

UNITED STATES PATENT OFFICE.

JONATHAN NELSON, OF WARSAW, INDIANA.

GARMENT-SCALE.

SPECIFICATION forming part of Letters Patent No. 717,253, dated December 30, 1902.

Application filed September 12, 1902. Serial No. 123,057. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN NELSON, a citizen of the United States of America, residing at Warsaw, in the county of Kosciusko and State of Indiana, have invented certain new and useful Improvements in Garment-Scales, of which the following is a specification.

My invention relates to certain new and useful improvements in garment-scales; and its object is to provide suitable means by which, a standard pattern being provided, garments of any desired size may be cut therefrom, preserving at all times the proper proportions.

To this end my invention consists in certain novel features shown in the drawings and described in this specification.

In the drawings, Figures 1, 2, and 3 are views of three of the scales in use, and Fig. 4 is a view of one of the patterns intended to be used in connection therewith.

The scales, preferably twenty-eight in number, numbered from 19 to 46, inclusive, are laid off as shown in the drawings. Each scale is divided into ten main divisions, the main divisions being numbered from "1" to "10," and each of these ten divisions is in turn laid off into eight divisions, which are lettered "A," "B," "C," "1-2," "D," "E," and "F," as shown. The actual length of each one of the rules is one-third of the number of inches corresponding to the number of the rule—that is to say, the rule No. 30 is ten inches long, rule No. 19 is six and one-third inches long, and so on. The large numbers at the ends of the rules correspond to the number of inches in the bust measure of the person for whom the garment is to be made—that is to say, if a garment is to be made for a person having a thirty-inch bust measure rule No. 30 is used for making all measurements. If the person has a nineteen-inch bust measure, rule 19 is used, and so on. In each case, then, the rule to be used bears a certain definite proportion to the length of the bust measure of the person for whom the garment is to be made.

The pattern is marked as shown in Fig. 4,

one standard pattern being provided for all sizes in a given style of garment. It will be noted that the markings commence at the lower right-hand corner and are marked in terms of the figures appearing on the rules. The second figure to the left of the starting-point, marked "0," will be seen to be "6 F." This means that from the point zero is measured off with the rule to be used six main divisions and seven minor ones—that is, to the point "F" between "6" and "7." This system will of course be quite obvious in reference to the rules.

The operation of the entire system will now be quite evident. The person for whom the garment is to be made is measured, and the rule corresponding to his or her bust measure is selected. The standard pattern of the garment of the desired style is selected, and an outline similar thereto is laid off with the previously-selected rule. This of course makes the garment when cut out of exactly the same shape as that of the standard pattern and of exactly the right size in bust measure for the person for whom it is intended. It will be seen that this is a very great simplification of the ordinary methods of laying out patterns and an exceedingly desirable improvement.

I claim as new and desire to secure by Letters Patent—

A rule laid off into a plurality of equal divisions, each of said divisions being laid off into a plurality of subdivisions, said subdivisions being designated by letters of the alphabet, the rule being adapted to be used in connection with a pattern, the various points on which are provided with indicating figures and letters, corresponding to the figures and letters on the rule, substantially as described.

In witness whereof I have signed the above application for Letters Patent, at Chicago, in the county of Cook and State of Illinois, this 8th day of September, A. D. 1902.

JONATHAN NELSON.

Witnesses:

RUSSELL WILES,
S. BLISS.