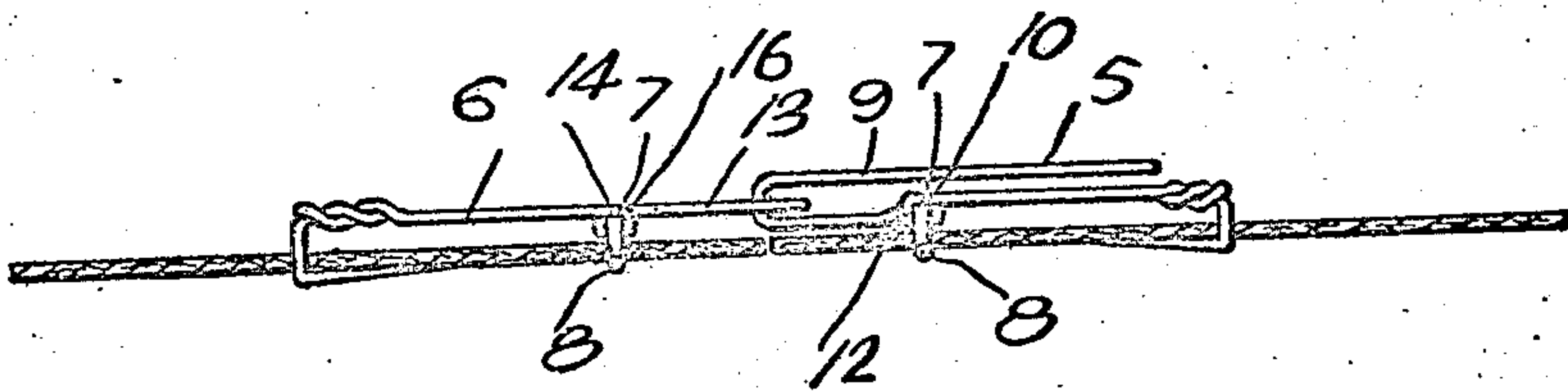


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

NELLIE K. SMALL, OF LOS ANGELES, CALIFORNIA.

HOOK AND EYE.

No. 898,936.

Specification of Letters Patent.

Patented Sept. 15, 1908.

Application filed August 22, 1907. Serial No. 389,687.

To all whom it may concern:

Be it known that I, NELLIE K. SMALL, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles, State of California, have invented certain new and useful Improvements in Hooks and Eyes; 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.

The present invention has reference to hooks and eyes, and it aims to provide an exceedingly simple and inexpensively constructed fastening device of that nature which may be attached to a garment without the necessity of sewing.

To this end each member of the fastener consists of a pair of wires, one of which serves as the fastener proper and the other as a support therefor, the operative wire or fastener proper being secured intermediate its ends to the bight portion of the corresponding U-shaped support.

The invention will be readily understood from a consideration of the following detailed description and its preferred embodiment is illustrated in the accompanying drawings in which like parts are designated by corresponding reference numerals throughout the several views.

Of the said drawings, Figure 1 is a perspective view of the hook member of the fastener, Fig. 2 is a similar view of the eye member, and, Fig. 3 is a side elevation of the fastener in place upon the meeting edges of the fabric.

Referring more particularly to the drawings, 5 designates the hook member and 6 the eye member of the fastener, each member being formed of two strips of steel wire one of which, in each instance, is in the form of a U-shaped support 7, the free ends of the legs 8 of which are pointed as shown.

The wire which forms the operative portion, or hook proper of the member 5 is bent first upon itself to provide a narrow or elongated loop 9, whose arms diverge towards the adjacent ends of the bight portion 10 of the corresponding support 7, around which they are coiled, as indicated by the numeral 12, and are then directed rearwardly and twisted around each other, diverging again thereafter; the ends of said arms are then bent downwardly so as to lie directly in the rear of

and parallel with the legs of the support, the extremities of said arms being likewise pointed. The loop 9 is finally bent upon itself and its free end directed rearwardly across the bight portion 10, the two portions of the loop being disposed in spaced relation.

The wire of which the eye proper is constructed, has its central portion bent to form a forwardly-extending semi-circular loop 13 which rests upon the bight portion 14 of the corresponding support 7, at opposite ends thereof, the sides of the loop being likewise coiled around the bight portion of said support at such points as at 16, and then directed rearwardly and twisted together, as shown, the ends 17 of said sides being bent downwardly similarly to the bent ends of the arms of the hook loop 9. The extremities of said down-bent portion or spurs 17, are likewise sharpened. In attaching the fastener, the sharpened ends or prongs of each member are forced through the fabric, and are then bent backwardly thereagainst, as shown in Fig. 3. The bight portion of each support is preferably flattened.

What is claimed, is—

1. A member of a hook and eye fastener consisting of a pair of intertwisted wires, one of which is bent to form a U-shaped support having the terminals of its legs sharpened, the other wire being bent to form a loop having its arms coiled around the bight portion of said support and directed rearwardly thereof, and intertwisted, the free ends of said arms being bent downwardly parallel with the legs of said supporting member, and having sharpened terminals.

2. An eye comprising a vertical U-shaped support formed of a strip of wire, and a second strip of wire bent to form a central semi-circular loop resting at opposite ends upon the upper face of the bight portion of said support, the arms of said loop being coiled around the corresponding ends of said bight portion and directed rearwardly thereof and twisted together, the free ends of said arms being bent downwardly parallel with the legs of said support.

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

NELLIE K. SMALL.

Witnesses:

PERCY B. LLOYD,
ESTHER M. FILSON.