

J. W. STEVENSON.  
DRESS CHART.

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# UNITED STATES PATENT OFFICE.

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## DRESS-CHART.

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*To all whom it may concern:*

Be it known that I, JOHN W. STEVENSON, of Ravenna, in the county of Portage and State of Ohio, have invented a new and useful Improvement in Dress-Charts, of which the following is a specification.

This invention relates to an improved garment-chart, by means of which patterns may be drafted either directly upon the cloth or other material.

Heretofore charts have been made comprising a number of parts which are adjusted according to the measurements of the garment, in order to draft the proper pattern.

The object of my invention is to produce a garment-chart consisting of a single piece, and consequently dispense with the adjustment which involves so much time and labor with other devices.

With this object in view my invention consists in the peculiar form and construction of the chart and certain other details, which will be more fully hereinafter described and claimed.

In the drawings forming a part of this specification, Figure 1 is a top plan view of my chart. Fig. 2 is a bottom plan view of the same, and Fig. 3 shows a pattern described by the same.

In constructing my improved chart I employ a thick sheet of pasteboard or other suitable material, said sheet being cut in the form shown in the drawings, having a straight lower edge which forms the waist-line, the curved side edge C to L E, the curved top edge L E to I E, and the front edge I E to A', the said edge being slightly curved near its upper end to produce the proper "dart-scale," as clearly shown. Near the lower end of the sheet is produced a sector-shaped opening O, the curved side being adapted to produce the neck-curves, and upon the straight edge or cord is arranged the "arms-eye scale." At the lower front edge of the chart is arranged the "back scale," and directly above that is the "side-form scale," and a short distance above the side scale is arranged the "front scale," and above the front scale and on the

curved front edge is arranged the "darts scale." Near the middle of the sheet and adjacent to the curved side is produced a peculiarly-shaped opening O', by means of which the arms-eye curves are struck. Between the openings O and O' is produced a series of perforations P, each one being particularly arranged and designated. These perforations are arranged upon a line known as the "chest-line." Above the opening O' is also arranged a series of perforations P', said perforations being also particularly arranged and designated, and they are marked "The height of shoulder." A third series of perforations P<sup>2</sup>, preferably arranged and designated, extends from the inner end of shoulder-line to the upper edge of sheet, said perforations forming the "bust-line." Adjacent to the bust-line is produced a series of perforations P<sup>3</sup>, properly arranged and designated the "back rule," and between the back rule and front edge of the sheet is produced a series of perforations P<sup>4</sup>, properly arranged and designated, said perforations being marked "Bust," as clearly shown. Other perforations C S Y A' A<sup>2</sup> A<sup>3</sup> are also produced in the sheet at predetermined points.

A scale of inches is arranged upon the rear face of the sheet near the front edge of the same.

Certain arbitrary letters are arranged upon the curved side, and across the face of the sheet are produced the oblique lines marked, respectively, "Children," "Adults," "Front," and "Back."

By means of the above-described chart and a series of rules for operating the same any pattern may be drafted after measurements of the body and a most correct garment be obtained.

In the drawings, Fig. 3, A indicates the lap-lines drawn upon the cloth or other material upon which the pattern is to be drafted. The proper position of the chart to start the drafting process is with the corner of adult-line—that is, the perforation A<sup>2</sup>—and end of rule I E both upon the lap-line.

A few directions for drafting the basque-

form will serve to show the manner in which my device is used and the great utility of the same:

First. The chart having been placed in proper position, dot in chest-line corresponding with chest-measure, two less in height of shoulder, two more in bust-line.

Second. For square shoulders: Lay corner of rule upon chest, dot 29, figure 7, line upon lap-line, and drop one inch.

Third. Draw neck from last-made dot to lap-line.

Fourth. Shoulder - measure: Square upon upper neck, dot, and edge of system up to shoulder height; dot and draw shoulder-line to figure 6 upon system; drop half-inch for seam.

Fifth. Collar-bone-measure system: Overlay corner of rule half down the neck and parallel with shoulder-seams; dot at 5, broken line.

Sixth. To proportion arms - eye: Lay corner of rule upon dot 27 and edge side of dot 31; mark in slot at figure corresponding with chest-measure; now corner of rule upon that dot, and mark in first eyelet, being careful to have rule lying square from you.

Seventh. Chest - width measure: Three inches down from neck, and dot as shown by broken line.

Eighth. Draw arms - eye from point of shoulder half-way round, holding pencil hard upon the paper, it acting as pivot. Turn system from you till you can see the dots at end of arms-eye. Finish your curve and dot for under-arm dart, as shown upon the system.

Ninth. Front measure: From neck to waist, and dot the length.

Tenth. Waist - measure: Corner of rule upon the front measure. Dot and draw line from you to waist-measure in front scale. Turn system over and dot for darts and spaces.

Eleventh. Height of darts, by measure, from

center of dart-spaces up, and draw lines from the word "Darts" upon system down to waist-line.

Having thus described my invention, what I claim as new is—

1. An improved garment-chart composed of a single sheet and having lower and forward straight edges and curved upper and rear edges, a segmental opening produced in the sheet adjacent to the lower forward end, and an opening of mixtilinear shape produced near the upper rear end, a series of graduated perforations being produced in the sheet between the upper opening and the forward and upper sides and also between the upper and lower openings, substantially as shown and described.

2. An improved garment-chart composed of a single piece and having lower and forward straight edges and upper and rear curved edges, the openings O and O', arranged as shown and described, the series of perforations P, P', P<sup>2</sup>, P<sup>3</sup>, and P<sup>4</sup>, the apertures A', A<sup>2</sup>, A<sup>3</sup>, C, S, and Y, and the scale-lines passing through said apertures, substantially as shown and described.

3. As an improved article of manufacture, a garment-chart composed of a single piece and shaped with the straight edge C to A' and A' to I E and the curved edge I E to L E and L E to C and having the openings O and O', the series of perforations P, P', P<sup>2</sup>, P<sup>3</sup>, P<sup>4</sup>, C, S, Y, A', A<sup>2</sup>, and A<sup>3</sup> produced therein, all of which are arranged in proper position with relation to each other according to some definite scale, lines crossing the surface of the sheet, and scales arranged upon the edge of the same, substantially as shown and described.

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Witnesses:

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