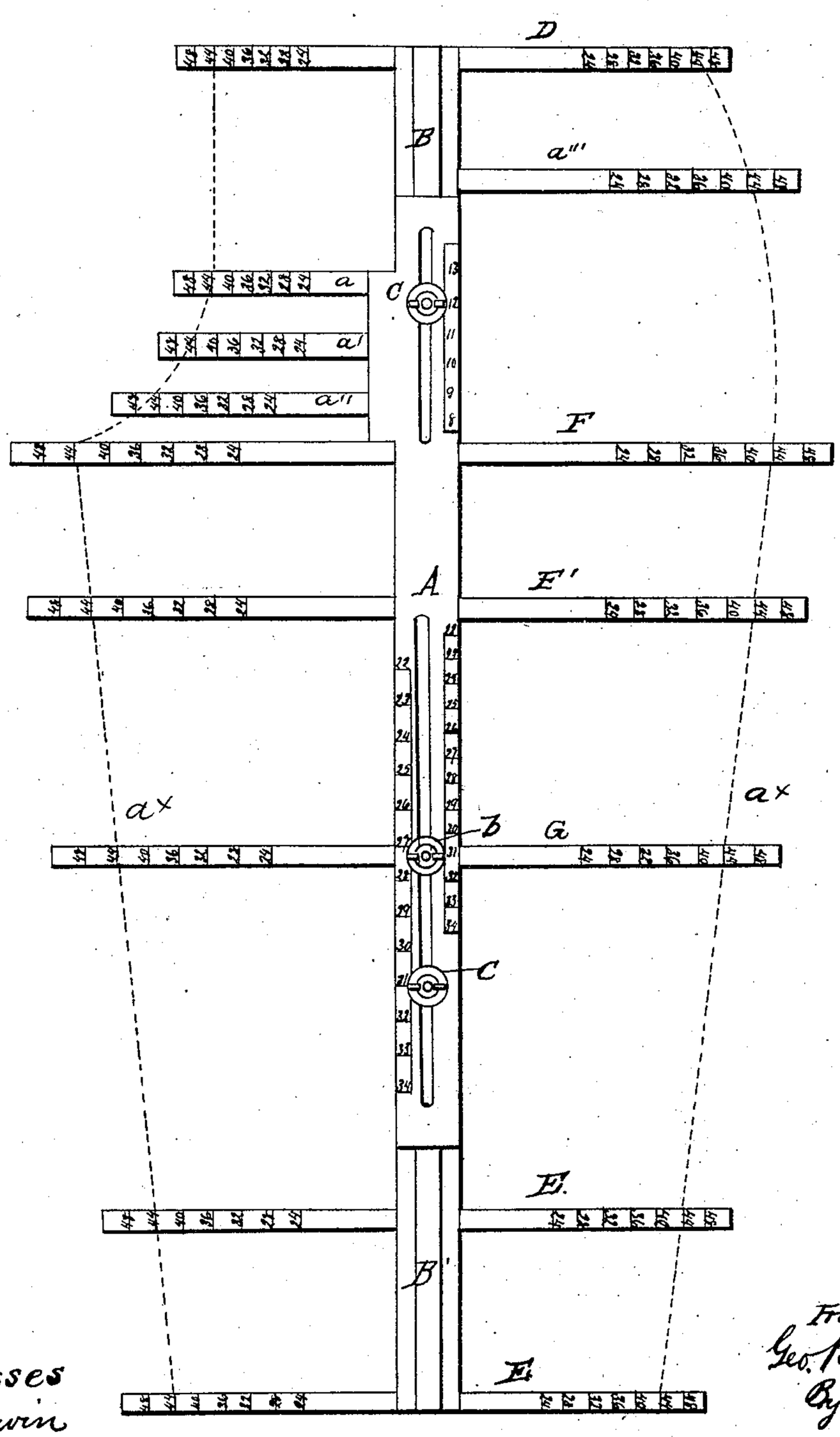
G. BEARD.

Tailor's Measure.

No. 52,951. Patented March 6, 1866.



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UNITED STATES PATENT OFFICE.

GEORGE BEARD, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN TAILORS' MEASURES.

Specification forming part of Letters Patent No. **52,951**, dated March 6, 1866.

To all whom it may concern:

Be it known that I, GEORGE BEARD, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Tailors' Device for Marking and Cutting Out Garments; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The drawing represents a plan or face view of my invention.

The object of this invention is to obtain an implement of simple construction by which any one of ordinary ability may, after obtaining the measure of a person, lay out or mark the cloth so that the same may be cut in the most economical manner, and so that the garment when made will fit perfectly the person measured for the same.

The cutting out of garments so as to economize in cloth requires considerable skill and practice, and a good cutter can always demand a large salary in ready-made-clothing establishments. In fact a good cutter is not always readily obtained at any price.

By my invention, it is believed, any one of ordinary ability who can measure a person can cut or mark out the cloth with equally as great facility and in as perfect a manner as the most experienced cutter.

The within-described invention refers to a device for cutting or marking out pantaloons, but it may, without any alteration in principle, and by a slight modification, be used for cutting out other garments.

A represents the main portion of the device, which is a flat strip of wood, metal, or other material, having two slides, B B′, attached to it in such a manner that they may be drawn out from or shoved over or under the part A and secured at any desired point by set-screws C.

The upper slide, B, of the device has a strip, D, attached to it at right angles, and projecting from it at equal distances from opposite sides, each side of said strip being graduated into a number of equal parts or divisions, as shown clearly in the drawing.

The lower slide, B′, has two cross-strips, E E′, attached to it, which are graduated similar to D, and the main portion, A, has two full strips, F F′, attached to it, and graduated as the others just described, and has four half-strips, *a*, *a′*, *a″*, and *a‴*, attached and also graduated, the strips *a a′ a″* being at the left and the strip *a‴* at the right hand side of the part A.

G is a movable graduated strip attached to the part A and secured at any desired point by a set-screw, *b*.

The graduations on the several cross-strips are all numbered in a corresponding manner, but the length of the graduations vary according to the style or shape it is designed the garment shall have.

The implement or device is used as follows, pants being the garment to be cut: The person is measured in the usual or any proper manner, and the slide B is adjusted so that the space between the cross-strip D of B and the cross-strip F of A will correspond to the distance between the waist and the hip. The cross-strip G is then adjusted so that the space between it and the strip D will be equal to the space between the knee and the waist, and the slide B′ is then adjusted so that the distance between the strip E and G will be equal to the distance between the knee and the bottom of the pants.

The part A is graduated for the regulating of the adjustment of the slides B B′ and strip G.

The measure around the waist in this particular instance is 44, and a line from said graduation is drawn from the strip D down through all similar numbers on the other cross-strips, and the cloth on which the device is placed will be then marked out ready for cutting. The left side is for the inner seam, and the intermediate strips *a a′ a″* give the proper inner curve for said seam.

Any desired or proper number of these strips may be used, and it will be seen that the graduations of all the strips may be varied to correspond to style or fashion. The spaces between the graduations of the several strips all vary in order to give the proper shape, but the numbers all correspond so as to serve as a sure guide in cutting, the red lines $a^{\times}$ indicating the marks made on the cloth.

I design to have the graduations of these slides made on paper or other material, so that different graduations may be used with one and the same implement, and two different graduations may be placed on the same strip, if desired, one near each edge.

The adjustable slides B B′ and the adjustable knee-strip G admit of the device being adjusted to suit pants of any length.

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

A device for marking or cutting out pantaloons and similar garments, comprising one or more adjustable slides, in combination with a fixed or main portion, A, all being provided with graduated cross-strips and arranged substantially as described.

The above specification of my invention signed by me this 15th day of September, 1865.

GEORGE BEARD.

Witnesses:

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