

(No Model.)

F. W. WALL.
HOOK AND EYE.

No. 522,541.

Patented July 3, 1894.

Fig: 1.

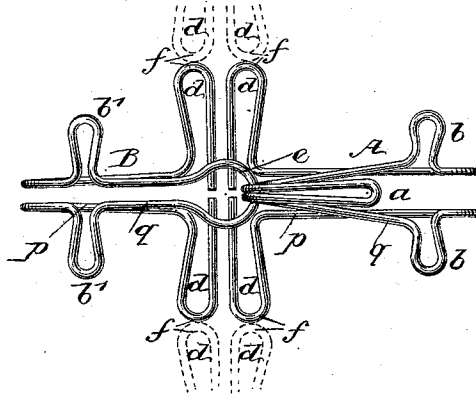
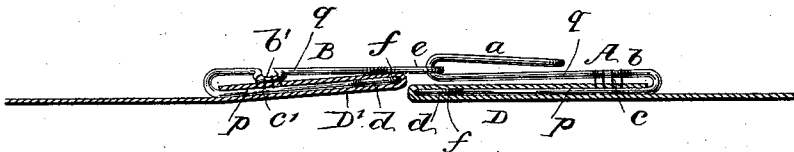


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

FREDERIC WATSON WALL, OF FORT WORTH, TEXAS, ASSIGNOR OF ONE-HALF TO SIDNEY MARTIN AND JAMES HARRISON, OF SAME PLACE.

HOOK AND EYE.

SPECIFICATION forming part of Letters Patent No. 522,541, dated July 3, 1894.

Application filed October 31, 1893. Serial No. 489,593. (No model.)

To all whom it may concern:

Be it known that I, FREDERIC WATSON WALL, of Fort Worth, in the county of Tarrant and State of Texas, have invented a new and useful Improvement in Hooks and Eyes, of which the following is a full, clear, and exact description.

This invention consists in a hook and eye fastening of novel construction, substantially as hereinafter shown, described and pointed out in the claims. Said invention, although applicable wherever hooks and eyes are suitable, is more especially designed for fastening dresses and clothing, such for instance as dress bodices, and when so applied the improved hooks and eyes prevent gaping of the dress front, keep the latter in perfect alignment and when hooked prevent the dress or garment from being accidentally unhooked.

Reference is to be had to the accompanying drawings, forming a part of the specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 represents a face view of a hook and eye embodying the invention, and in engagement with each other. Fig. 2 is a plan view of the same applied to the meeting edges or portions of a dress bodice or other article shown only in part and in section.

A indicates the hook portion of the fastening, and B the eye portion thereof. Each of these members is made of a separate and continuous piece of wire doubled over upon itself to form a base portion *p* and a return portion *q*; and bent to form in the one member A the hook proper *a* and opposite open side loops *b*, *b'*, for securing by stitching or otherwise, as at *c* in Fig. 2, said member A to the one piece of cloth or meeting portion D of the garment. The piece of wire which constitutes the other member B is doubled over upon itself and bent to form the eye proper *e* with which the hook proper *a* engages, and also to form opposite open side loops *b'* *b'* for sewing, by stitching or otherwise, as at *c'* in Fig. 2, said member B to the other piece of cloth or meeting portion D' of the garment.

Another very important feature of my invention is constructing the members A, B, with a bar or branch *d*, extending laterally outward

in approximately straight or crosswise directions from opposite sides of the members A and B at or below the root end of the hook proper *a* and eye proper *e* of the member B. These bars or branches *d* may be formed by the extension of the main body of each wire, and afterward doubling such extensions over upon themselves in the shape of elongated open loops leaving rounded outer ends *f*, the ends of the wire being in contact with each other or nearly so, as shown. Said crossbars or branches *d* constitute aligning strips which, when the members A and B are respectively stitched or secured to the meeting portions D D' of the goods, garment or dress bodice as shown in Fig. 2, come in line with the front edges of the goods or bodice, and which branches *d* come in contact at their outer ends *f* with corresponding strips or branches *d* of the adjacent hooks and eyes in the same line or course, as shown by dotted lines in Fig. 1. The eye proper *e* projects beyond the branches *d* of the eye member B and over the branches *d* of the hook member A. This feature, and the fact that the branches *d* of adjacent hooks and eyes are in contact with each other at their outer ends *f*, prevent the goods or bodice from gaping, and the branches *d* of the several hooks and eyes in the same line or course form an unbroken edge or continuation, whereby strain on the goods will not be thrown on the points of the attached fastenings, and the hooks and eyes are restrained from being accidentally disengaged. These hooks and eyes may be made of varied sizes and can be used on any place or garment where hooks and eyes are employed to make concealed fastenings.

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

1. In a hook and eye fastening, a hook member consisting of an integral piece of wire comprising a base portion formed at one of its ends with transversely disposed elongated branches and curved up at its opposite end, a return portion extending longitudinally over the base portion from the upwardly-curved end thereof, the said return portion being provided with transversely-disposed essentially plane open loops located at some dis-

tance from the upwardly curved end of the base portion, and a hook proper joined to that end of the return portion which is nearest to the transverse branches of the base portion, 5 the hook extending rearward over the return portion, substantially as described.

2. In a hook and eye fastening, an eye member, consisting of an integral piece of wire comprising a base portion formed at one of its 10 ends with transversely-disposed elongated branches, and curved up at its opposite end, and a return portion extending longitudinally

over the base portion from the upwardly-curved end thereof, the said return portion being formed with the eye proper, and being 15 provided, intermediate of the bend that joins it to the base portion, and the eye proper, with essentially plane, transversely disposed open loops, substantially as described.

FREDERIC WATSON WALL.

Witnesses:

J. L. WATTS,
J. T. LOFTON.