

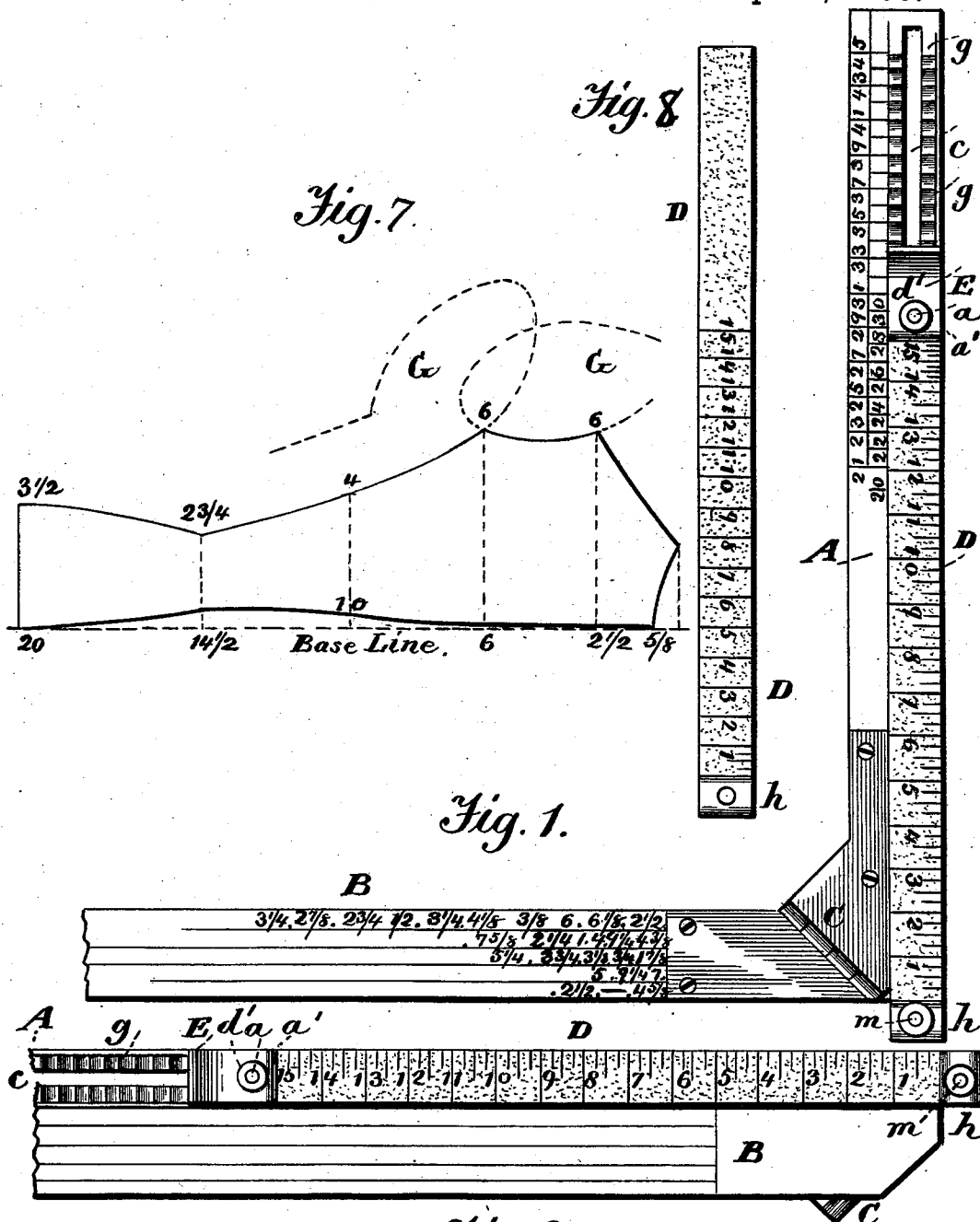
(No Model.)

2 Sheets—Sheet 1.

H. W. SCOTT.
TAILOR'S MEASURE.

No. 537,127.

Patented Apr. 9, 1895.



Witnesses.
A. Ruppert.
H. A. Daniels

Inventor.
Herman W. Scott
Per
Thomas P. Simpson
att'y

(No Model.)

2 Sheets—Sheet 2.

H. W. SCOTT.
TAILOR'S MEASURE.

No. 537,127.

Patented Apr. 9, 1895.

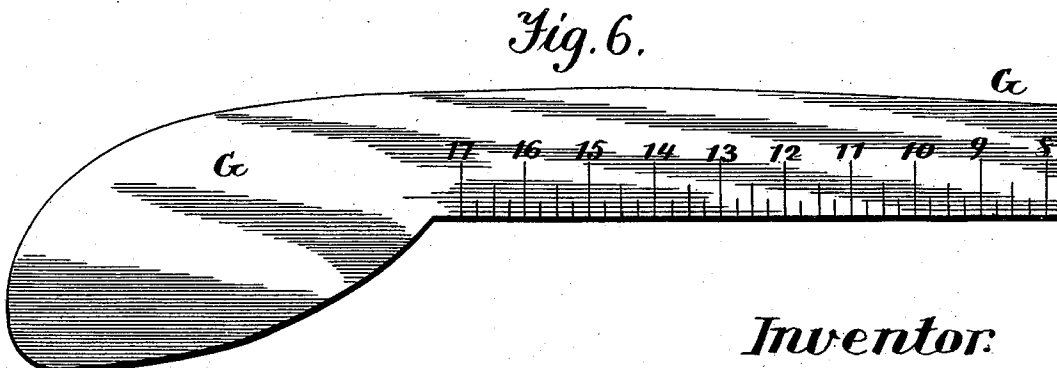


Fig. 4.

B										B									
19										18 1/2									
15 1/4										14 1/2									
11 1/2										9 1/4									
6										2 3/8									
21										20 1/2									
19 1/4										16 3/4									
16 1/4										11 1/2									
8 1/2										6 1/2									
3 3/8										3 1/4									
2 1/4										14 1/2									
14										11 1/4									
10 1/2										6 3/8									
2 1/4										26 5/8									
25										18									
17										13 1/2									
10 1/2										8									
5 1/2										3									
15 5/8										5 1/8									
2 5/8										19 5/8									
11										2 5/8									
2																			

Fig. 5.

B										B									
3 1/4										2 7/8									
2 3/4										1 1/2									
3/4										4 1/2									
3/8										6									
6/8										2 1/2									
15 1/4										15									
11 1/4										9 1/4									
6 1/4										4 3/4									
4 2 1/4										14 1/4									
5 3/8										11 1/2									
9										14									
13 1/4										7 3/8									
2 1/4										1									
4										9 1/4									
4 3/8										5 3/8									
4 1/2										1 1/2									
4 1/4										3 3/4									
3 3/8										3 1/4									
1 7/8										7 3/4									
1 1/2										10 3/4									
16 1/2										12 1/4									
3										2									
16 3/8										16 1/4									
16 1/8										1 1/4									
13 1/2										3									
11 3/4										5									
9 1/4										7									
4										5 3/4									
3 1/4										2 1/2									
—										—									
4 5/8																			



Witnesses.
A. Ruppert.
H. A. Daniel

Inventor
Herman W. Scott
Per
Thomas D. Simpson
att'y

UNITED STATES PATENT OFFICE.

HERMAN W. SCOTT, OF LYNN, MASSACHUSETTS.

TAILOR'S MEASURE.

SPECIFICATION forming part of Letters Patent No. 537,127, dated April 9, 1895.

Application filed April 28, 1894. Serial No. 509,332. (No model.)

To all whom it may concern:

Be it known that I, HERMAN W. SCOTT, a citizen of the United States, residing at Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Tailors' Measures; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to tailors' measures and consists in an improved construction for a tailor's square, as hereinafter described and claimed.

In the accompanying drawings—Figure 1 is a plan view of a tailor's square constructed according to my invention, the square being unfolded. Fig. 2 is a similar view, the square being folded. Fig. 3 is an edge view of the square closed. Fig. 4 represents one side of the tongue of the square. Fig. 5 represents the opposite side of the tongue. Fig. 6 is a plan view of a curve used in drawing a pattern. Fig. 7 is a plan of a pattern with marks showing the use of the square and curve. Fig. 8 shows one side of an elastic band.

A designates the main arm of the square with space-marks and figures thereon for indicating the bust measure—lengthwise. B indicates the tongue of the square which is also provided with space-marks and figures for indicating such measurement in width. The said tongue is secured to the main part A, to extend therefrom at an angle of forty five degrees, by a diagonal hinge C, when the square is unfolded. When the square is closed, or folded, the tongue B, laps on the main part A, about five eighths of an inch from the outside or working edge of said main part.

D indicates a strip of rubber, or similar, elastic material, having a scale marked thereon with fifteen inches or spaces, and another, shorter scale is marked on the opposite side of said strip. The said elastic strip D is constructed to expand equally in every part when it is extended as hereinafter stated.

E indicates a finger piece which is constructed to grasp one end of the strip D, to which it may be clamped by means of a bolt *a*, which is passed through said strip and through a clamp *a'* connected with the finger piece and a slot *c*, in the main part of the

square. The bolt *a* has a flat head *e*, which sinks in a groove *d*, in the square, and the clamp may be tightened by means of a thumb-nut *d*, on the bolt. A ratchet tooth *f*, projects from the clamp and is formed to connect with the square by notches *g*, along the slot *c*, so that when the strip D, is extended to the figure indicating the bust measure on the square, the tooth *f* may be put in connection with the notch *g*, at that point. The opposite end of the strip D, is secured to the square by a clamp *h*, a bolt *m*, with a flat head being passed through the square and the clamp and strip, and secured by a thumb-nut. Each of the bolts, *a* and *m*, has a shoulder which bears against the lower surface of the clamp and a flat head which sinks in a groove or depression in the lower side of the square.

It is only necessary to loosen the clamps *a'*, and *h*, when it is desired to take out the strip D, and set it so as to expose for use the shorter scale on the opposite side of the strip.

Fig. 4 shows the side of the tongue B with a series of indicating figures which are exposed when the square is folded, and points on the base line of the pattern drawing may be made according to the figures on that side of the tongue, the scale on the strip D being used in measuring. When the square is unfolded, another series of figures, on the opposite side of the tongue is exposed to guide the draftsman in making points from the base line, the scale on the strip D, being used in measuring from said line.

In using the square, open it, take the bust measure and extend the strip D, with the scale, to the number on the square corresponding with the bust measure, number and secure the strip with the tooth connected with the clamp; lay the drawing paper in position and mark along the outer edge of the square; then fold the square and place it in front of the base line, so as to measure with the scale on the strip D from right to left; commencing on the right; make points on the base line as the figures on the tongue of the square indicate when the latter is closed, working from right to left; then open the square and commencing at the right, measure out on cross lines from the scale on the strip D, as the figures on the tongue B indicate, making as many points on the cross-line as

there are figures between dots on the tongue, and where there is a dash on the tongue, omit or slide the square over one point on the base line. Make a cross-line each time the square
5 is moved down the base line.

The curve G, shown in Fig. 6, has a straight edge opposite the curved edge, a scale being marked along said straight edge, and the curve is used in drawing the lines for connect-
10 ing the points, after the latter have been made with the square, and for measuring the length of waist and seams for marking the pattern.

I claim—

15 In a tailor's measure, a folding square having an arm, provided with a scale, a longitudinal slot and a notched surface, and a

tongue hinged to said arm and provided with a series of indicating figures on each side thereof, in combination with an elastic strip 20 having a scale marked thereon, bolts and clamps, by which said elastic strip may be adjustably secured to said slotted arm, and a tooth adapted to connect with said notched surface and secure said elastic strip when the 25 latter is extended, substantially as and for the purposes described.

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

HERMAN W. SCOTT.

Witnesses:

GEO. H. WILLIAMS,
R. G. JOYCE.