

J. A. JOHNSON.
DRESS CHART.

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910,203.

Patented Jan. 19, 1909.

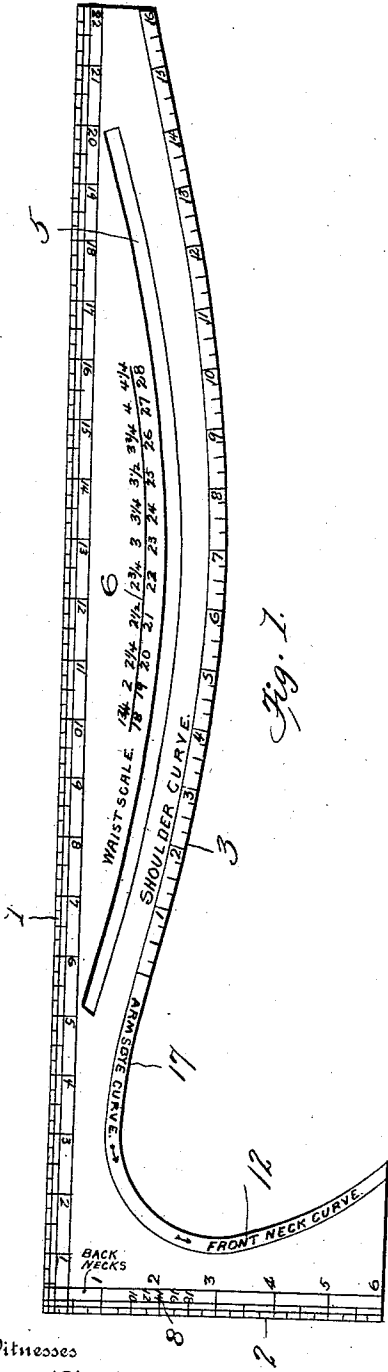


Fig. 1.

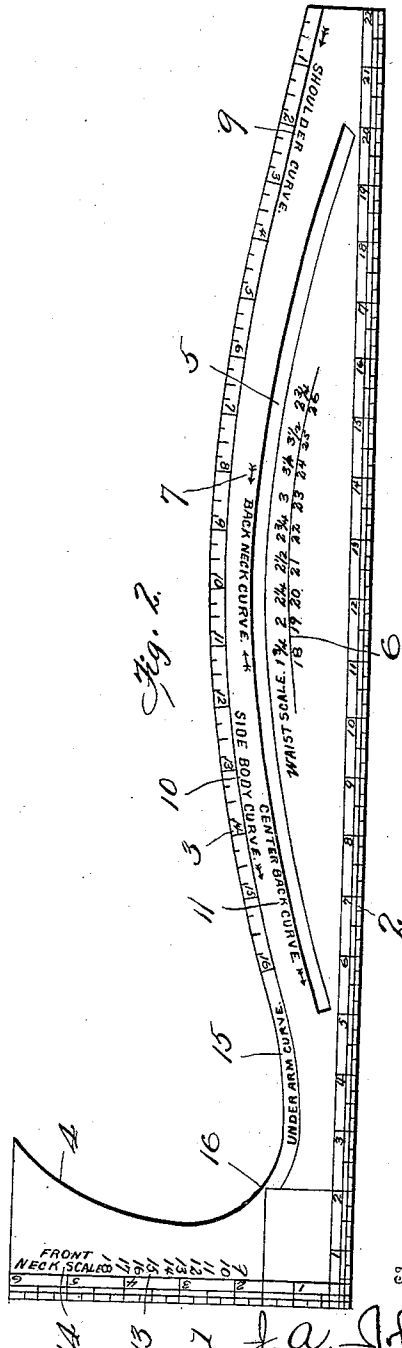


Fig. 2.

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JENNIE A. JOHNSON, OF HURON, SOUTH DAKOTA.

DRESS-CHART.

No. 910,203.

Specification of Letters Patent.

Patented Jan. 19, 1902.

Application filed March 11, 1907. Serial No. 361,731.

To all whom it may concern:

Be it known that I, JENNIE A. JOHNSON, a citizen of the United States, residing at Huron, in the county of Beadle and State of South Dakota, have invented certain new and useful Improvements in Dress-Charts, of which the following is a specification.

This invention relates to new and useful improvements in dress charts and it has particular reference to a chart comprising an integral section of material so proportioned and shaped that, with the aid of suitable graduations, an entire garment can be laid off in a single operation with but one movement of the chart.

The invention aims as a primary object to provide a chart in which the shoulder curves are without limit, in which all dart scales are eliminated and in which no mathematical calculations are involved. For this reason it will be apparent that a chart constructed in accordance with my invention will be of great advantage in saving of time and labor to tailors and dressmakers.

The detailed construction will appear in the course of the following description in which reference is had to the accompanying drawings forming a part of this specification, like numerals designating like parts throughout the several views, wherein,

Figures 1 and 2 are plan views of the two sides of a chart constructed in accordance with my invention.

In the practical embodiment of my invention I employ a chart comprising an integral section of material, the outer edges of which form a right angle and are subdivided on an inch scale. The short edge is designated by the numeral 1 and is preferably six inches long, and the longer edge is designated by the numeral 2 and is preferably twenty-two inches long. The edges 1 and 2 thus form a tailor's square. The inner edge of the longer leg of the chart is curved outwardly and is divided into an inch scale which is designated by the numeral 3. The curved edge 3 gradually merges with the inner curved edge 4 of the shorter leg of the chart. Concentric with the edge 3 is a curved longitudinal slot 5 through which the markings are made upon the material to be cut. Between the edge 2 and the curved slot 5 is a suitably proportioned and graduated waist scale 6 concentric with said slot.

A chart constructed as thus described is designed to take all the measurements of a

coat or waist and to afford a ruling edge by which said measurements can be marked directly upon the garment of the exact length required. In Fig. 2 centrally of the longer leg of the chart I have marked same with the words "Back neck curve" and have placed arrows 7 on either side thereof. The proportions of the back neck measurements are indicated by the auxiliary scale on the reverse side of the chart and on the scale 1 as is designated by the numeral 8 and shown in Fig. 1. The upper end of the graduated curved edge 3 is for the shoulder curve measurements and is correspondingly designated as at 9. The lower end is designated at proper intervals as at 10 and 11 by the terms "Side body curve" and "Center back curve," the arrows indicating the direction of the measurements. In Fig. 1 the outer portion of the shorter leg is designated by the words "Front neck curve" as at 12 and the measurements for the front neck curve are taken in accordance with an auxiliary scale 13 provided on the side of the chart shown in Fig. 2 and designated as at 14 by the words "Front neck scale". The under arm curve is accordingly designated as at 15 in Fig. 2 and is defined by the space between the lower end of the graduated edge 3 and the angle 16 intersecting the inner edge of the chart and formed by suitably arranged lines projecting at an angle from the respective edges 1 and 2. In like manner in Fig. 1 I have designated as at 17 the arm scye curve which is adjacent to the front neck curve 12.

In using the chart for drafting a garment of the character described the measure of the different parts of the body for the various portions of the garment is taken with a tape line, with the exception of the arm scye curve, the front neck curve and the back neck measurements. These measurements are taken directly with the chart. The chart is then used for marking on the goods or paper pattern the lines for the various portions of the garment, the scale of each part being employed to indicate the different lengths as ascertained by the tape measure and the curved edges indicating the curved lines of the garment for the different parts of the body. Little instruction is required in teaching a pupil the manner of using the chart and great accuracy can be attained, the necessity of fitting the garment being eliminated.

It is to be noted that the chart permits of a direct measurement of the arm scye curve, the under arm curve and the front neck curve and that no independent scales are required for their measurements.

It is also a feature of the invention that the system of measurement involved eliminates the necessity of the dart scales, since all dart points are located after the measurements are taken. All mathematical calculation is eliminated.

Having fully described my invention, I claim:

The herein described dress chart comprising an integral two-faced section of material having a long leg and a short leg, the outer edges of said legs forming a right angle, and being calibrated upon both faces thereof by an inch scale beginning from said angle, the inner edge of said long leg being outwardly curved to denote the shoulder and said body curves, and marked with lineal graduations beginning at its outer end upon

one face thereof and at its inner end upon the opposite face, the inner edge of said short leg being inwardly curved at an angle converging toward its outer edge and the angle thereof with the outer edge of said long leg to denote the neck curve, and gradually merging, by means of a central curved portion, with the said outwardly curved edge of the said long leg, to denote the arm curve, said long leg being formed with a longitudinal slot adjacent and curved substantially parallel with its outwardly curved edge to denote the waist curve, said leg further having a waist scale along the inner edge of its said curved slot, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JENNIE A. JOHNSON.

Witnesses:

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