

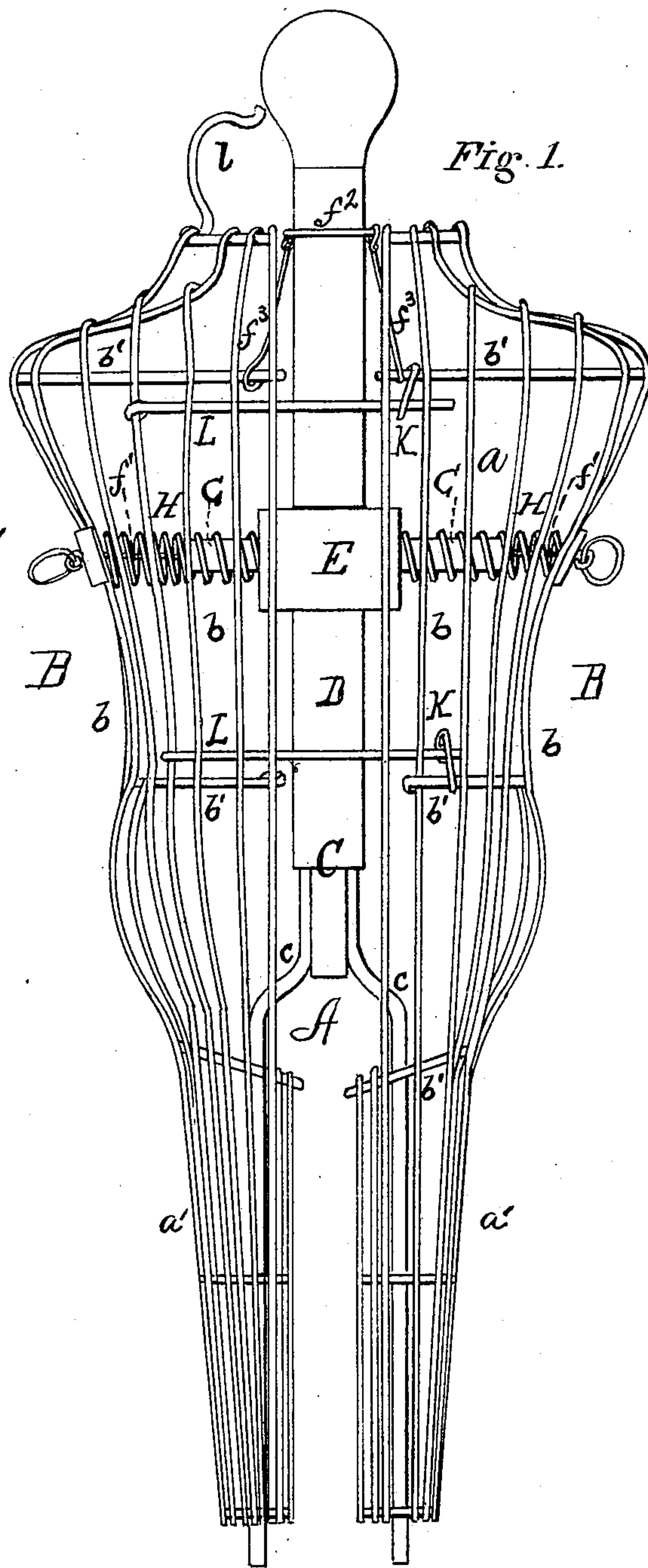
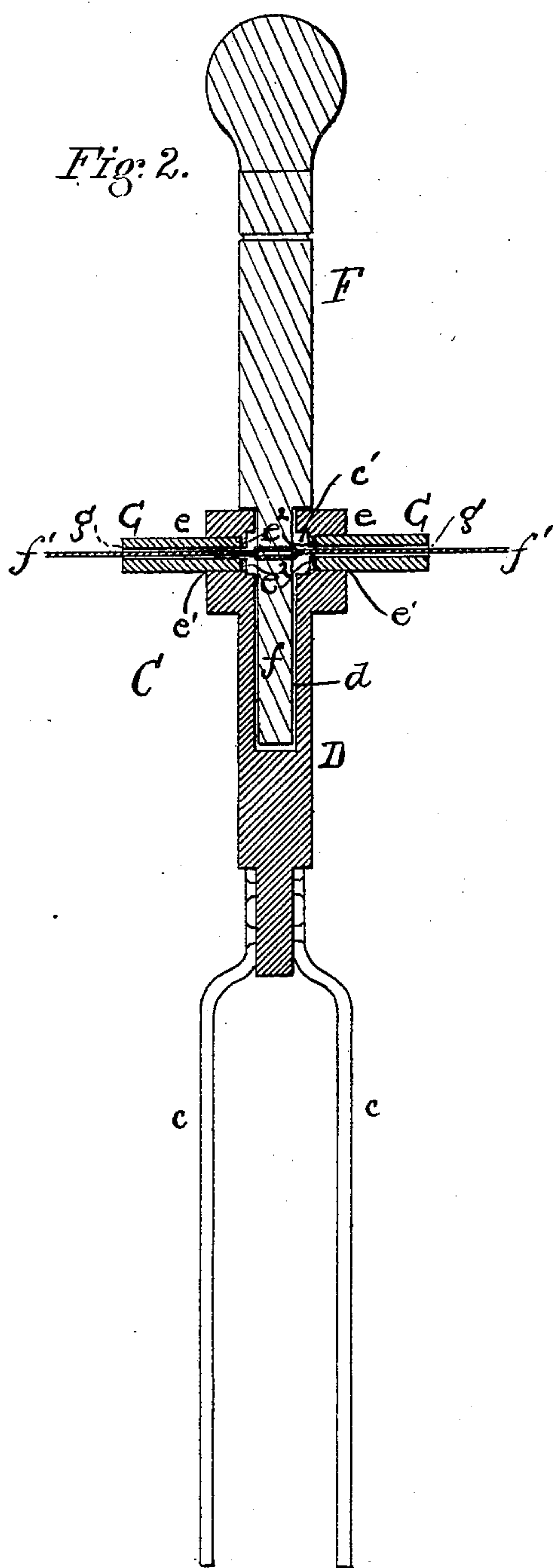
(No Model.)

J. B. PAYNE.

SELF FITTING CLOTHING FORM.

No. 282,665.

Patented Aug. 7, 1883.



Attest.
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UNITED STATES PATENT OFFICE.

JOSEPH B. PAYNE, OF WELLSBURG, NEW YORK.

SELF-FITTING CLOTHING-FORM.

SPECIFICATION forming part of Letters Patent No. 282,665, dated August 7, 1883.

Application filed April 14, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH B. PAYNE, of Wellsburg, in the county of Chemung and State of New York, have invented certain new and useful Improvements in Self-Fitting Dress-Forms; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a plan view of the device. Fig. 2 is a sectional detail.

This invention relates to dress-forms. Its object is to produce a form which shall be self-fitting, and will be adapted to fit a full suit of men's or boys' clothing.

The invention consists in the construction hereinafter set forth.

In the annexed drawings, the letter A represents a frame to be used for holding a full suit of men's apparel, and has the body a and legs a' a' . This frame is made in two halves, B B, entirely separate and distinct each from the other, each part or half consisting of vertical wires b and cross-wires b' , as drawn.

Passing down the middle of the frame is a standard, C, having at its bottom the leg-braces c c , which are attached to the legs a' a' of the frame.

The lower portion, D, of the standard C has an enlargement, E, at the top, and through this enlargement and down into the portion D is made a bore, d . Within the enlargement this bore is increased in size, so as to form a chamber, c' .

Passing through the end e e of the enlargement are two seats, e' e' , the bottoms of which are formed by diaphragms e^2 e^2 , having at their centers holes leading from the seats e' e' into the chamber c' .

Passing down the bore d is the stem f of handle F, to which stem two cords, f' f' , are fastened within the chamber c' , such cords passing out through the holes. Seated in the seats e' e' are two stems, G G, having the bores g g , the

said stems resting against the diaphragms e^2 e^2 , and the cords f' f' passing through the bores g g .

Surrounding the stems G G are springs H, which bear against the ends of the enlargement E at one end and the frame A at the other. The cords f' f' pass through these springs, and both cords and springs are secured to the frame A.

Near the top the handle F is provided with a ring, f^2 , from which wires f^3 run to the frame A, thus bracing the standard at the top.

At various points loops K are secured to one of the halves B B and tongues L to the other half, such tongues engaging the loops and keeping the halves in proper position. At the top one half is provided with a hook, l , adapted to catch over the top of the other half and hold the two together when closed.

In use the handle F is turned, winding the cords f' f' about the stem f in the chamber c' , drawing the halves together and compressing the springs. In this position they are held by catching the hook l over the top of the opposite half. The garments of the suit are then put over the form and properly buttoned. As the frame is within its normal limit this buttoning is easily done. The hook l is then released, and the springs throw the halves as far apart as the garments will allow, bringing the latter to their full and proper size and shape and fitting perfectly.

By the adjustability of this frame it is adapted for garments of different sizes, as it is compressed for putting the garments on, and the spring spreads it out to the proper distance.

Having described my invention, what I claim is—

1. A self-fitting form of the shape described, and adapted for a full suit of men's garments, as set forth.

2. The self-fitting frame A, consisting of the two halves B, each having a body, b , and a leg, a' , as set forth.

3. The self-fitting frame A, constructed as set forth, in combination with the standard C and means, substantially as described, for closing and opening the halves, as set forth.

4. The combination of the halves B B, standard C, consisting of the bottom portion, D, and handle E, the cords *f' f'*, and springs G G, as described.
5. The self-fitting frame A, having the hook *l*, for holding the two halves together when closed, as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOSEPH B. PAYNE.

Witnesses:

H. C. NORTH,
GEO. F. GRAHAM.