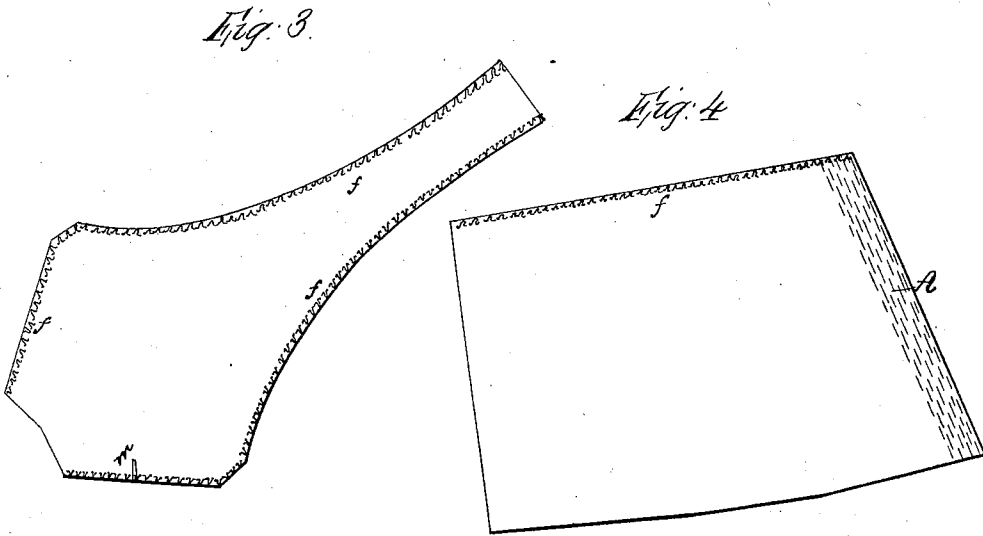
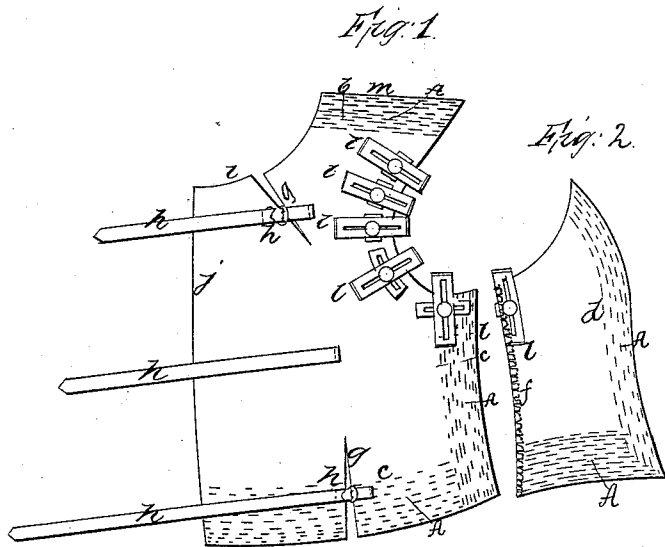


*S. Shawcross,
Coat Pattern.*

N^o 10,052.

Patented Mar. 22, 1870.



*Witnesses:
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United States Patent Office.

SAMUEL SHAWCROSS, OF FREEPORT, ILLINOIS.

Letters Patent No. 101,052, dated March 22, 1870.

IMPROVEMENT IN ADJUSTABLE GARMENT-PATTERNS.

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

To whom it may concern :

Be it known that I, SAMUEL SHAWCROSS, of Freeport, Stephenson county, Illinois, have invented a new and useful device called an Adjustable Coat-Pattern, for determining an accurate pattern for a coat on the person of the customer. The following is a description of the construction and operation of the same, reference being had to the accompanying drawings.

I construct this device of firmly-woven cloth or other pliable material in seven separate parts, more or less, corresponding to the several parts of an ordinary coat pattern, of which—

Figures 1 represent the left side fore part;

Figures 2, the left-side side-body;

Figure 3, the back; and

Figure 5, the left skirts.

I work on the fore parts and side bodies a series of lines of stitches A, figs. 1, 2, and 4, along the shoulder, waist, side, and back-seams, marked A respectively.

I also attach a number of hooks, *f*, figs. 2, 3, and 4, along the side-seams on side-bodies, shoulder, and back-seams on back and waist-seams on skirts.

The fore parts are provided with gores, fig. 1, in the upper and lower part *g* with straps and buckles *h*, also five metallic slides, L, along the arm size. The side-body is also provided with one of these slides.

Guide-points M, figs. 1 and 3, at shoulder-seams are made thirty-six size, breast measure.

I operate this device as follows:

Previously to applying it to the person I attach the back by means of the hooks *f* and stitches *a* at shoulder-seams at or near the guide-points M, figs. 1 and 3, being governed by the relative size of the person; if smaller than thirty-six, breast measure, the guide-points on back are brought below corresponding points on fore parts, and if larger, above.

I then attach the side-bodies to fore parts similarly by means of these hooks and stitches.

The parts thus connected, the device is now placed upon the person and its balance secured.

I now connect the back by same means to side bodies, and then fasten in front by means of straps and buckles *h h*, determining breast and waist by means of the gores *g*, the edges of which are made to approach each other according to the conformation of breast.

I now fasten the side-bodies to fore parts, commencing under arm size, half-way down to waist-seam, then, seeing that the top of back reaches about to the socket bone, I fasten it along shoulder-seams to fore parts and then fasten sides of back to side-bodies

which are kept snug to the form with the hand, altering the fastening process from one side to the other, so as to keep the center seam of back accurately in its place from socket to waist.

Now I measure from collar-seam to waist, along center of back, marking the point at waist.

If the gorge *i* on fore part does not come up under the chin enough, I make a mark on breast-figure *j*, and measure with the tape from the mark to point, where I design the ends of collar to meet, marking in figures on the device the distance indicated.

I now take a square and place its short arm between the crotch of pants with its long arm extended up the center of breast, and mark with the chalk along the upright arm of square, thereby determining center of breast.

Now I mark along the shoulder, waist, side and back-seams of one side of the device, and also along the gorge, from back of neck to end of collar, determining the collar-seam.

Then I connect the skirts to waist by means of hooks and stitches already described, and with it determine its drapery and style.

Lastly, I determine the size by means of the slides L, which are moved backward or forward, according to the sized size required. They properly adjusted, the pattern is accurately obtained and ready to be transferred to paper, which is done by laying the paper on a cloth on a table, placing the device upon it, and pricking with a needle or other sharp instrument along the chalk marks and hooked edges through the paper, which, when marked and cut, as indicated by the needle pricks, is ready for the cloth.

The foregoing is a full and specific description of my device; and

What I claim as my invention, and wish to secure by Letters Patent, is as follows:

1. The adjustable coat-patterns, so constructed as to be capable of adjustment to all forms and sizes, regular or irregular, and adapted to determine not only the fit but the hang and balance of the garment, as herein set forth and shown.

2. The series of hooks and loops *ff* and A A, in combination with the several patterns, substantially as described, for the purpose specified.

3. The adjustable slides L L, in combination with the main device, substantially as described and set forth.

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Witnesses:

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