

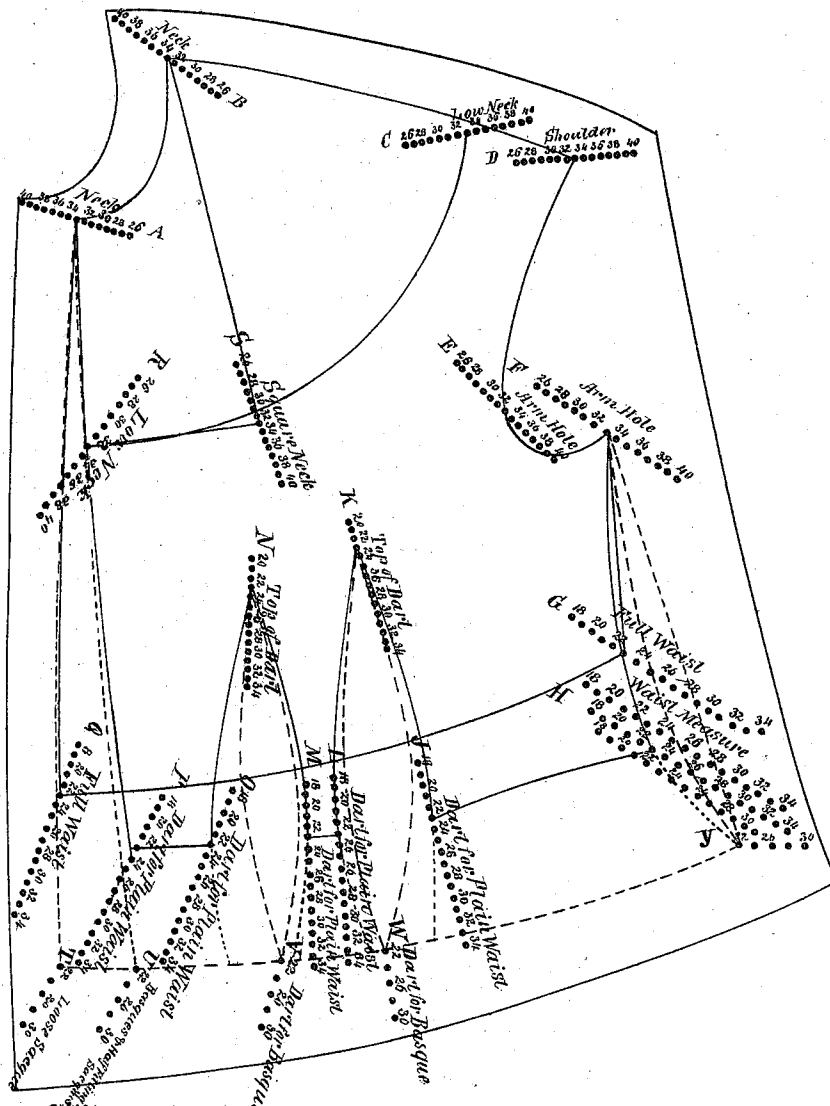
SARAH A. MILLWEE.

Patterns for Cutting Garments.

No. 126,825.

Patented May 14, 1872.

Fig. 1.



Witnesses:

G. Matthews.

John C. Lemon

Inventor:

Sarah A. Millwee

PER

Wm. T. C.

Attorneys.

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Fig. 2.

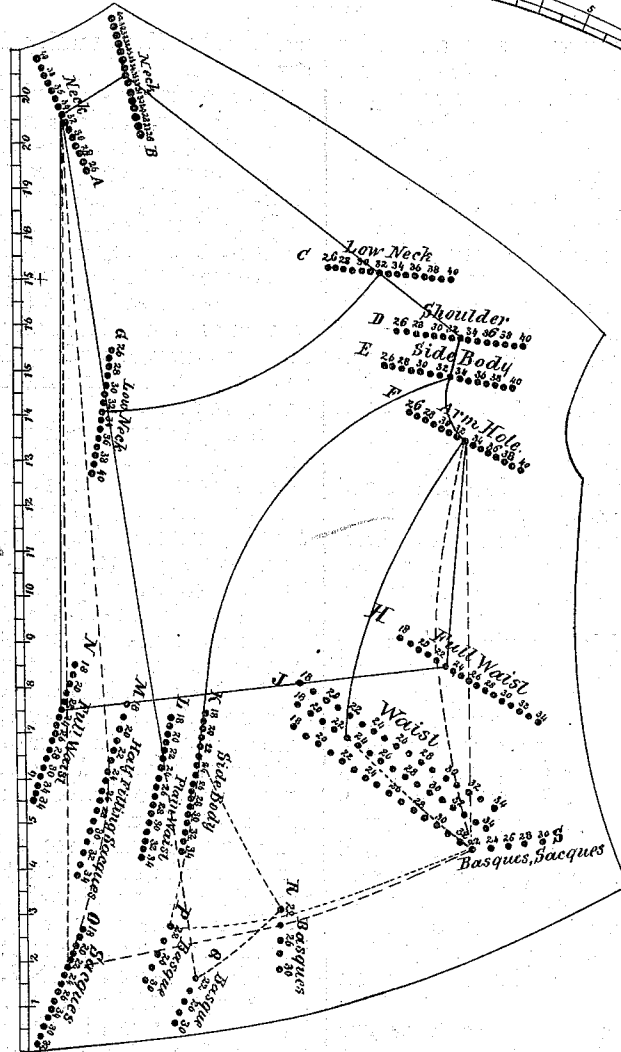
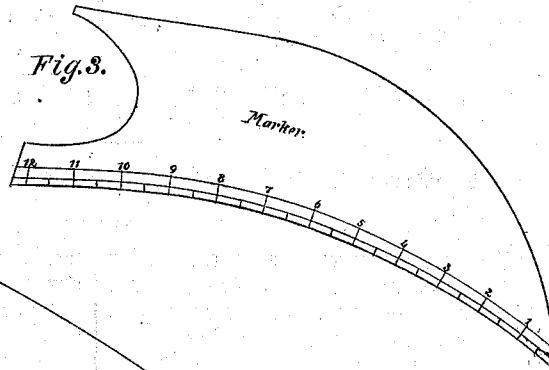


Fig. 3.



Witnesses:

G. Mathys
John C. Lemon

Inventor:

Sarah A. Millwee

PER

Wm. F. C.

Attorneys.

UNITED STATES PATENT OFFICE.

SARAH A. MILLWEE, OF GREENWOOD, SOUTH CAROLINA.

IMPROVEMENT IN PATTERNS FOR CUTTING GARMENTS.

Specification forming part of Letters Patent No. 126,825, dated May 14, 1872.

Specification describing a new Pattern for Cutting Garments, invented by Mrs. SARAH A. MILLWEE, of Greenwood, in the county of Abbeville and State of South Carolina.

The invention will be first fully described and then clearly pointed out in the claim.

Figure 1 represents the "front; Fig. 2, the "back" chart; and Fig. 3, the "marker."

Three measurements are first taken with a tape line. The first is the breast-measure, which is obtained by passing the tape about the body, close under the arms, above the bosom, and with moderate pressure; the second is the circumferential measure of waist, which is obtained in the usual way; and the third, the length of waist from bottom of arm-hole to bottom of waist.

These data being obtained, if it is desired to make the waist plain the operator proceeds as follows: In Fig. 1 the letters of the alphabet from A to Y represent a series of scales, with a hole punched out opposite to each figure.

In getting front of ladies' plain waist the mode of operation is as follows: Allow one and one-fourth inch for hem; draw straight line, and place "front" chart, with number of breast-measure on scale A, and waist-measure on scale P on the line; dot them; also, mark breast-measure on scales B D E F, and waist-measure on scales H J K L M N O; remove chart; draw line from A to B, (by neck of chart,) B to D, (by shoulders,) D to E, (by concave side of marker or rule,) E to F (by arm-hole curve on marker) by concave side of marker; draw line from F to H, H to J, J to K, K to L, L to M, M to N, N to O, O to P; allow for seam on back and shoulder.

In Fig. 2 the scales and perforations are marked off from A to S, so as to enable the back to be properly cut. This is obtained as follows: To get back of ladies' plain waist, fold goods; place "back" chart with number of breast-measure on scale A, and number of waist-measure on scale L; on fold mark each; then also mark number of breast-measure on scales B D E F, and waist-measure on scales J and K; draw line from A to B by neck of chart, B to D by shoulder, D to F by arm-hole of chart; by concave of marker from F to J, and from J to L; draw line by convex side of

marker E to K, to mark side body. Allow for seams.

In order to make a full waist the chart, as shown in Fig. 1, is again employed. For the front, allow one and one-fourth inches for hem; draw line and mark A and Q on line; mark B D E F G; draw line from A to B by neck, B to D by shoulder, D to E by concave side of marker, E to F by arm-hole curve of marker, F to G straight line, G to Q by bottom of chart.

For the back of this full waist, fold the goods and mark A and N on the fold-mark B D F H of chart, represented by Fig. 2, and proceed as for front, except that D to F is formed by arm-hole of chart.

In using these charts for making loose sacques, for the front resort to chart of Fig. 1, and allow for hem; draw line; mark A and T on the line-marks B, D, E, F, and Y. Draw line from A to B by neck, B to D by shoulder, D to E by concave of marker, E to F by arm-hole curve, F to Y straight line, Y to T by bottom of chart. If it is desired to have the sacque longer, continue the lines A to T and F to Y to the desired length. Fold goods; mark A and O on the fold; mark B D F S. Draw line A to B by neck, B to D by shoulder, D to F by arm-hole of chart, F to S straight line, S to O by bottom of chart. If desired longer, extend lines from A to O and from F to S to correspond with front.

If we desire to make a half-fitting sacque, for the front get it as for loose sacque, except you mark A and U on line, instead of A and T. Draw line from F to Y by concave of marker instead of straight line, and take out darts K to W and N to V. Back of half-fitting sacque: Get same as loose sacque; mark M, and run straight line from A to M, and concave M to O, and concave F to S, instead of straight line.

If it is desired to cut out a basque, proceed as follows: Front—allow for hem, and draw line; mark A and U on the line-marks B D E F H Y W K V N. Draw lines A to B, to D, to E, to F, to H, as for plain waist; from H to Y by concave of marker, which gives the spring at side; apply straight edge, and continue the line to desired length. The front and all lines in spring of basque should be continued the same length, and mark bottom by bottom

of chart. Darts should be taken out from K to W and from N to V. To get back of basque: Fold goods; mark A and Q on fold-mark B, D, E, K, and R. Draw line A to B by neck, B to D by shoulder, D to E by arm-hole of chart, E to K by convex of marker, K to R by concave of marker, and continue straight line the length desired. To get side-body: Mark E, F, J, S, P, and K. Draw line from E to F by arm-hole of chart, E to K by convex of marker, and by concave of marker from K to P, from F to J, from J to S. Get length as for center of back, and draw line by bottom of chart.

I do not claim the method of measurement

herein described, as I am aware that the same is already known to the public; but

What I do claim as new, and desire to secure by Letters Patent, is—

The improved pattern-chart herein described, formed of a front and back part, having the scales of figures and perforations arranged for fitting plain and full waists, loose sacques, half sacques, and basques of all sizes, substantially as shown and set forth.

SARAH A. MILLWEE.

Witnesses:

J. R. LARRAUH,

T. F. RILEY.