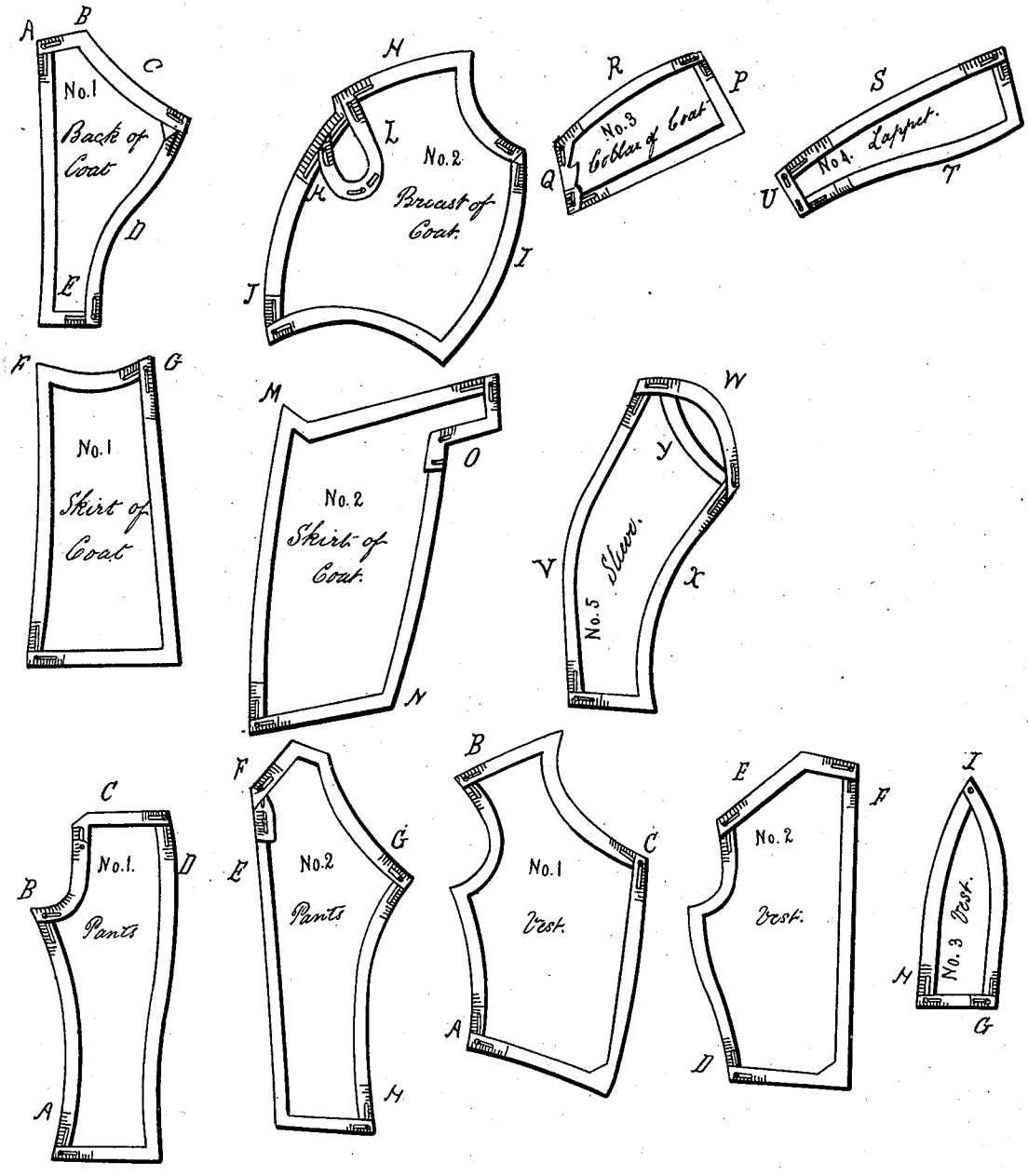
T. WATT.

TAILORING.

No. 4,975. Patented Feb. 20, 1847.



UNITED STATES PATENT OFFICE.

THOMAS WATT, OF HUBBARD TOWNSHIP, TRUMBULL COUNTY, OHIO.

TAILOR'S MEASURE.

Specification of Letters Patent No. 4,975, dated February 20, 1847.

To all whom it may concern:

Be it known that I, THOMAS WATT, of Hubbard township, Trumbull county, and State of Ohio, have invented a new and improved sliding scale and pattern for the cutting of coats, pantaloons, and vests in a more expeditious, correct, and simple manner than any other plan now in use; and I do hereby declare that the following is a full and exact description.

The nature of my invention consists in a certain sliding pattern or scale marked and graduated upon the pattern so as to set, move or be adapted to any size or fashion for the garments of coats pantaloons and vests as will more fully appear by the drawings annexed.

My construction consists in strips of brass $\frac{3}{4}$ of an inch wide and $\frac{1}{8}$ inch thick with mortises or gains as shown in the drawings with a screw and pinion inserted in the gain as shown at letter A No. 1 section of back of coat, by a round ring. Section of back coat consists of four pieces of brass or any other material of any necessary length and breadth. The straight piece A runs down the center of the back. At the top there is a gain cut in the straight piece B from B to C another angle to the arm, and then attached to piece D by gains and pinions. A small piece of brass or other material inserted in the angle formed by C and D which forms that part of the back connected to the sleeve piece D runs with a regular curve to E and there connected by gains and pinion. This forms a complete section of the back of coat as marked No. 1 in the drawing to the waist. To this is attached skirt No. 1 which consists of two pieces of brass or other material forming a pattern for a skirt. At opposite corners has gains and pinions to set it to any given size, the piece F running in a straight line from the bottom of the skirt to letter F running from letter F to G, by obtuse angles forming a projection on each side of that part of the skirt which joins onto the back at letter E. The piece marked G runs to the bottom of skirt and then turns an angle to piece marked F forming a complete section of skirt No. 1.

The breast of coat No. 2 consists of five pieces of brass. Shoulder piece marked H is attached to the piece marked I the breast with a screw and pinion in gains. I forms the breast and part of the waist and joins to the back piece marked J with gains and pinion. The piece marked J runs up to the arm piece and connected with gain and pinion to the half curve marked K which forms under part of armhole. The piece marked K is attached to the piece marked L which forms upper part of armhole by gain and pinion which forms a full description of No. 2 breast of coat.

Skirt No. 2 consists of three pieces of brass, piece M running from front of breast back in a straight line to the line J on the breast, thence to the letter M on the back of the skirt forming an obtuse angle, thence to the bottom of the skirt in a line nearly straight, where it connects with the piece N, by gains and pinion. The piece N consists of a straight piece across the bottom of skirt forming an angle at the letter N running up the front of skirt to the piece marked O at which place it is connected with gains and pinion and the piece marked O forms the remainder of the skirt and is joined to the piece marked M on the front by gains and pinion which is a full description of skirt marked No. 2.

No. 3, the collar, consists of three pieces of brass, P, the middle and bottom gains Q with gains and pinion. Q, the end, joins onto R with gains and pinion. Q has a notch which forms the end of collar as shown in the drawing.

No. 4, lapel, consists of three pieces of brass. Piece letter S is a curved line forming outside of lapel joined to piece T by gains and pinion piece. T forms one end and side of lapel and is attached to piece U with gains and pinion. U, end of lapel, is attached to piece marked S by gains and pinion.

No. 5, sleeve, consists of four pieces of brass. Piece V outside of sleeve is a curve connected with W, the upper side of shoulder of sleeve, by gains and pinion. W the upper side of sleeve joins onto X with gains and pinion. X the under part of sleeve forms a curve nearly parallel with line marked V until it reaches end of sleeve at waist where it forms a right angle connecting with the curved line V by gains and pinion. The curved line Y is attached to the curved lines W and X and slides along line W so as to give any width of underside of sleeve. All the gains are marked with inches and subdivision of inches as in the drawings.

No. 1, the fore part of pants, consists of four pieces of brass connected by gains and

pinions at A, B, C and D, as in the drawings, so as to set it to any given size in inches and subdivision of inches.

No. 2, the hind part of pants, consists of four pieces of brass connected by gains and pinions at E, F, G and H, as set forth in the drawings, to set to any size to correspond with the forepart.

No. 1, front of vest, consists of three pieces of brass connected by gains and pinions, as marked in the drawing, to set to any size by inches and subdivision of inches as A, B, C.

No. 2, back of vest, consists of three pieces of brass connected as the forepart at D, E and F so as to move to any size to correspond with front as marked in the drawings.

No. 3, collar of vest, consists of three pieces of brass connected at G, H and I by gains and pinions, as set forth in drawings, to move to any given size. The measure may be taken from the inside or outside of the pattern but more generally from the inside.

What I claim as my invention and desire to secure by Letters Patent is—

The sliding scale and pattern or patterns for cutting coats vest and pants by the aforesaid patterns moving upon pinions and gains to any given size in the manner herein described.

THOMAS WATT.

Witnesses:
JOHN CRAMER,
NATHANIEL MITCHELL.