

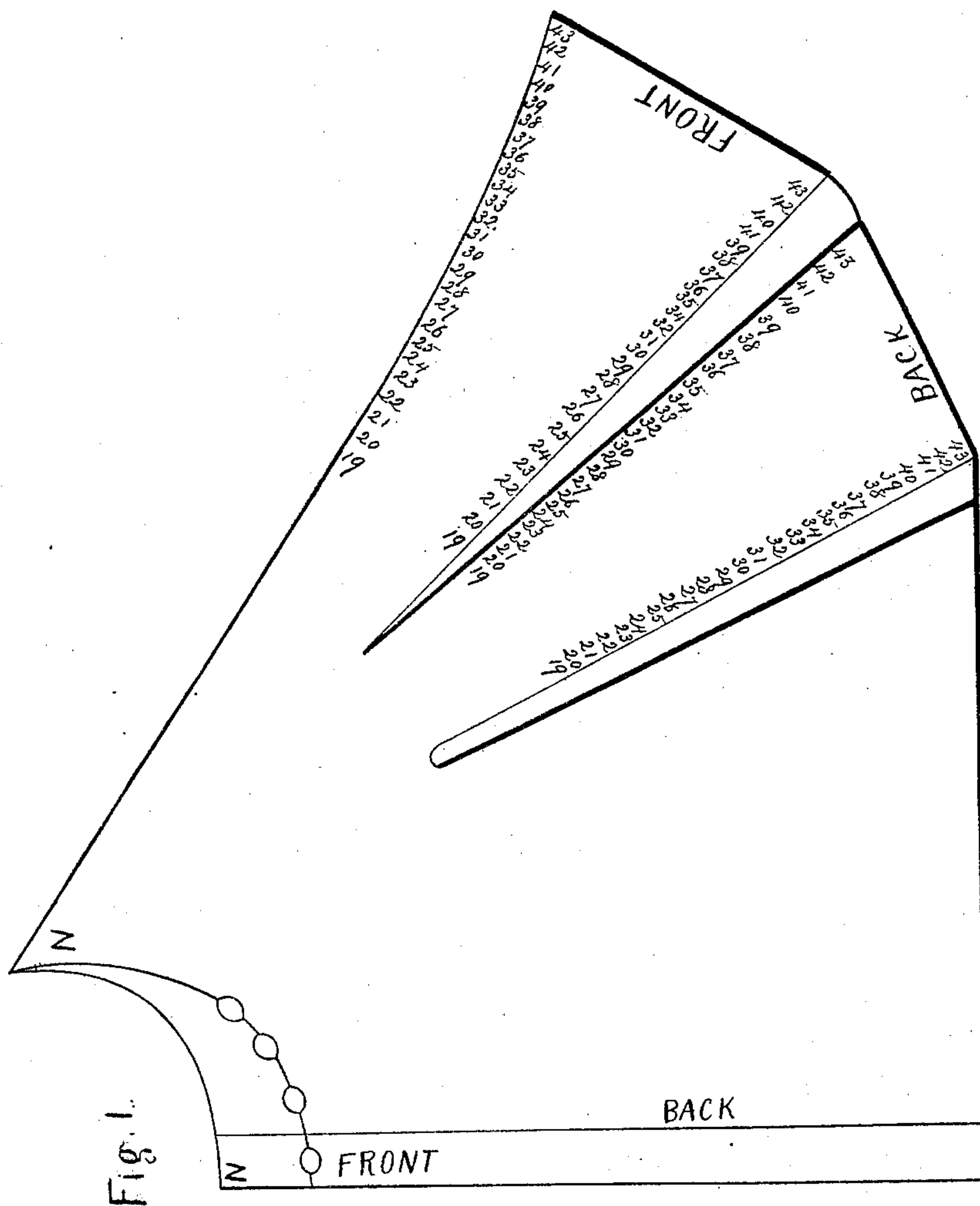
Sheet 1-2 Sheets.

C. Dittenhager

System of Cutting Dresses.

N^o 56383.

Patented Jul. 17. 1866.



Witnesses.

John P. Jacobs
Charles Alexander

Inventor.

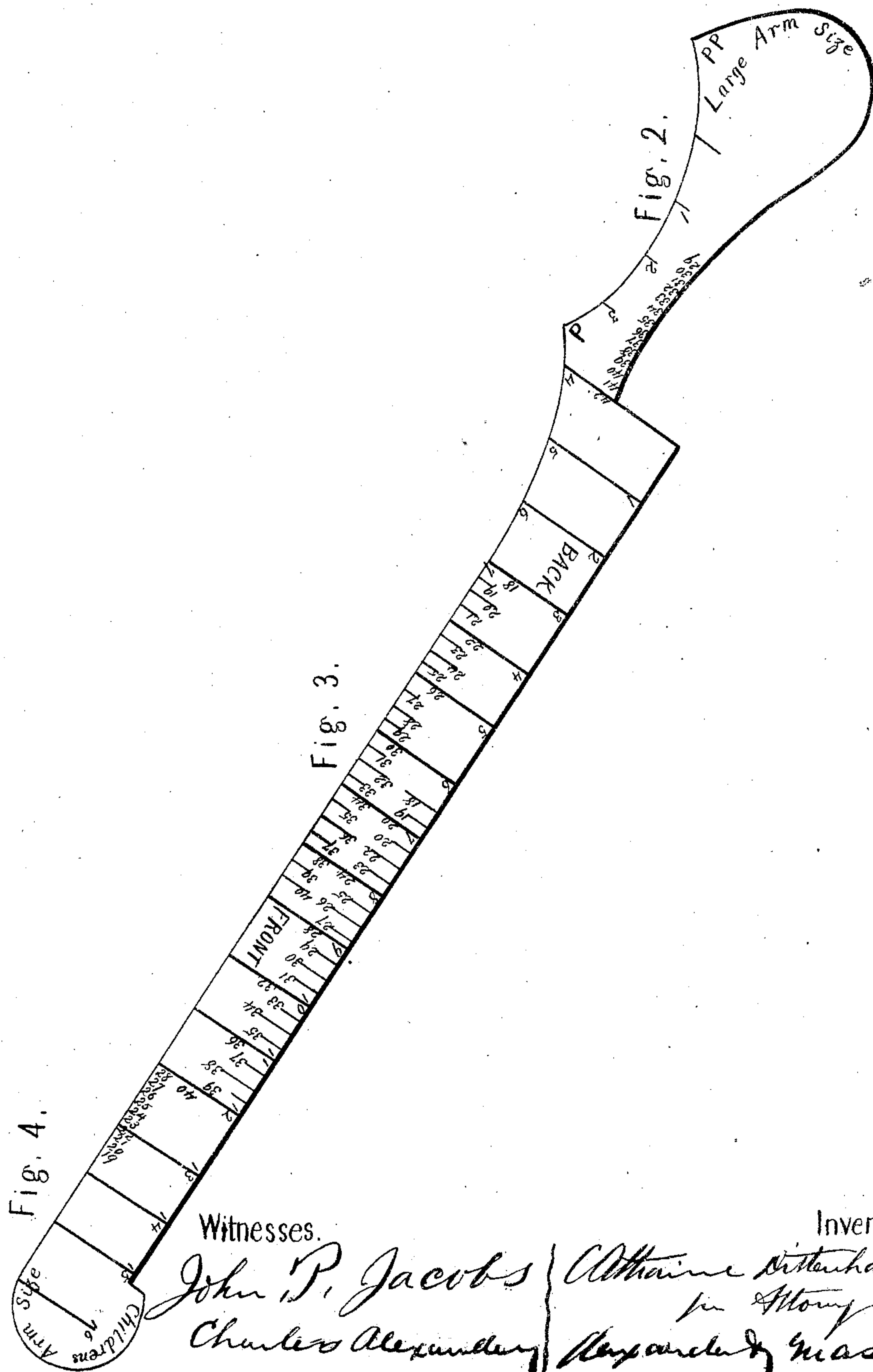
Althair Dittenhager
per Attorney
Alexander Mason

C. Dittenhafer

System of Cutting Dresses.

N^o 56,383.

Patented Jul. 17. 1866.



Witnesses.

John P. Jacobs

Charles Alexander

Inventor.

Althaine Dittenhafer
per Attorney

Raymond & Mason

UNITED STATES PATENT OFFICE.

CATHARINE DITTENHAFFER, OF CANTON, OHIO.

IMPROVEMENT IN SYSTEMS OF CUTTING DRESSES.

Specification forming part of Letters Patent No. 56,383, dated July 17, 1866.

To all whom it may concern:

Be it known that I, CATHARINE DITTENHAFFER, of Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Systems of Cutting Ladies' Dresses, Sacks, and Basques; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and the letters of reference marked thereon, making a part of this specification.

In the drawings hereto annexed, Figure 1 is the pattern of the body of the dress. Fig. 2 is the arm-pattern. Fig. 3 is the dart-pattern. Fig. 4 is the pattern for children's arm-sceye.

Each of the figures herewith presented is near one-half of the size of full pattern. Figs. 2, 3, and 4 are connected to each other.

My invention consists in the construction of two or more patterns, as shown in the drawings, with a series of letters and figures thereon, for the purpose of more easily cutting dresses, sacks, and basques for ladies or children.

As will be seen in the annexed drawings, the patterns are not only different in construction to those now in use, but the manner of figuring is also different.

To enable others to use my invention I will proceed to describe the system of cutting.

The dress or sack and basque patterns are constructed of any ordinary paper or other suitable material, and precisely as the drawings hereto annexed, having the corresponding figures thereon.

First measure the size of the chest by passing a tape close under the arms and draw tight in as near a straight line from arm to arm as possible, and straight across the back; then measure around the waist with tape drawn tight; also, measure the length of the waist under the arms in the usual manner.

Supposing the lady's waist to be as follows: chest, thirty-two inches; waist, twenty-five inches; length of waist, eight inches. To draft a dress for her, observe the following directions: first, for the front, lay the edge of the diagram of Fig. 1 on the edge of the cloth; draw a curved line from N to N for the neck, making a dot at N; then make a dot on the cloth at 32 in each row of figures in the

front scale; take the large arm-sceye, Fig. 2, and turn it face downward, placing the point P at the dot made at the upper or outer 32, and draw a line along the edge of the pattern from N to the dot at 32; turn the arm-sceye face upward and place the 32 which is on its upper edge at the dot made at 32 on the upper or outer row of figures in the front scale, and lay the arm-sceye across so its edge shall touch the dot at 32 on the under or lower row of figures in the front scale; then draw a line following the outer edge of the arm-sceye from the dot at 32, the point P P for the arm-hole. Next make a dot eight inches below where the last terminated, turn the arm-sceye and dart-pattern, Fig. 3, face downward, and place the point P at the end of the line made for the arm-hole, and draw a line along the edge of the pattern to the dot eight inches below; then lay the dart-pattern across the cloth from left to right, about an inch below the last-mentioned dot, with the front of the dart-pattern at the front edge of the pattern, to 25 in small figures upon the short line, and there make a dot, and draw a line from the edge of the cloth to this dot, and afterward draw a diagonal line four and one-quarter inches in length to the eight inches below the arm-hole.

For the darts, lay the arm-sceye, Fig. 2, and dart-pattern, Fig. 3, across the cloth, with upper edge of the dart-pattern at the lowest point in the arm-hole and the point P three and one-half inches from the front edge of the cloth. Make a dot at P for one dart, and one three and one-half inches farther back for another. The front dart should be two inches in width at the bottom, and the back two and one-quarter inches, with three and one-quarter inches between them, the front dart to commence two inches from the front of the cloth.

For the back, place the second part from the front, marked "Back," Fig. 1, on the edge of the cloth, and dot at N, and also at 32 of each line of figures in the back scale, and use the rule for drafting the back the same as the front.

For the side body, take P P and place it at the dot made at the lower 32, and then draw a line from P P to P; next move the pattern, without changing the position of P, so that the straight edge of the pattern is one-half an

inch from the front edge of the cloth, and draw a line from P to the bottom of the waist.

For children: Use the second line (from part of Fig. 1) for back and front. For a child that measures less than twenty-two inches no darts are made. For a child of twenty-three inches, one and one-half inch for both darts, the top of the darts to be even with the seam of the arm-hole.

It will be seen that where a lady measures under or above thirty-two inches around the chest corresponding figures may be taken and the rules adhered to, as those above described.

Having thus fully described my invention,

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

The within-described patterns and system of cutting ladies' and children's dresses, sacks, and basques, when used in the manner substantially as herein specified.

As evidence that I claim the foregoing I have hereunto set my hand in the presence of two witnesses.

CATHARINE DITTENHAFFER.

Witnesses:

ELIZABETH CINTOMASTER,
CATHARINE A. SNYDER.