

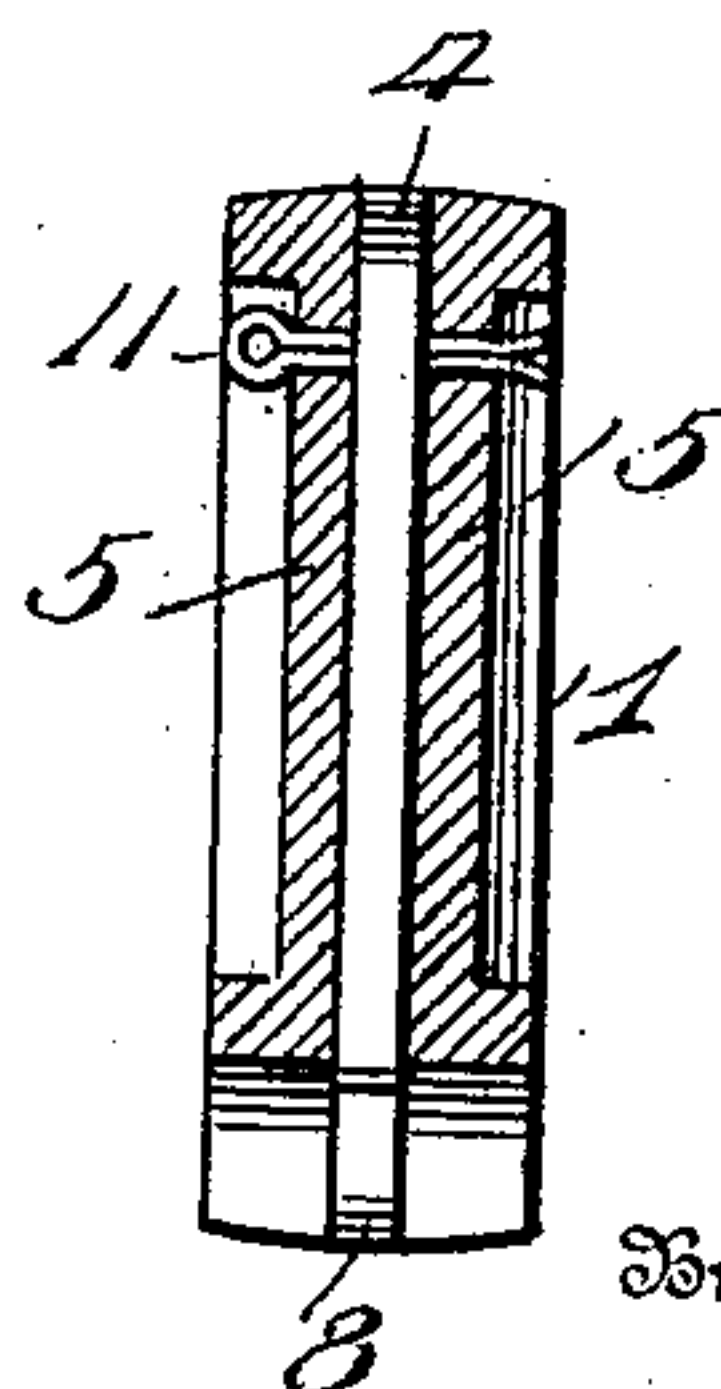
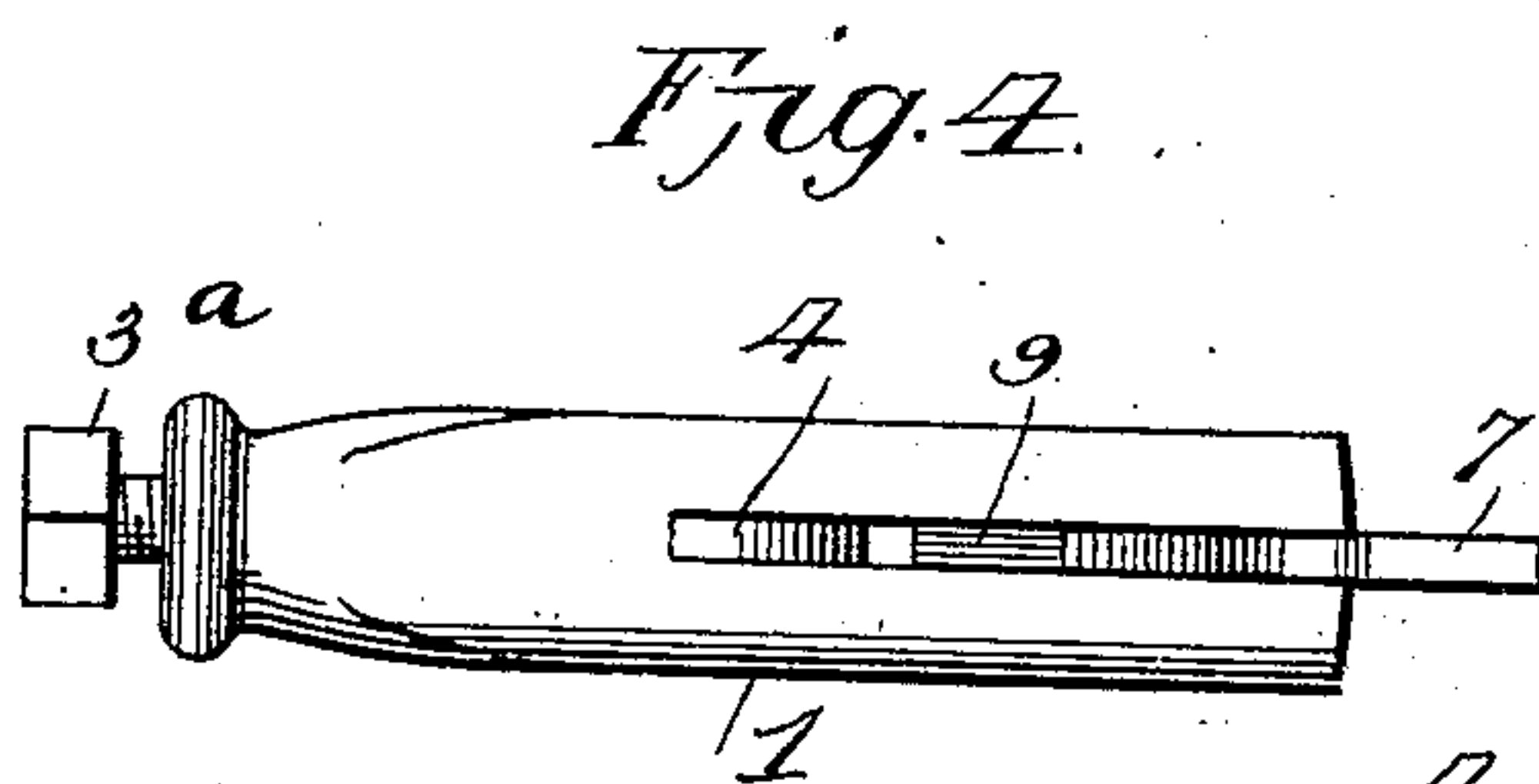
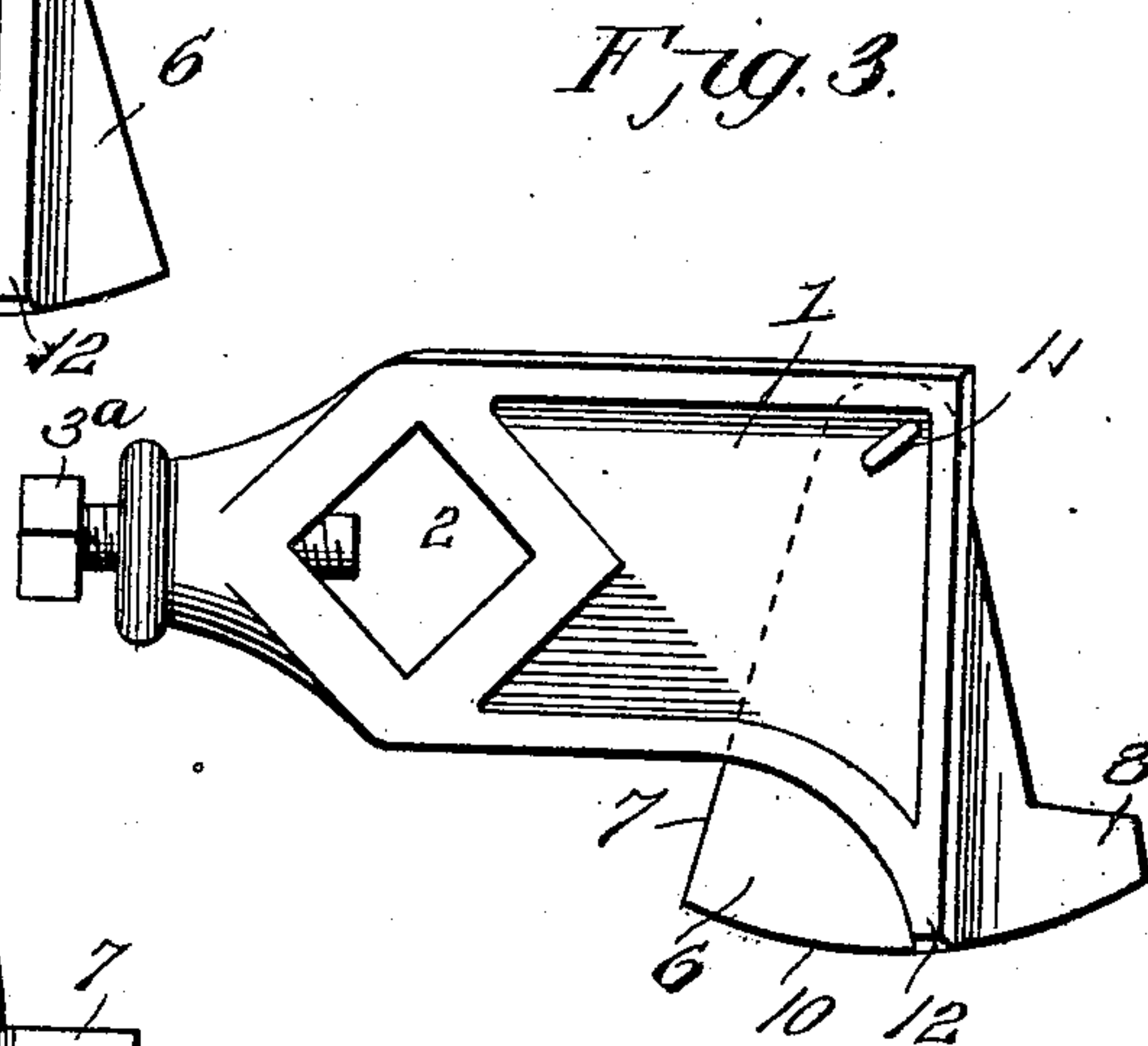
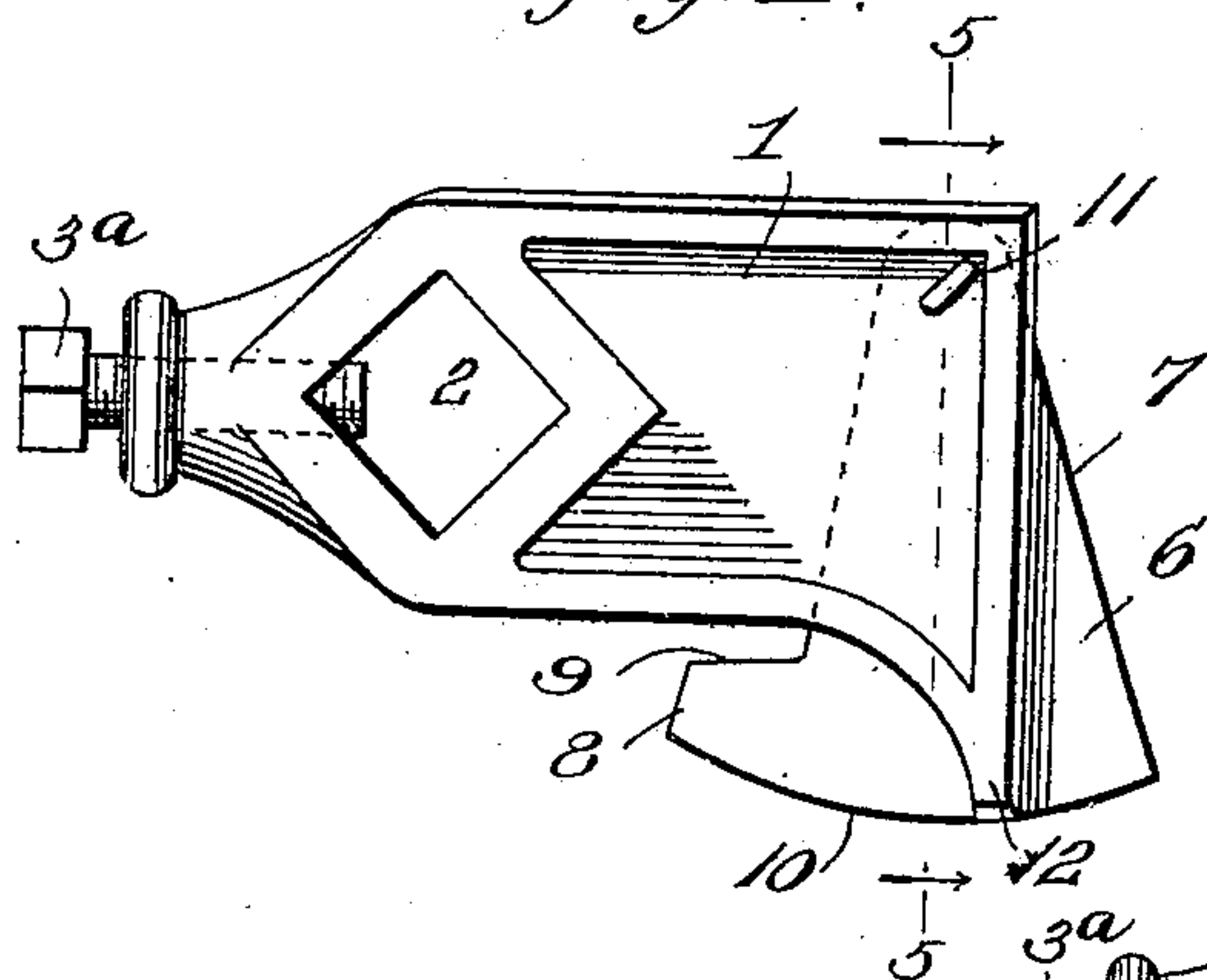
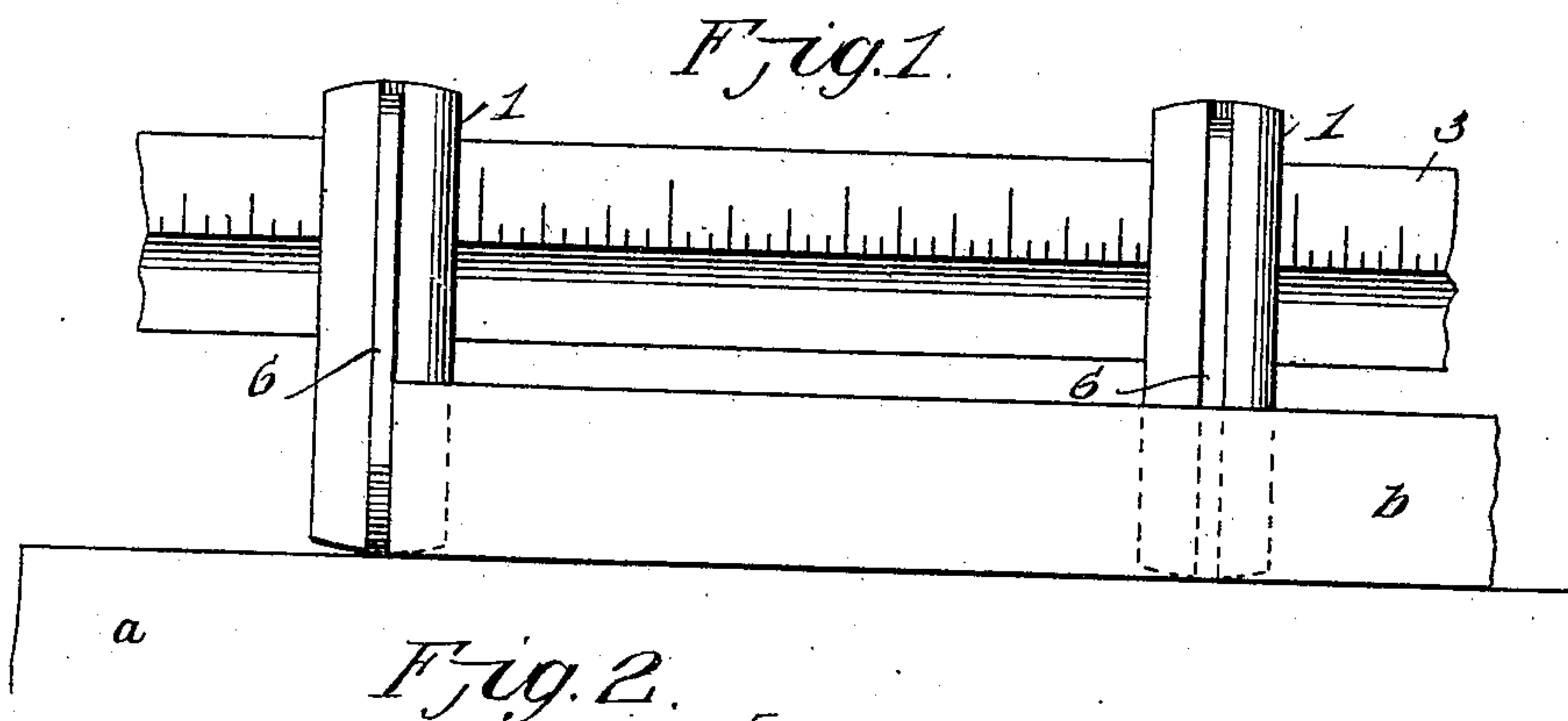
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PATENTED JULY 2, 1907.

E. L. SPENCER & C. D. WILDRICK.

SAW TABLE GAGE.

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UNITED STATES PATENT OFFICE.

EARL L. SPENCER, OF BALTIMORE, MARYLAND, AND CHARLES D. WILDRICK, OF
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SAW-TABLE GAGE.

No. 859,138.

Specification of Letters Patent.

Patented July 2, 1907.

Application filed February 26, 1907. Serial No. 359,521.

To all whom it may concern:

Be it known that we, EARL L. SPENCER, a citizen of the United States, residing at Baltimore, in the State of Maryland; and CHARLES D. WILDRICK, a citizen of the United States, residing at Friendship, in the county of Allegany and State of New York, have invented certain new and useful Improvements in Saw-Table Gages, of which the following is a specification.

This invention relates to saw table gages, and one of the principal objects of the same is to provide an adjustable gage with a pivoted dog which serves as a stop for one end of a board to be sawed, and which may be reversed to form a support for the tenoned ends of a sash stile for mortising the same.

Another object of the invention is to provide a series of adjustable gages to be connected adjustably to a rule, and to be provided with a pivoted dog which may be swung out from any one of the gages to form a stop for the end of a board, while the other gages serve as abutments for the edge of the board.

These and other objects may be attained by means of the construction illustrated in the accompanying drawings, in which:

Figure 1 is a side elevation of a pair of gages secured to a graduated rule and resting upon a work table with one end of a board engaging one of the pivoted dogs to stop the board at the required point. Fig. 2 is a side elevation of one of the gages with the pivoted dog in one of its adjusted positions. Fig. 3 is a similar view of the gage with the pivoted dog adjusted to another position. Fig. 4 is a top plan view of the upper edge of the gage. Fig. 5 is a vertical sectional view on the lines 5-5, Fig. 2, looking in the direction indicated by the arrows in said figure.

Referring to the drawing, the numeral 1 designates the body portion of the gage provided at one end with a squared opening 2 for a square rule 3 provided with the usual graduating marks and provided with a set screw 3^a for holding the gages at adjusted points upon said rule. The body portion 1 of the gage is provided with a slot 4 which provides two spaced side members 5 between which a pivoted dog or stop 6 is disposed, said dog having a plain surface 7 and a projecting toe 8 from the opposite edge, said toe having an inclined upper surface 9. The dog or stop is provided with a curved lower surface 10 and is pivoted between the members 5 on a removable pin or screw 11. The side members 5 have projecting feet 12 which terminate substantially in line with the curved edge 10 of the stop or dog.

The operation of our invention may be briefly de-

scribed as follows: The square rule 3 is supported at its opposite ends by brackets secured to the table *a*, and secured upon the rule 3 is a series of gages made in accordance with our invention, said gages being held upon the rule at the required points, say 6 inches, a foot, two feet, and five feet apart, the rule and gages being secured upon the table *a* in front of a circular saw or other wood working device. The board to be sawed off is pressed up against the edges 7 of the dogs until they are swung upon their pivots to lie flush with the outer surface of the gages, the end of the board *b* abutting against the stop or dog 6 to determine the length of the board to be sawed off. It will thus be seen that with the gages being arranged at suitable intervals upon the rule; any length board may be quickly sawed off by abutting the end of the board against one or the other of the dogs 6 and pushing the intermediate dogs backward by the edge of the board. Whenever it is required to use the gages on a foot mortising machine for mortising sash stiles, the dog 6 is reversed as shown in Fig. 3, the toes 8 then serving as a support for the tenoned ends of the sash and the shoulders at the ends of the tenons abutting against the sides of the dogs or stops 8.

From the foregoing it will be obvious that a gage and stop made in accordance with our invention will be found very convenient in places where boards are to be sawed off at different lengths or where mortising or other work, such as boring, is carried on.

Having thus described the invention, what I claim is:

1. A gage and stop for wood working machines comprising a body portion having an aperture therein for a graduated rule, and means for securing said gage at adjusted points on said rule, and a reversible pivoted dog and stop having a plain side and a toe projecting from the opposite side or edge, substantially as described.

2. A gage comprising a body portion provided with a slot, a dog or stop pivoted in said slot and provided with a plain surface upon one edge and a projecting toe upon the opposite edge.

3. A gage comprising a series of gage members adjustably secured to a rule, a pivoted dog connected to each gage member, said dog having a curved undersurface, a plain front edge, and a toe projecting from the bottom of the opposite edge, substantially as described.

In testimony whereof we affix our signatures in the presence of two witnesses.

EARL L. SPENCER.

CHARLES D. WILDRICK.

Witnesses as to signature of Earl L. Spencer:

H. V. WHITE,

GEORGE D. DEAN.

Witnesses as to signature of Charles D. Wildrick:

W. C. KINGSBURY,

E. A. KING.