

(No Model.)

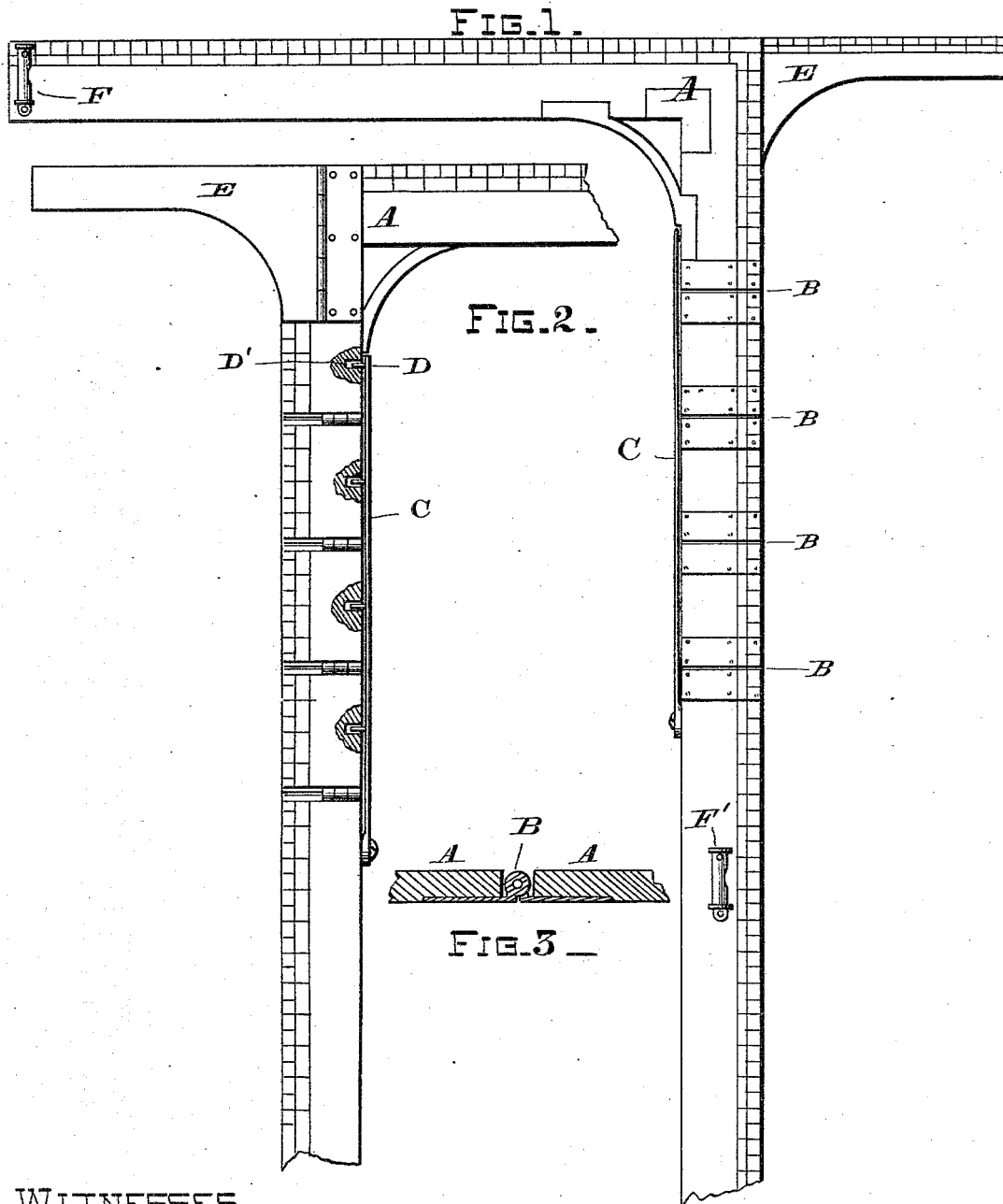
2 Sheets—Sheet 1.

S. C. RUGLAND.

TAILOR'S SQUARE.

No. 305,849.

Patented Sept. 30, 1884.



WITNESSES.

*Wilmer Bradford*  
*Joseph Cooney*

INVENTOR.

*Samuel C. Rugland*  
*By L. N. M. Smith*  
*Attorney*

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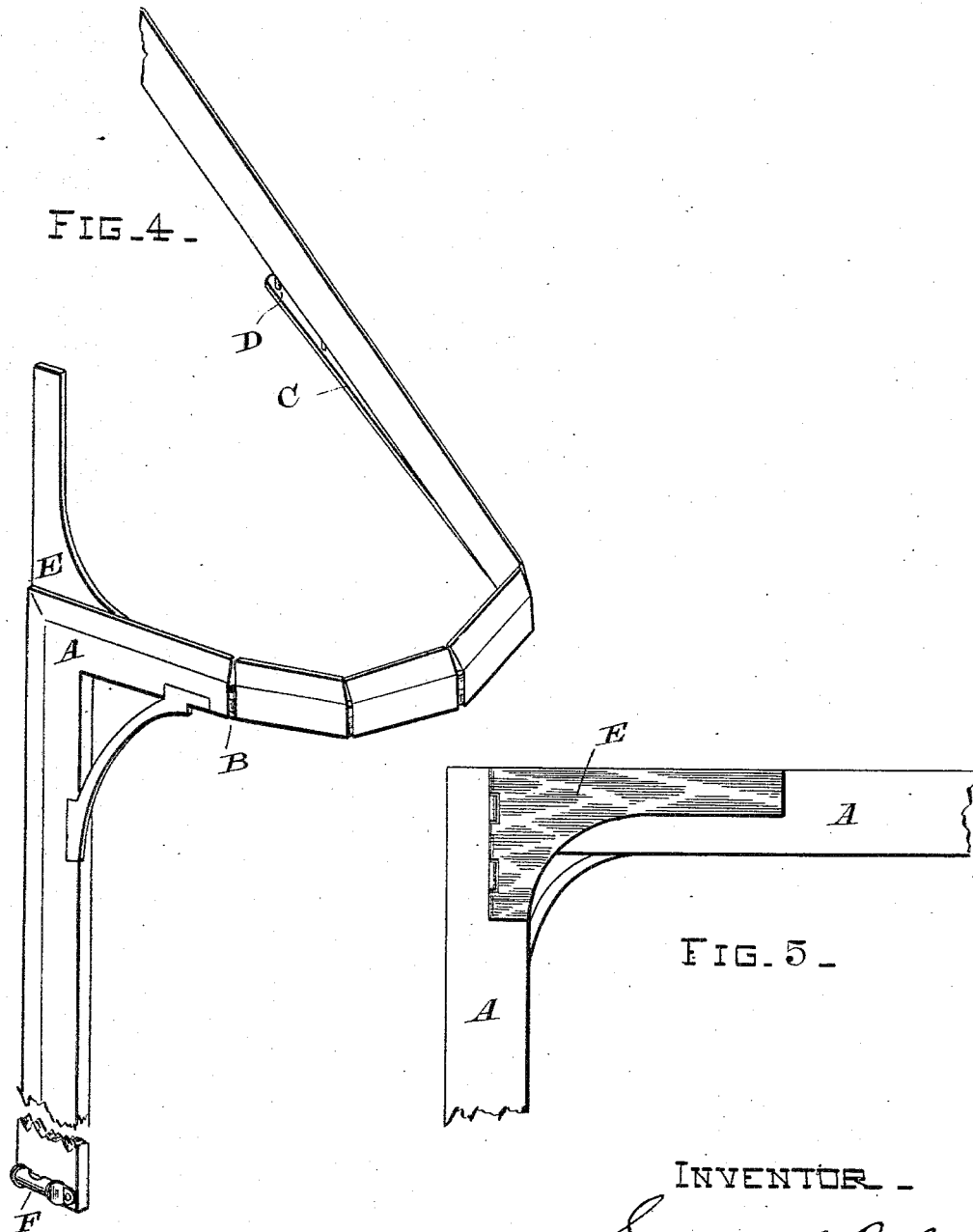
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Attorney

# UNITED STATES PATENT OFFICE.

SAMUEL C. RUGLAND, OF SAN FRANCISCO, CALIFORNIA.

## TAILOR'S SQUARE.

SPECIFICATION forming part of Letters Patent No. 305,849, dated September 30, 1884.

Application filed March 27, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL C. RUGLAND, a citizen of the United States, residing in the city and county of San Francisco, and State of California, have invented a new and useful Tailor's Square, of which the following is a specification.

The object of my invention is to provide a tailor's square by which correct horizontal and vertical measurements, and measurements around and under the arms and armpits can be taken. I accomplish these objects by the means illustrated in the accompanying drawings, in which—

Figure 1 is a plan of my tailor's square with curved wing extended. Fig. 2 is a back view of the same in section. Fig. 3 is a section of one of the joints. Fig. 4 is a perspective view of the square in position for taking measurements around the armpit and back of the person. Fig. 5 is a back view of the principal curve with curved wing folded up.

Similar letters are used to indicate similar parts throughout the several views.

A represents the square, which is provided with rule-joints B B, so that it can be bent around the body in taking curved measurements. These joints are held rigid, when the square is employed in describing or ascertaining straight or vertical lines, by means of a metal arm or plate, C, the lower end of which is pivoted to the body of the square just below the lower joint B, while the upper end is provided with pins D, which enter pin-holes D' above and below the upper joint B, and by this means the square is held rigidly in position when straight measurements are to be taken; but when curves are to be taken this plate or arm is removed from the pin-holes and turned backward and downward along

the lower line or edge of the square and out of the way, when the square can be made to assume the position indicated at Fig. 4.

In order to prevent the square from slipping backward under the armpit while taking the curvatures under the arm and around the back of the body, I employ a curved wing, E, provided with a scale, which is hinged upon the inner face of the T by a rule-joint, so as to open outwardly or backwardly when in use, and when not in use folded downward upon the short arm of the T and in a horizontal line with the upper edge of the same. When employed, the curved wing is opened upwardly and the long arm of the square is placed under the arm, and the curved wing is placed against the shoulder and armpit in the position shown at Fig. 4. A spirit-level, F, is connected to the lower end of the short arm, and another spirit-level, F', is connected to the center of the long arm in the position shown, so that a true vertical and horizontal position of both arms of the square can at all times be had.

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

The tailor's square herein described, consisting of the joints B B, held in position by the plate or arm C, spirit-level F at the lower end of the short arm, and the spirit-level F' upon the long arm, in combination with the curved wing E, arranged substantially in the manner and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

SAMUEL C. RUGLAND. [L. s.]

Witnesses:

WILMER BRADFORD,  
CHAS. E. KELLY.