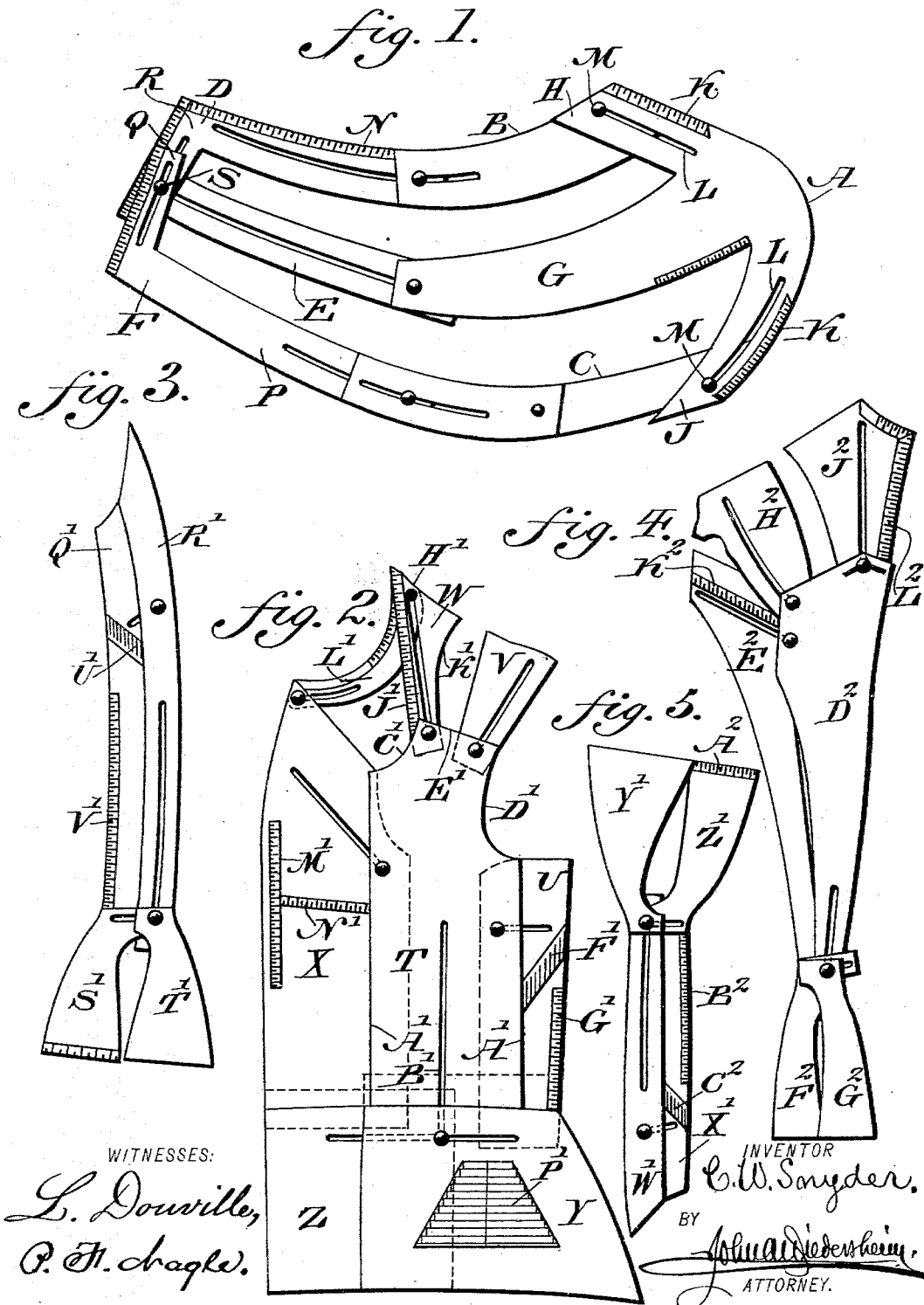


(No Model.)

C. W. SNYDER.
ADJUSTABLE PATTERN.

No. 546,199.

Patented Sept. 10, 1895.



UNITED STATES PATENT OFFICE.

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ADJUSTABLE PATTERN.

SPECIFICATION forming part of Letters Patent No. 546,199, dated September 10, 1895.

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To all whom it may concern:

Be it known that I, CHARLES W. SNYDER, a citizen of the United States, residing at Bloomsburg, in the county of Columbia, State of Pennsylvania, have invented a new and useful Improvement in Adjustable Patterns, which improvement is fully set forth in the following specification and accompanying drawings.

10 My invention relates to adjustable patterns; and it consists of the combination of a number of templets joined together by suitable studs or screws working in slots in adjacent or adjoining templets to allow of the regulation of
15 the position of the same relative to each other, so as to increase or diminish the size of the patterns according to the dimensions required, the templets being provided at suitable points with convenient marks and figures to assist
20 in regulating and setting the same, all as will be hereinafter set forth.

Figure 1 represents a plan view of an adjustable sleeve-pattern embodying my invention. Fig. 2 represents a plan view of the
25 front waist and under-arm pattern. Figs. 3 and 5 represent plan views of the back side and side patterns, respectively. Fig. 4 represents a plan view of the back pattern.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, in an adjustable dress-pattern it is desirable that the utmost adjustability and extensibility in all directions should be secured, and to this end the
35 sleeve-pattern which is seen in Fig. 1 is preferably composed of the several templets A, B, C, D, E, and F adjustably connected together.

The templet A has a central portion G provided with a scale, and the side arms H and
40 J attached thereto at an acute angle, the outer portions of said arms being curved, and each of the latter being provided with the scales K and the slots L, through which latter pass the studs or thumb-screws M, which are attached to the adjacent portions of the tem-
45 plets B and C, each of which latter are slightly curved and have near their outer extremities suitable slots which are engaged by studs or thumb-screws which may enter the slotted
50 ends of the arms N and P of the templets D and F, respectively.

Q and R designate the other arms of the said templets D and F, which are attached at

substantially a right angle to the arms N and P, and are provided with suitable slots and
55 scales and a thumb-screw S, which is common to both of said arms Q and R, and also to the slotted templet E, which has its other end adjustably attached to the central portion G of said templet A.

The templets are shown in assembled position in Fig. 1, and it will be apparent that the same can be adjusted relative to each other according to requirements, and when so adjusted to correspond with the measure of the
65 body and fixed in relation to each other, the desired pattern can be readily drawn upon the material, or preferably upon a sheet of paper, from which it is marked upon said material by following the outer edges of the
70 pattern, as is evident.

The adjustable front waist and under-arm pattern (seen in Fig. 2) is composed of the central templet T and the other templets U, V, W, X, Y, and Z, the above parts being ad-
75 justable relative to each other. The said templet T has the substantially-parallel sides A', the slot B', and the curved portions C' D' joined by the inclined straight portion E'. The templet U has its top substantially coin-
80 cident with the junction of the edges D' and A' of the templet T, is adjustable relative to the latter by means of a stud, which is secured to said templet T, and moves in a slot in the said templet U and a thumb-screw, and pro-
85 vided with the scales F' and G'. The templet V is triangular in shape and has a slot therein whereby it is adjustable relative to the central templet T, as is evident. The templet W has the straight edges H' and J',
90 the latter being provided with a scale, and the curved edge K', said templet being adjustable relative to the templet T, and having the curved bar L' (which is also provided with a scale) movably attached to it and to
95 the upper portion of the templet X. The said templet X is adjustable relative to the others, and is provided with the scales M' N', which are arranged at an angle to each other. The contour of the templets Z and Y will be ap-
100 parent, the latter being provided with the scale P'.

The back side pattern (seen in Fig. 3) is composed of the templets Q', R', S', and T', which are each adjustable relative to the oth-
105 ers, the templet S' having a scale at its lower

portion, and the templet Q' being provided with the scales U' and V'.

The side-pattern (seen in Fig. 5) is composed of the templets W', X', Y', and Z', all of which are adjustable with respect to each other, the templet Z' being provided with a scale A², and the templet X' having the scales B² and C².

It will be noticed that the side and back side patterns (shown in Figs. 5 and 3, respectively,) are similar in some respects, the templets W' and X', however, being shorter and straighter than the templets Q' and R', which are slightly curved.

The back pattern (seen in Fig. 4) is composed of the templets D², E², F², G², H², and J², all of which are adjustable relative to each other, the templets E² and J² being provided with the scales K² and L², respectively.

It will be understood that the operation and manipulation of all the above-described adjustable patterns will be as was described with reference to Fig. 1, the various templets in each pattern being adjusted according to requirements, and the desired outline being then marked out from them by following the outer edges of the pattern, as is evident, one inch being allowed for all seams on coats or ulsters.

In the practical application of my invention, the following measures are taken: bust measure, five inches below the waist, over hips, around neck, width of back, and length of natural waist and full length required.

All of the scales, which it will be understood are suitably numbered, must be set according to the bust measure, which should not be too tight. Then the under-arm measure is taken, which should be exact from the underarm to the waist, after which the proper scale should be set, and then comes the two under-arm pieces, for which the scale may be set the same distance as front parts measure. After the pattern is set an exact measure should be taken and about two and a half inches taken out for darts. Next comes the sleeve, the measure for which is taken at the point of arm at about H, Fig. 1, to the full length required by the wearer.

The cuff can of course be made large or small as desired, according to the prevailing fashion. The under-arm sleeve is measured by means of the scale on the arm G, Fig. 1, a dot being made for the top of the under arm, the top of the sleeve is then turned, and the round part answers for the curve of the under sleeve.

It will of course be understood that the contour of the above-described templets may be slightly changed according to requirements, so as to come within the scope of my invention, and that the same may be rendered adjustable relative to each other in any suitable manner, and that the position of the slots and the studs or thumb-screws relative to each other may be changed if desired, and that the various templets which constitute a pattern

may be adjusted and set by other means than the ones shown, as is evident.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In an adjustable dress pattern, a sleeve pattern consisting of the templet A having the central portion G, with the side arms H and J at an acute angle thereto, the curved templets B and C adjustably connected with said side arms, the templet D having the arms N and R, and adjustably connected with the templet B, the templet F having the arms P and Q, and adjustably connected with the templet C, and the templet E adjustably connected with said central portion G, and said arms R and Q respectively, said parts being combined substantially as described.

2. In an adjustable dress pattern, the adjustable front waist and under arm pattern, consisting of the central templet T having substantially parallel sides, and a slot therein, the curved portions C', D' joined by the inclined straight portion E', the templet U having its top coinciding with the junction of a side A' and curve D', the templet V, the templet W having the curved edge K', the curved bar L' provided with a scale, and the templet X with scales thereon, said templets U, V, W and X being adjustable on the templet T, and said bar L' being pivoted to the templet X and adjustable on the templet W, said parts being combined substantially as described.

3. In an adjustable dress pattern, the adjustable front waist and under arm pattern, consisting of the central templet T, having substantially parallel sides, and a slot therein, the curved portions C', D', joined by the inclined straight portion E', the templet U having its top coinciding with the junction of a side A', and curve D', the templet V, the templet W having the curved edge K', the curved bar L, provided with a scale, and the templet X with scales thereon, said templets U, V, W and X being adjustable on the templet T, the templets Z and Y having scales thereon, and adjustable relative to each other and to the templet T, said bar L' being pivoted to said templet X and adjustable on said templet W, said parts being combined substantially as described.

4. In an adjustable dress pattern, a back pattern consisting of the templets D², E² adjustably connected at one end, the templets H² and J² adjustable on the same end of said templet D² at the said adjustable connection with the templet E², and the templet F², G², having a transverse and lengthwise adjustment on the other ends of said templets D² and E², said templets having scales thereon as described, said parts being combined substantially as described.

CHARLES W. SNYDER.

Witnesses:

WILL L. CRIST,
W. R. POTTER.