

*Leach & Wardwell,
Coat and Cloak Hanger.*

N^o 79,580.

Patented July 7, 1868.

Fig: 1.

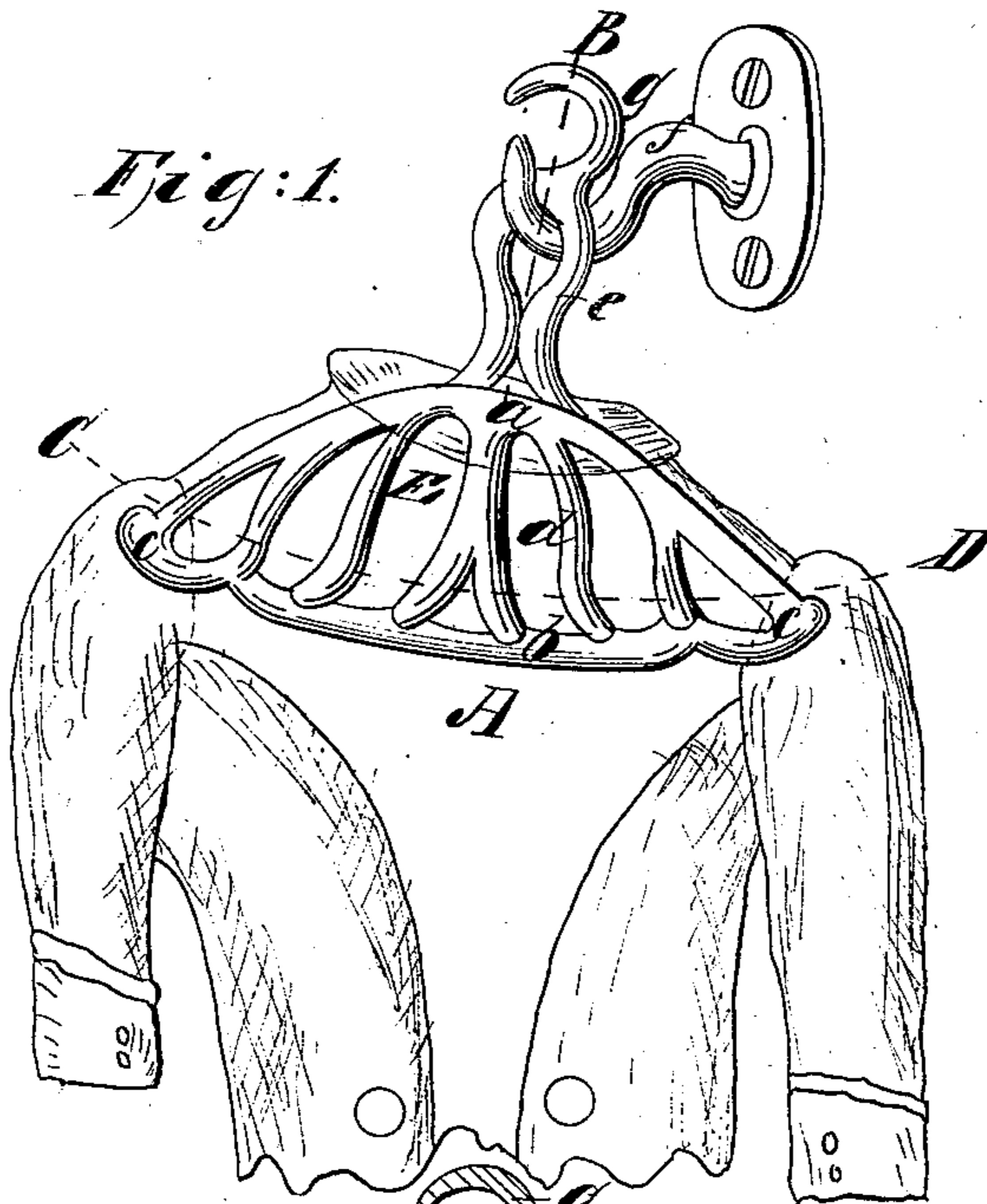


Fig: 2.



Fig: 3.



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J. D. LEACH, OF PENOBSCOT, AND E. S. WARDWELL, OF BUCKSPORT, MAINE.

Letters Patent No. 79,580, dated July 7, 1868.

IMPROVED CLOAK AND COAT-SUSPENDER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, J. D. LEACH, of Penobscot, and E. S. WARDWELL, of Bucksport, both in the State of Maine, have invented a new and useful or improved Coat and Cloak-Suspender; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of our invention with the upper part of a coat suspended thereon.

Figure 2 is a vertical section taken on line A B, fig. 1; and

Figure 3 is a horizontal section taken on line C D, fig. 1.

Similar letters of reference indicate corresponding parts in the several figures.

The nature of our invention consists in a suspender for coats and cloaks, constructed of metal or other suitable material, and formed to correspond to the form of the upper part of the human shoulders, it having a vertical as well as horizontal curve conforming to the outlines of that part of the human form, and having a sufficient lateral breadth to support the shoulders of the garment, with a contour at its upper part conforming to the garment's shape, and being provided with a central hook or loop for attaching it to a rod, hook, or other support; the suspender and its hook being relatively so adjusted that the line of gravity, when supporting the garment, shall allow the latter to hang naturally, without danger of being distorted or drawn out of shape, as so often results from the use of hoops, rods, and the other usual appliances used for suspending coats and cloaks.

In the drawings, E represents the body of the suspender, which consists of an upper bar, *a*, and a lower bar, *b*, which intersect and unite at *c c*, which points constitute the extremes of the wings of the suspender. The bars *a b*, besides being united at *c c*, are also strengthened by the cross-bars *d d*, which extend from one to the other, and which also serve, by their backward curve, to give the suspender its proper contour.

The bar *a* is of sufficient convexity to correspond to the shape of the garment, as shown in fig. 1.

e is the eye, which may be formed as a part of the suspender, or may be made separate, and afterwards attached thereto. This eye is formed with a suitable angle to the vertical line of the body, as shown in fig. 2, so that the suspender and coat shall conform to each other in their vertical line.

As before stated, the loop *e* may be employed when wardrobe-hooks, as shown at *f*, form the means of suspension, but when rods are employed, a hook, as shown by dotted lines at *g*, would be more useful, and both may be formed on one suspender.

The bar *b* has a backward curve, as shown in fig. 3, and the bar *a* having a similar backward curve, the suspender has thus, in this direction, the required fullness of form to adapt it to that of the garment.

This suspender we usually form of iron, by casting, as a rapid and inexpensive means of producing them; but when lightness is of importance, they can be formed of sheet metal, by means of dies, or they can be constructed of wood; in either of which latter cases they may be formed with continuous surface or open work, as here shown.

What we claim as a new article of manufacture, and desire to secure by Letters Patent, is—

The coat and cloak-suspender E, when constructed of iron or other suitable material, and formed with its upper convexity of line, its backward horizontal curve from the ends to the centre, its vertical curve, and the hook or loop *e*, formed relative to the body of the suspender, so that the centre of gravity of the suspender, and the garment hung thereon, shall coincide, all substantially as described and shown.

J. D. LEACH,
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Witnesses:

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