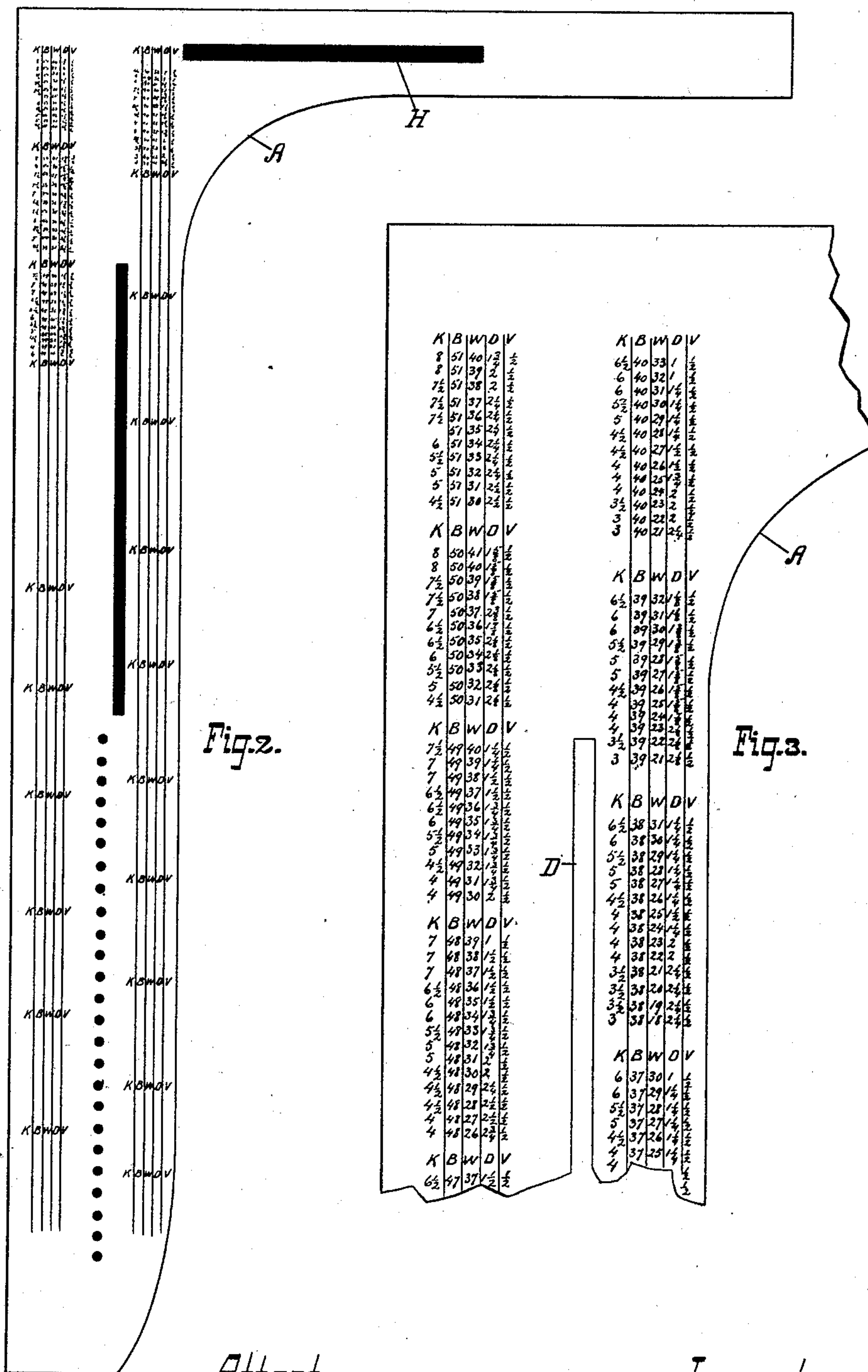


W. SMITH.

TAILOR'S AND DRESS MAKER'S SQUARE.

No. 367,455.

Patented Aug. 2, 1887.



Attest

W. Edmunds
Carl Hayden

Inventor

William Smith
By P. J. Edmunds
Attorney

(No Model.)

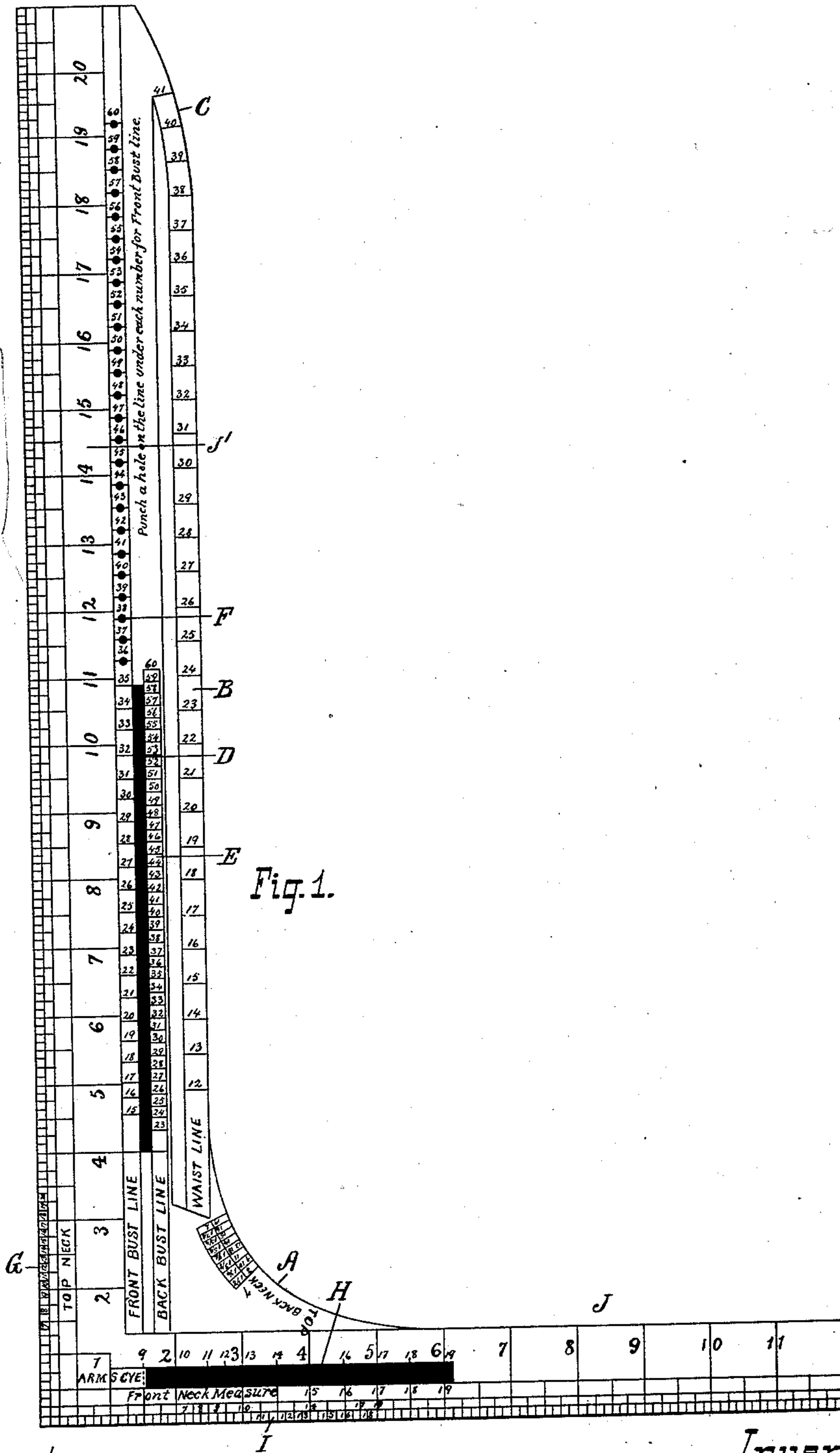
2 Sheets—Sheet 2.

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UNITED STATES PATENT OFFICE.

WILLIAM SMITH, OF TORONTO, ONTARIO, CANADA.

TAILOR'S OR DRESS-MAKER'S SQUARE.

SPECIFICATION forming part of Letters Patent No. 367,455, dated August 2, 1887.

Application filed September 11, 1886. Serial No. 213,339. (No model.) Patented in Canada February 13, 1886, No. 23,422.

To all whom it may concern:

Be it known that I, WILLIAM SMITH, a citizen of the United States, and a resident of the city of Toronto, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Tailors' or Dress-Makers' Squares, (for which I have received Letters Patent in Canada, No. 23,422, dated February 13, 1886,) of which the following is a specification.

My invention relates to a measure or square for use to lay off measurements in cutting ladies' dresses, dolman-sleeves, tight-fitting sleeves, skirts and overskirts, boys' pantaloons, coats, gentlemen's dressing-gowns, and other apparel made by dress-makers and tailors.

The object of my invention is to delineate on the square certain figures or tables and scales, and in constructing certain parts of the square, whereby curvatures can be delineated, and by slots and perforations therein certain scales can be applied to make the square a complete rule and delineator for cutting apparel.

The construction will be more particularly described and claimed with reference to the accompanying drawings, wherein—

Figure 1 is a view of one side of the square. Fig. 2 is a view of the opposite side; and Fig. 3 is an enlarged view of a portion of the square, showing the scales indicated in Fig. 2.

One arm, J, of the square is twelve inches, and the other arm, J', twenty-one inches long, both of which arms are subdivided into equal parts of one-eighth of an inch along the outer edge on one side. The square at the inner angle is formed with a curve, A, which curve is convenient to delineate the sweep of the back neck. At the curve A is a scale for laying off obtained measurements. From this curve A along the inner edge the square has a figured scale, B, used in laying off waist-line measurements, and the inner edge of the long arm near its end has a curve, C, for delineating the line for cutting the darts of a dress.

D is a slot punched through the long arm in the direction of its length. One edge is marked

with a scale, E, for laying off back bust-line measurements. On a line parallel to and commencing at one end of the slot D are a series of perforations, F, in alignment, consecutively numbered, to mark off front bust-line measurements.

G is a figured scale at the outer edge near the angle to lay off top neck-measurements.

H is a slot in the short arm of the square near the angle, having a figured scale for the arm-scyce, and the outer edge of the square, parallel to slot H, is provided with a figured scale, I, for front neck-measurements.

On the reverse side of the square shown in Fig. 2 the long arm is provided with a series of graduated tables in columns of figures marked K B W D V, by which to cut the width of back waist, bust-measure, waist-measure, front darts, and under-arm darts, respectively.

The slots H and D in the arms J and J', respectively, permit the sizes to be marked off on the pattern of the garment adjacent to the scale with exactness, because when these slots are used the pattern of the garment and the scale are adjacent. If the slots H and D were not used, the sizes would have to be marked off as approximately as possible by judging with the eye from the outer edge of the arms, with the lines of the scale within other lines and scales placed on the edge of the arm, which could not be accomplished with such exactness as in my square, where these slots are used. The perforations F also permit the inner scales to be marked off with exactness by bringing the pattern of the garment and scale adjacent.

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

A square for cutting garments, having on one arm, J, twelve (more or less) subdivided inches and on the other arm, J', twenty-one (more or less) subdivided inches at the outer edge, a curve, A, at the inner angle, provided with a figured scale, a figured scale, B, along the inner edge of the long arm and curved at C, a slot, D, having a figured scale, E, and a

series of figured perforations, F, in alignment and parallel to said slot, and in continuation thereof, a figured scale, G, at the outer edge, a slot, H, having a figured scale, and a figured scale, I, and the reverse side of the square having tables in figured columns K B W D V, as set forth, for the purpose described.

In testimony whereof I affix my signature in the presence of the two undersigned witnesses. 10

WM. SMITH.

Witnesses:

P. J. EDMUNDS,
A. EDMUNDS.