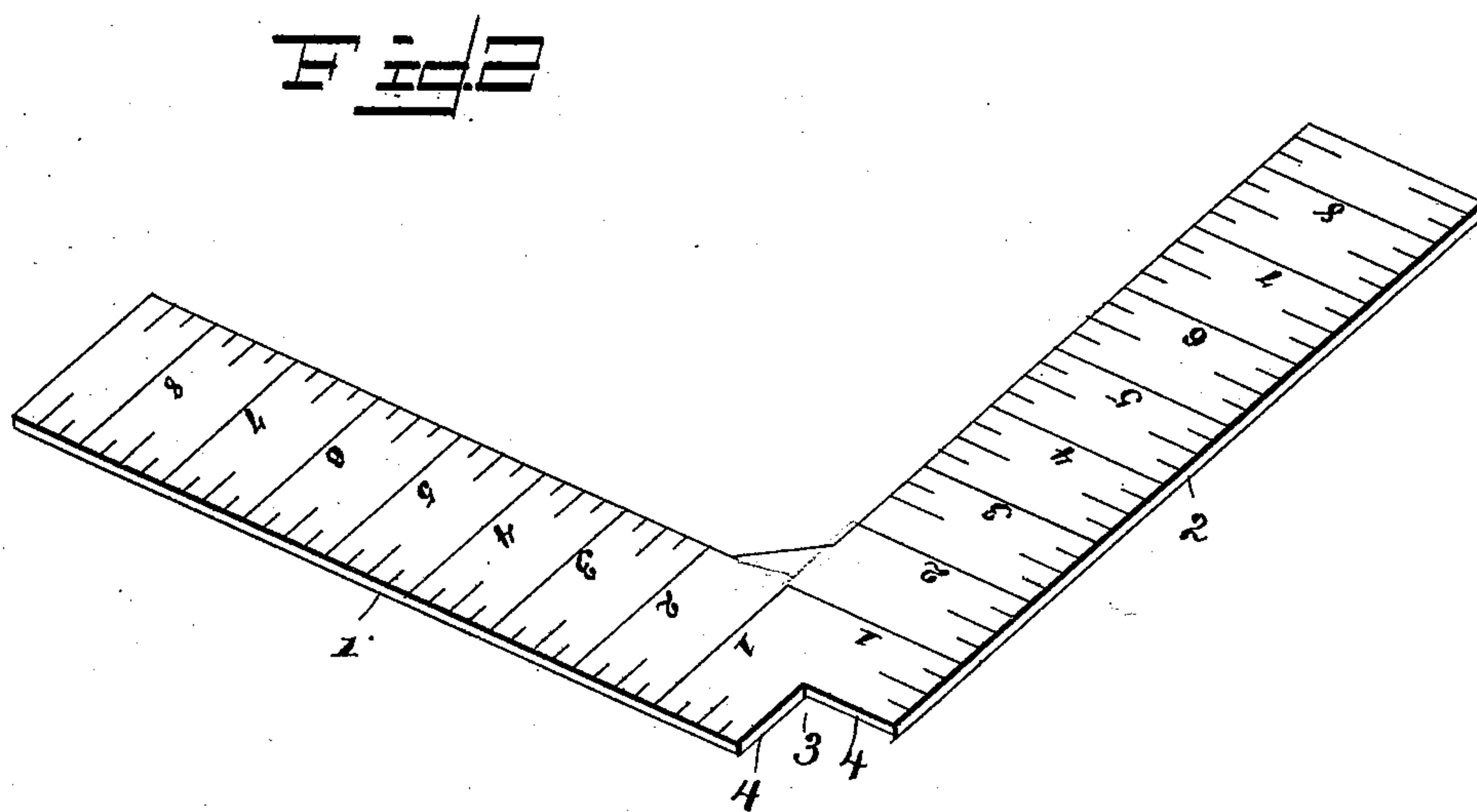
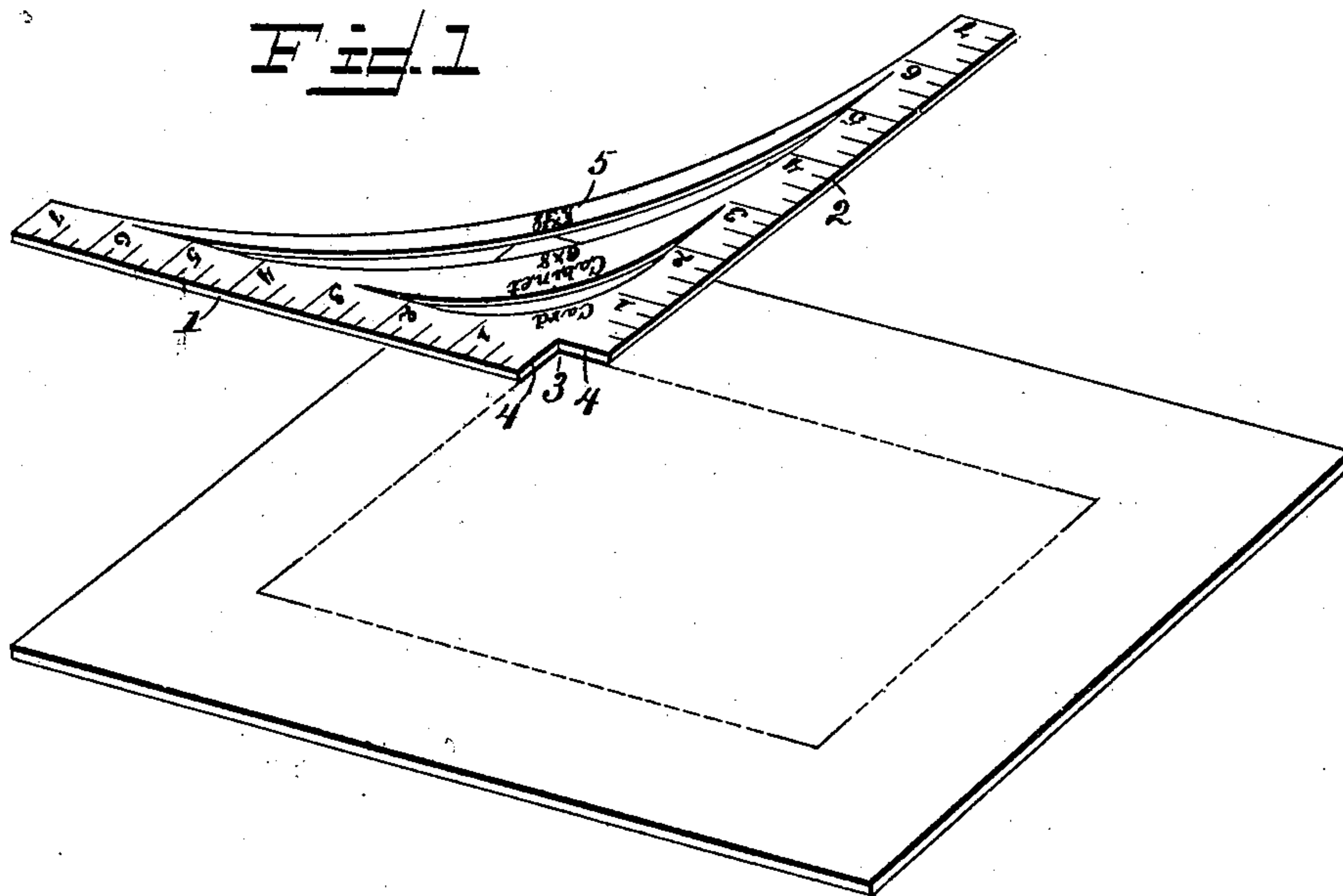


(No Model.)

L. H. BARBERIE.
SQUARE FOR PICTURE FRAME MATS.

No. 513,665.

Patented Jan. 30, 1894.



Witnesses

W. B. Mattingly

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Inventor

Louis H. Barberie

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UNITED STATES PATENT OFFICE.

LOUIS HOMER BARBERIE, OF JACKSONVILLE, FLORIDA.

SQUARE FOR PICTURE-FRAME MATS.

SPECIFICATION forming part of Letters Patent No. 513,665, dated January 30, 1894.

Application filed March 31, 1893. Serial No. 468,450. (No model.)

To all whom it may concern:

Be it known that I, LOUIS HOMER BARBERIE, a citizen of the United States, residing at Jacksonville, in the county of Duval and State of Florida, have invented a new and useful Delineator for Laying Off Mats for Picture-Frames, of which the following is a specification.

My invention relates to a device for laying off mats for picture frames, and it has for its object to provide an implement for the purpose named which shall be simple and efficient in operation and which may be inexpensively manufactured.

With these objects in view my invention consists in a construction which partakes, in general features, of the nature of a carpenter's square, and is provided with means whereby, when the width of the frame and the width of the picture are known, the mat may be laid off to provide any desired exposure and may be shaped to conform to the ground of the picture.

My invention consists, furthermore, in certain details of construction and arrangement which are fully described hereinafter and particularly pointed out in the appended claim.

In the drawings: Figure 1 is a perspective view of a device embodying my invention, applied in the operative position to a card as in laying off a mat. Fig. 2 is a similar view of a modified form of the delineator, in which the curved or arc-shaped edges are omitted.

Similar numerals of reference indicate corresponding parts in both the figures of the drawings.

The body-portion of the delineator is in the form of a square, having the arms, 1, 2, arranged at a right-angle or perpendicular to each other, said arms being graduated in inches and fractions of an inch, or in accordance with any other preferred standard or unit of measurement. The apex or angle at the meeting ends of the arms is cut away to form a notch, 3, the side edges 4, 4, of which are perpendicular to each other and are respectively parallel with the outer edges of the arms, (or respectively perpendicular to the edges which they intersect.) The graduations upon the arms of the body-portion have their initial points at those sides of the notch, 3, respectively, which intersect their edges. Between the inner edges of the arms, or in the re-entrant angle formed by the same, is ar-

anged a series of connecting webs, 5, provided with curved or arc-shaped edges, described, respectively, from different centers and thereby having different curvatures to suit pictures of different sizes. The sizes of the pictures to which said curves are respectively adapted may be indicated adjacent to the edges by the marks "10x8," "10x12," "Cabinet," &c., which refer to the sizes of the pictures. These curves are employed to lay off a curved or arched top or bottom, or both, for the mat.

The operation of the delineator is indicated in Fig. 1, from which it will be seen that the arms are arranged respectively perpendicular to the edges of the card, (previously squared in any approved manner) with the desired widths of margins indicated by the scales, when the angular notch at the apex of the device will indicate the corner of the proposed opening in the mat. Having repeated this operation for each angle of the mat the aligned arms of the marks, (which should be made upon the surface of the card as the position of each corner is found) should be connected as shown by the dotted lines in Fig. 1. The figure thus laid off indicates accurately the size and shape of the opening in the mat.

My improved delineator may be made of any preferred material, as steel, rubber (vulcanized), celluloid, wood, glass, &c. Furthermore, it will be understood that changes in the form, proportion and minor details of construction may be resorted to without departing from the spirit and intent of my invention or sacrificing any of the advantages thereof.

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

A delineator comprising angularly-disposed graduated arms and having its exterior angle cut away to form a right angled notch 3, the graduations upon said arms commencing at the sides of the notch and increasing toward the extremities of the arms, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

LOUIS HOMER BARBERIE.

Witnesses:

EDWARD LUDLOW, Jun.,
J. S. BELL.