

S. T. TAYLOR.
Cutting Gage.

No. 106,741.

Patented Aug. 23, 1870.

Fig. 1.

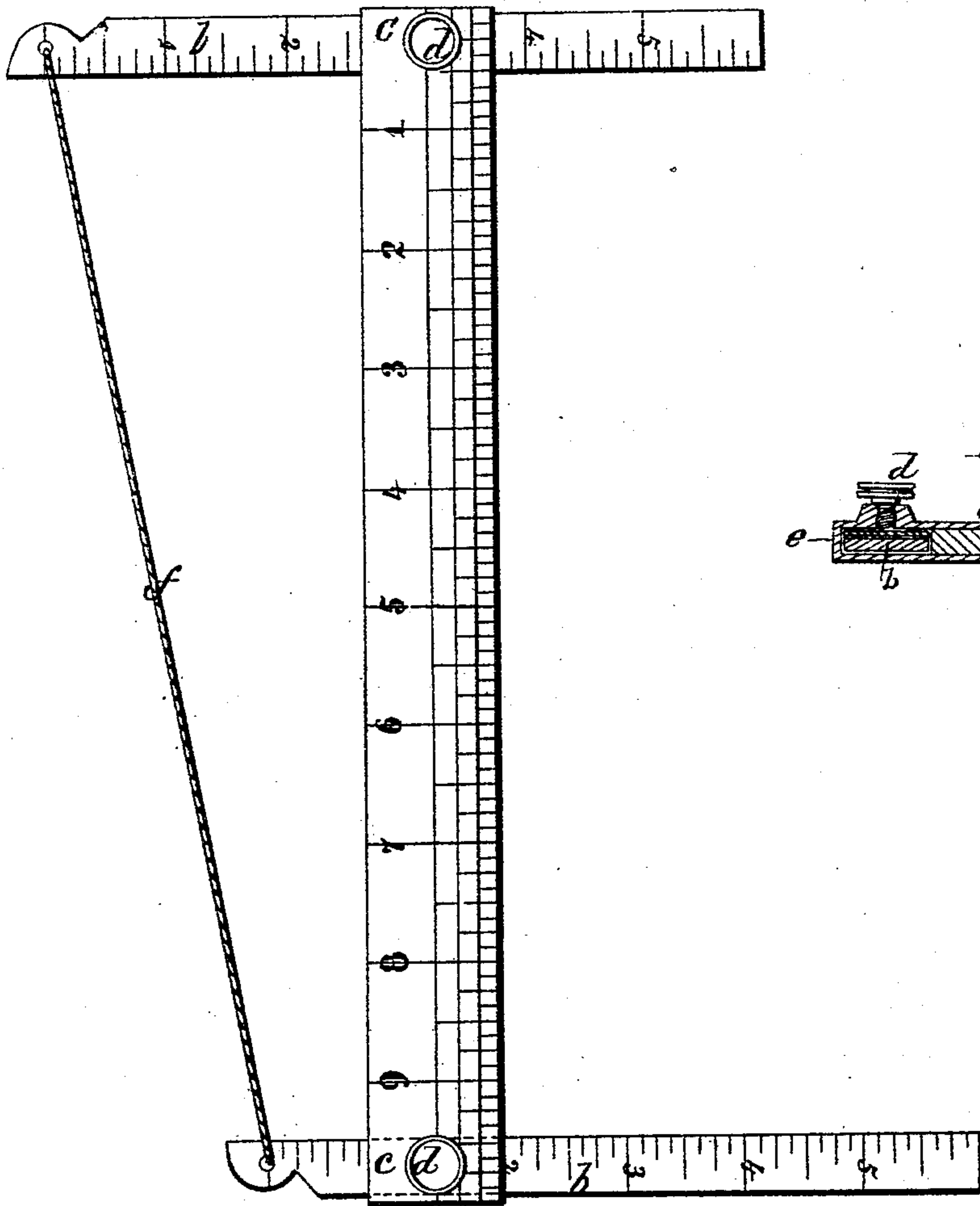
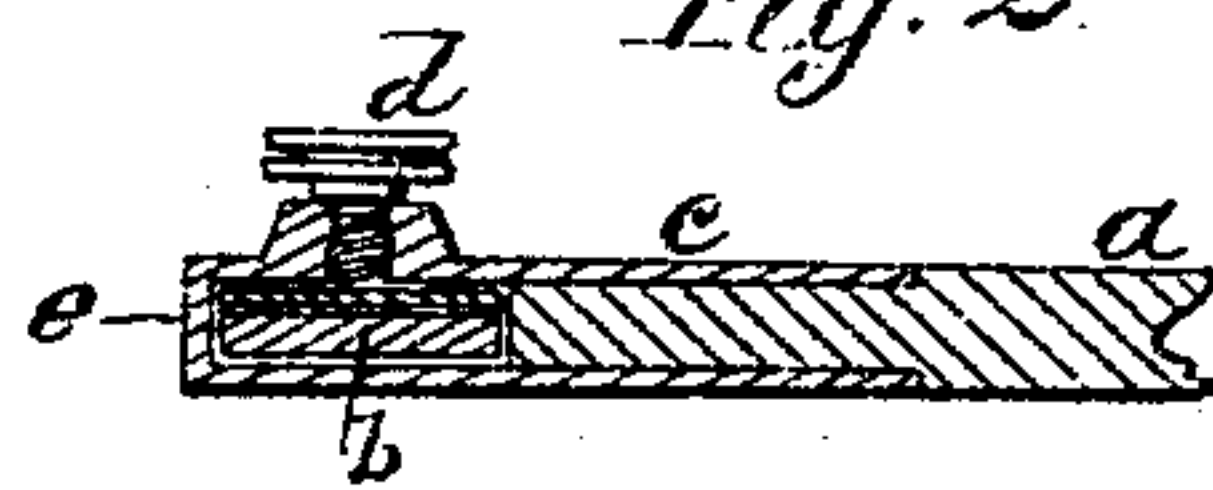


Fig. 2.



Witnesses;
H. G. Street
Thos. D. D. Curran

Inventor;
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United States Patent Office.

SAMUEL T. TAYLOR, OF NEW YORK, N. Y.

Letters Patent No. 106,741, dated August 23, 1870.

IMPROVEMENT IN GAUGE FOR CUTTING BIAS PIECES OF CLOTH.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, SAMUEL T. TAYLOR, of New York, in the county of New York and State of New York, have invented a new and improved Gauge for Cutting Bias Pieces; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a plan view, and

Figure 2 is a sectional elevation, longitudinal as regards the main wand, and transverse as regards the cross-piece.

This invention has for its object the setting of a cord at any angle to a straight wand, in order that the cord may serve as a guide for cutting bias pieces out of cloth.

The invention consists in the combination of a straight wand, with sliding cross-pieces placed at right angles to the wand, in sockets at the ends of the same, and with a cord which connects those extremities of the cross-pieces that are on the same side of the wand, by which arrangement the cord may be set at any desired angle with the wand, on moving the cross-pieces to the required extent.

In the drawing—

a is the main wand.

b b, the cross-pieces.

c, fig. 2, one of the metal sockets on the ends of the main wand, in which the cross-pieces slide.

d, set-screws, which pass through the upper sides of the sockets.

e, fig. 2, a brass plate placed between the set-screw and the cross-piece, for the screw to bear upon and to transmit the pressure of the screw to the cross-piece.

f, the cord that connects the two ends of the cross-pieces that are on the same side of the wand, and serves as a guide in cutting.

This apparatus being laid straight across a strip of cloth, enables the operator, by sliding the gauge along the strip, to cut off any number of bias pieces, each of which shall be of uniform width throughout. Triangular pieces may also be cut with this instrument.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the main wand *a*, sliding cross-pieces *b b*, and cord *f*, arranged as described.

SAMUEL T. TAYLOR.

Witnesses:

HIRAM OSTRANDER,
GEO. W. TAYLOR.