

(Model.)

V. LAVALLETTE.
DRESS SHIELD.

No. 555,383.

Patented Feb. 25, 1896.

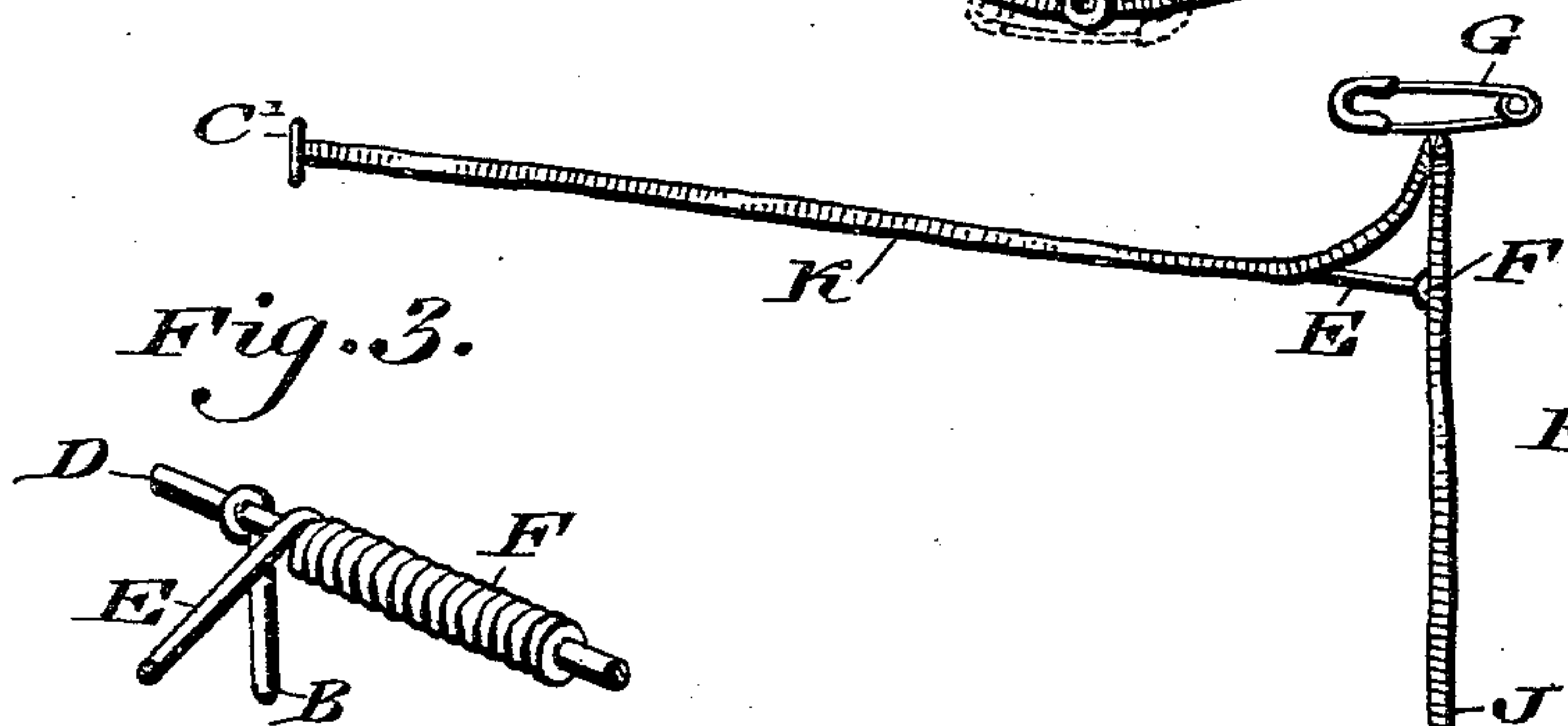
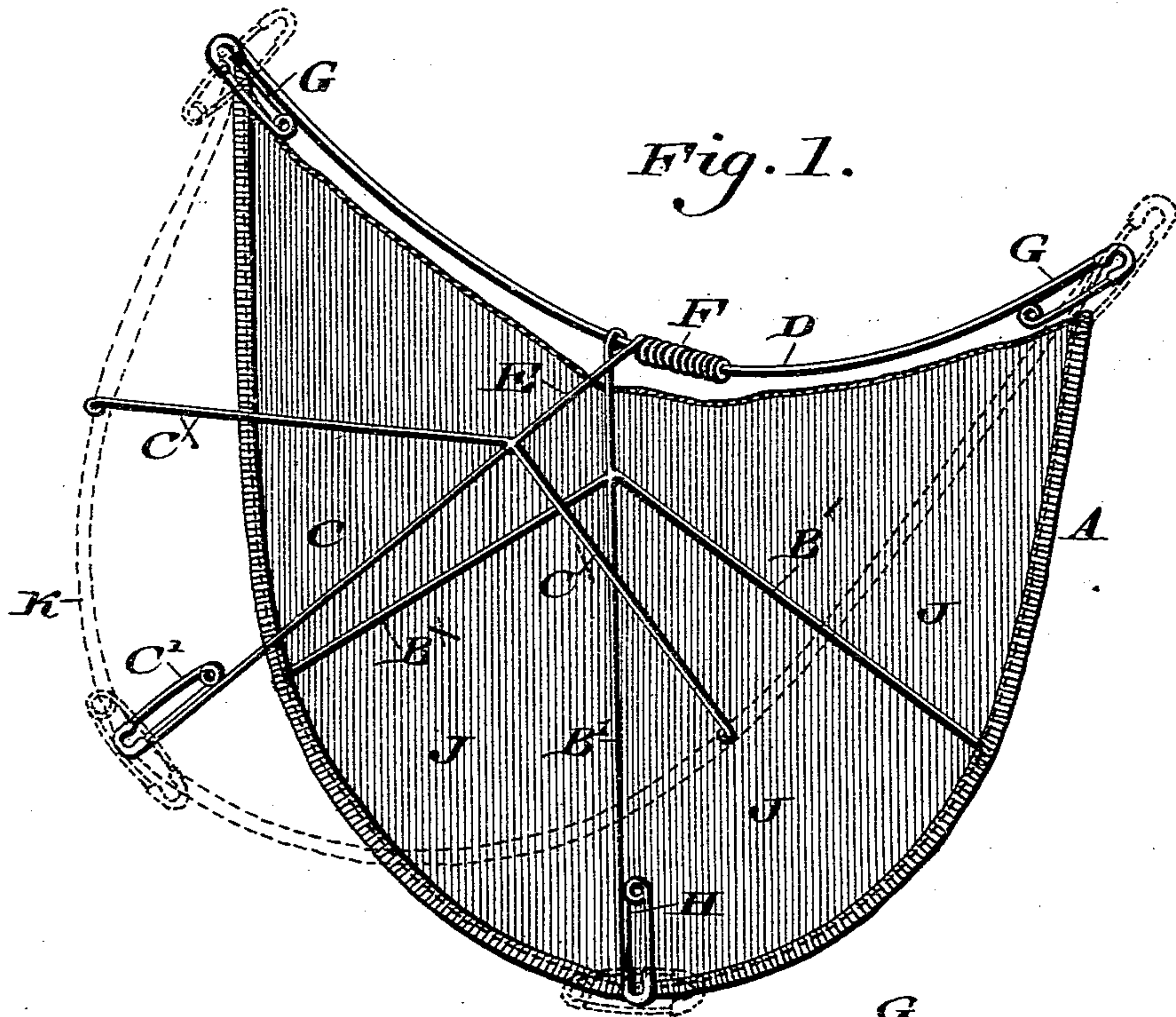


Fig. 2.

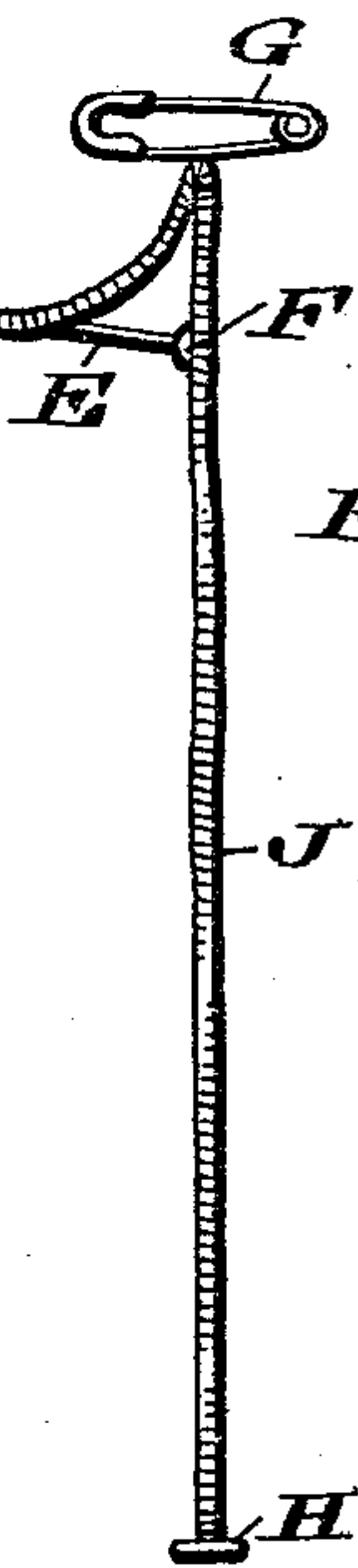
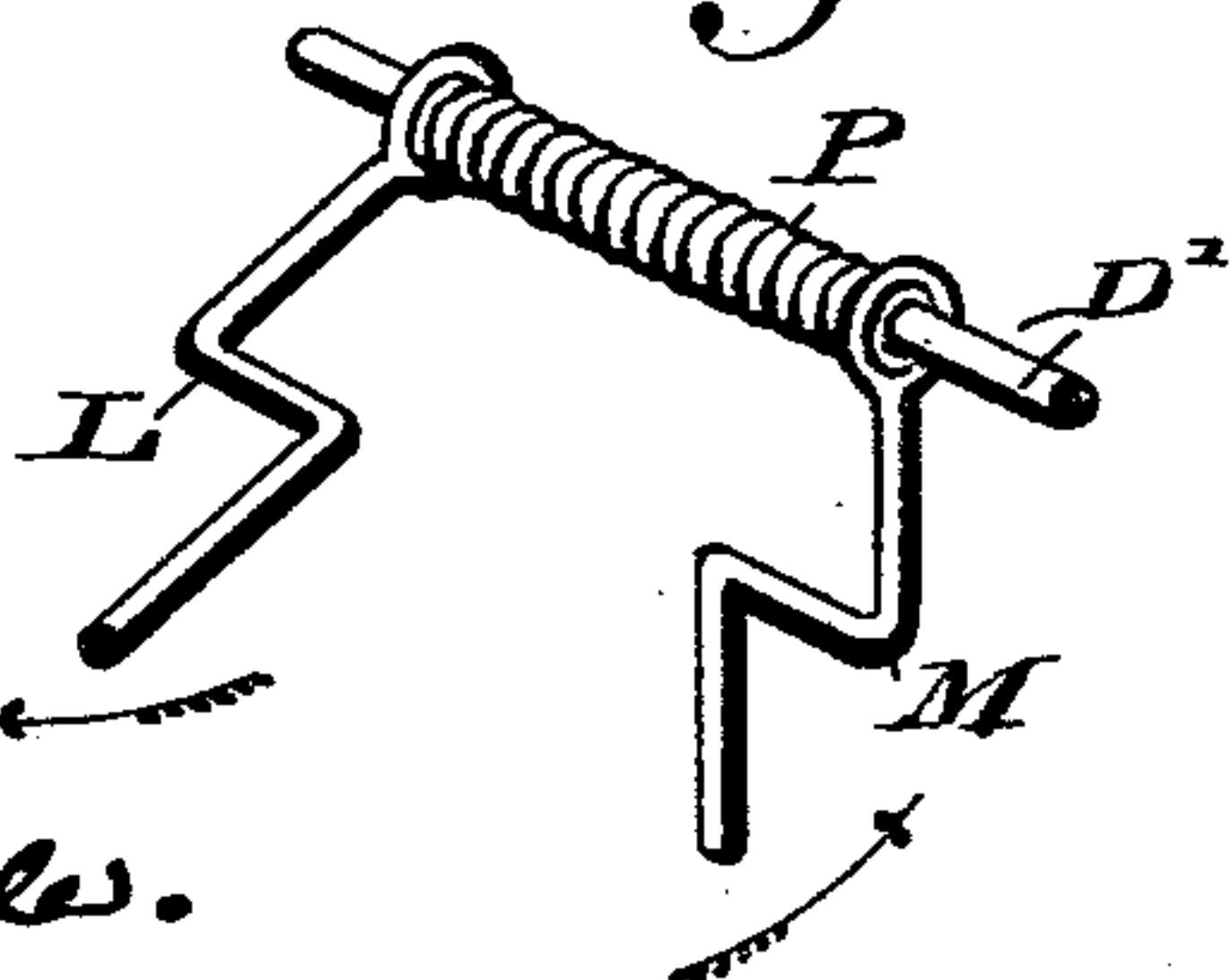


Fig. 4.



WITNESSES:

O. H. Hagler.
L. Douville.

INVENTOR
Virginia Lavallette.
BY
John A. Diederich
ATTORNEY.

UNITED STATES PATENT OFFICE.

VIRGINIA LAVALLETTE, OF PHILADELPHIA, PENNSYLVANIA.

DRESS-SHIELD.

SPECIFICATION forming part of Letters Patent No. 555,383, dated February 25, 1896.

Application filed July 20, 1895. Serial No. 556,548. (Model.)

To all whom it may concern:

Be it known that I, VIRGINIA LAVALLETTE, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Dress-Shields, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a dress-shield having two or more frames, one of which is provided with a top piece to which the other frame is secured, and a spring connected with said frames so as to separate the same as the arm of the wearer is raised, whereby the shield may be worn with comfort, and its resistance due to frictional contact with the garment, especially when wet with perspiration, is reduced, so that its opening motion is eased, as will be hereinafter described.

Figure 1 represents a perspective view of a dress-shield embodying my invention, part of the fabric or covering having been removed. Fig. 2 represents an edge view thereof. Fig. 3 represents a perspective view of the hinge and spring of the frame of the device on an enlarged scale. Fig. 4 represents a perspective view of another form of hinge and spring that may be employed.

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

Referring to the drawings, A designates the support of the shield which consists of the frames B and C, the frame B having the concave top piece D to accord with the armpit of the wearer, said frames being preferably formed of wire.

The frame C has its central piece E continued into a coil F as a hinge, which embraces the top piece D, and has one end firmly secured thereto, forming a spring which serves to throw out the frame C from the frame B, it being noticed that the wires B^x B^x of the frame B extend laterally from the central wire B', and form a bifurcation, and that the wires C^x C^x of the frame C extend laterally from the central wire E and also form a bifurcation, so that while the frames B C are composed of few pieces they are wide and light in structure.

At the ends of the piece D are secured the safety shield or other pins G, and at the bottom of the central piece B' of the frame B is secured the safety shield or other pin H. At the bottom of the frame C is secured a similar pin C', said pins G, H, and C' extending in either vertical or horizontal directions, as shown in full and dotted lines.

The frames are connected with material or covering suitable for a dress-shield, as shown at J and K, the material K having been removed from Fig. 1.

It will be seen that the shield may be attached to a garment on opposite sides of the armpit portion thereof, and as the arm is raised the frame C is forced out by the spring F, and so follows the motion of the arm, overcoming the resistance usually occasioned by the covering-garment of the shield, especially when in wet condition due to perspiration. When the arm is lowered, the frame C is closed as usual.

In Fig. 4 I show the top cross-piece D', on which are mounted the arms L and M, each of which carries a frame, such as B or C, or similar construction.

The upper end of each arm has a coiled spring P, which is mounted on the cross-piece D' as an axis, and serving to throw the frame and the covering fabric or material in opposite directions.

The shield-pins may have one of the longitudinal sides of the same produced of portions of either of the respective pieces of the frames, said sides and portion being integral, a form of which is shown at the right-hand corner of Fig. 1.

The covering of the shield is secured to the frames in any suitable manner.

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

1. A dress-shield formed of two frames each having a covering thereon, one of said frames having a curved top piece and the other having a spring connected with said top piece, said parts being combined substantially as described.

2. A dress-shield consisting of two frames,

one of which has a curved top piece, and the other having a cross-piece with a spring attached to said curved top piece, and fastening-pins on said frames, said parts being combined
5 substantially as described.

3. A dress-shield provided with two frames, one of the same having a top piece, and a sepa-

rating-spring connected with said top piece and the other frame, substantially as and for the purpose set forth.

VIRGINIA LAVALLETTE.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. JENNINGS.