

H. W. BARCLEY.
WIRE GARMENT STAY.
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949,052.

Patented Feb. 15, 1915.

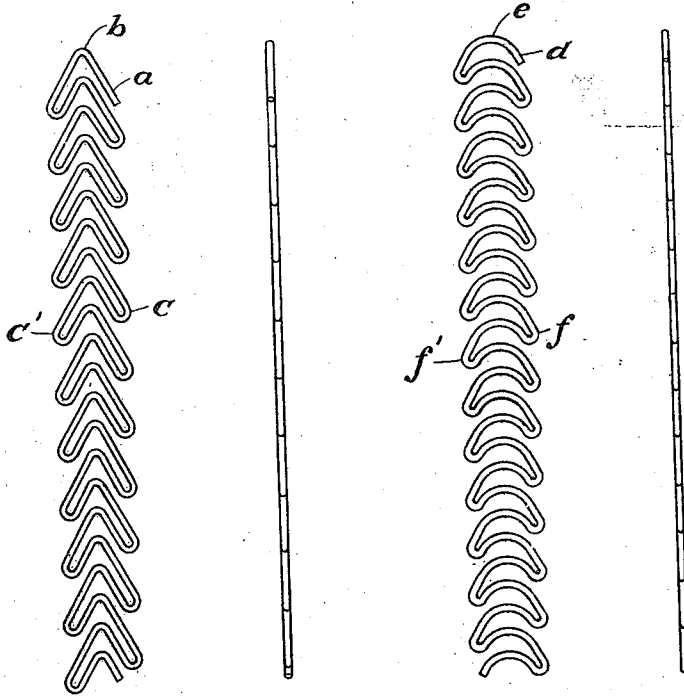


FIG. 1 FIG. 2 FIG. 3 FIG. 4

WITNESSES.

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HARRY W. BARCLEY, OF NEWARK, NEW JERSEY.

WIRE GARMENT-STAY.

949,052.

Specification of Letters Patent.

Patented Feb. 15, 1910.

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To all whom it may concern:

Be it known that I, HARRY W. BARCLEY, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Wire Garment-Stays, of which the following is a specification.

My invention relates to improvements in wire garment stays, formed of a single wire, bent laterally in approximately parallel lines, but extended longitudinally in one direction in a pointed or curved manner to form a bluntly barbed arrangement of each complete loop; and the objects of my improvements are, first, to provide a wire stay flexible in all directions, second, to afford easy facility for insertion into the receptacles therefor in the garment, third, to provide a light thin stay in which the bends thereof all lie normally in the same plane; fourth, to add stiffness to the stay, by reason of the fabric of the garment forming a support for the longitudinally elongated bends of the wire, fifth, to overcome the tendency of the stay to work downward and force itself through the fabric of the garment at the bottom of the containing pocket. I attain these objects by the wire stays illustrated in the accompanying drawing, in which—

Figure 1, is a plan of my invention, showing the pointed elongation of bends. Fig. 2, is a side view of same, showing all bends to lie normally in the same plane. Fig. 3, is a plan of curved elongation of bends. Fig. 4, is a side view of same, showing all bends to lie normally in the same plane.

Similar letters refer to similar parts throughout the several views.

Referring to Figs. 1 and 2; the wire *a* used to form this stay, is preferably of tempered steel of great elasticity, and it is bent into loops of greater length than the width of the stay; each loop being then pressed into pointed form *b*, all in the same direction longitudinally of the stay; thus forming an arrow like structure bluntly barbed at the side bends *c, c'*, which being capable of bending inwardly as to the width of the stay and springing outwardly retains the

stay in its receptacle by means of the pressure of the bends *c, c'*, upon the fabric of the garment. Such formation gives great facility in inserting the stay into the receptacles therefor in the garment, in the direction of the point *a*; while at the same time it reduces the tendency of the stay to creep downward and force itself through the fabric at the bottom of the containing pocket, while in actual use.

Referring to Figs. 3 and 4, the wire *d*, is bent into elongated curves *e*, all in the same direction lengthwise of the stay, and all lying normally in the same plane. The return bends *f* and *f'*, being rounded rather than abrupt. One object of the elongated bends *e*, being to give greater stiffness to the stay by reason of the support given to such form, by the fabric of the receptacle therefor in the garment; or by any covering which may be applied thereto. It will be understood that the same facility for the insertion and maintenance of the stay in the garment heretofore referred to, applies to this curved variation in form of bend to produce the stay.

What I claim and desire to secure by Letters Patent is—

1. A wire garment stay, formed of a single wire, bent in alternately progressive loops, each extending laterally entirely across the width of the stay, and disposed at an acute or oblique angle to the longitudinal axis of the stay, substantially as shown and set forth.

2. A wire garment stay, formed of a single wire, bent laterally across the entire width of the stay, in alternately progressive loops, open at the side, and extended at an acute or oblique angle to the longitudinal axis of the stay, to produce a pointed or curved formation to each loop, all in the same plane; substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HARRY W. BARCLEY.

Witnesses:

ANNA M. ENS,
ELIZABETH M. LUDWIG.