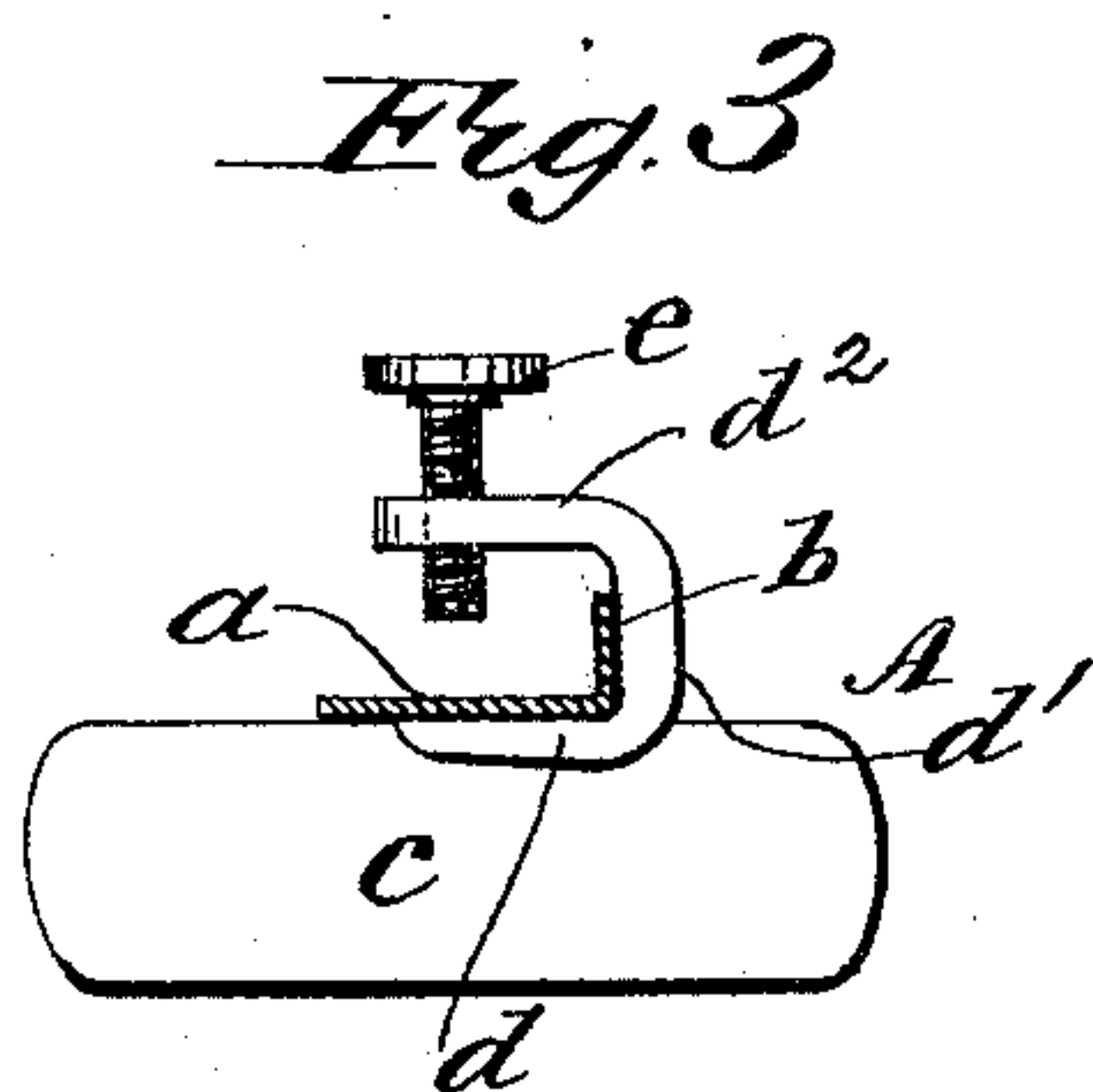
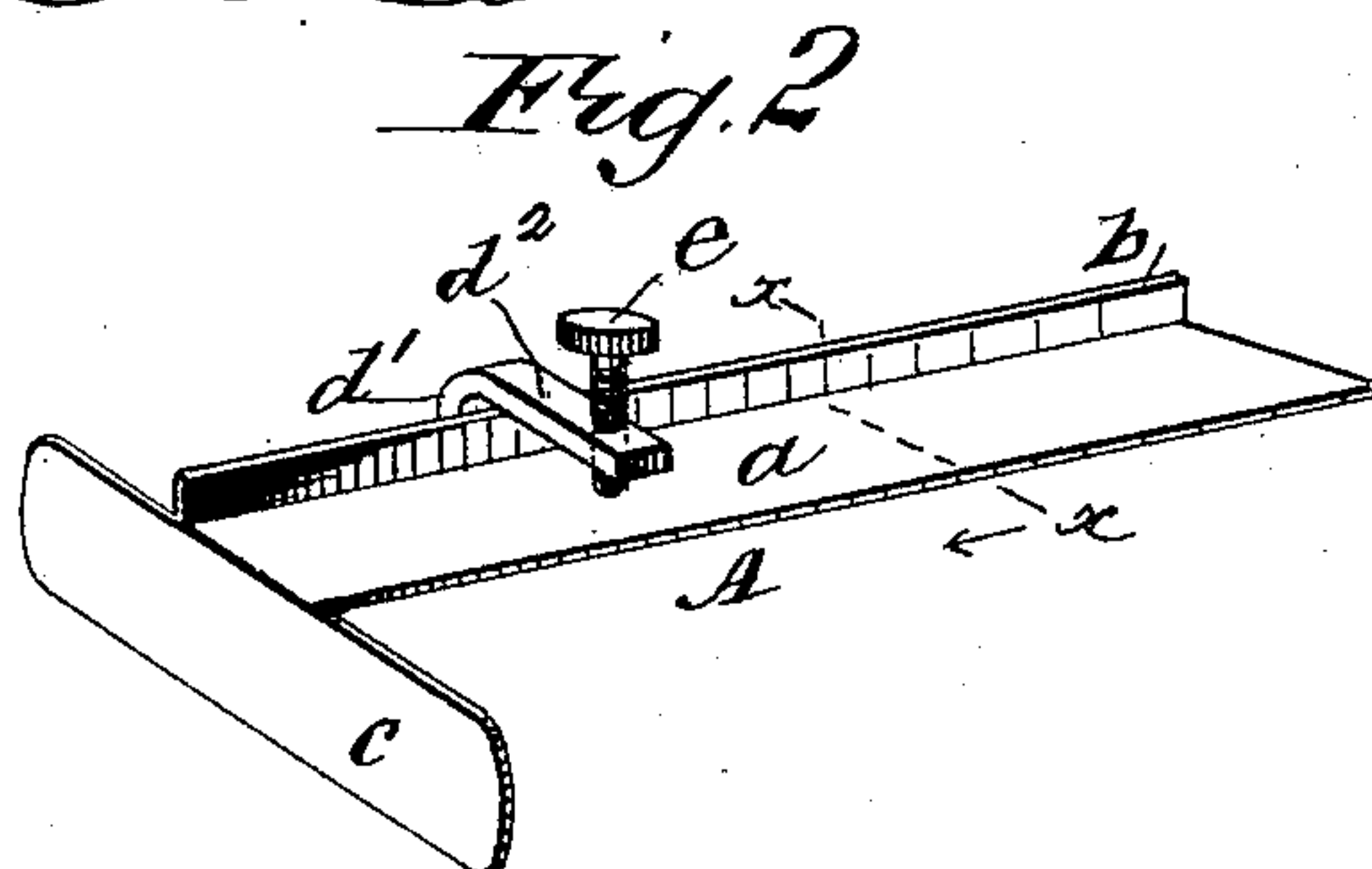
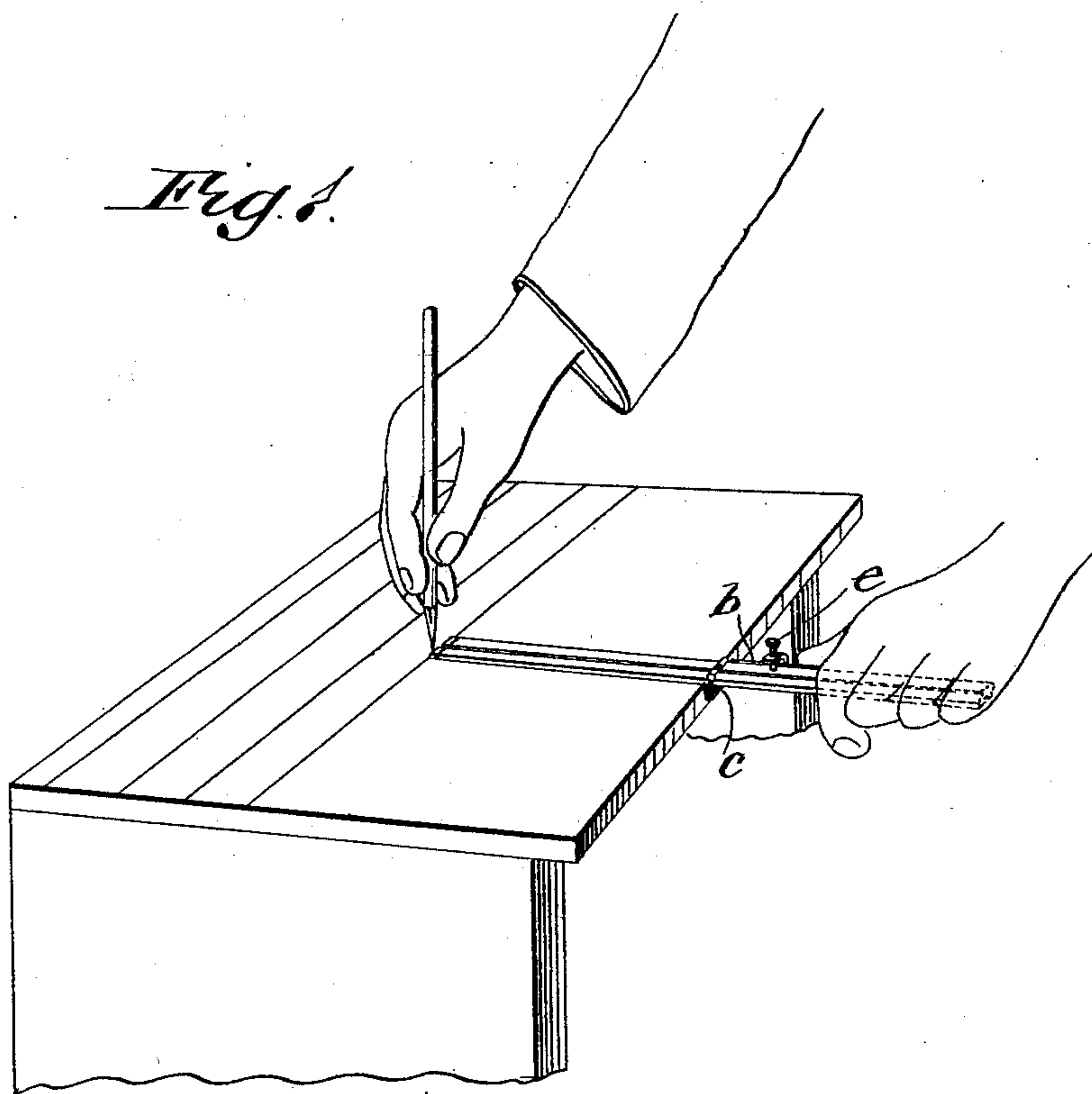


(No Model.)

C. W. MORRILL.
GAGE.

No. 452,677.

Patented May 19, 1891.



WITNESSES:
F. M. Andle.
C. Sedgwick

INVENTOR.
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UNITED STATES PATENT OFFICE.

CHARLES W. MORRILL, OF BUTTE CITY, MONTANA.

GAGE.

SPECIFICATION forming part of Letters Patent No. 452,677, dated May 19, 1891.

Application filed August 15, 1890. Serial No. 362,067. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. MORRILL, of Butte City, in the county of Silver Bow and State of Montana, have invented a new and useful Adjustable Gage, of which the following is a full, clear, and exact description.

The object of this invention is to provide a simple, cheap, and convenient implement which may be movably attached to a rule square blade, yard-stick, or other graduated measure of length and afford means for marking off parallel lines on any plane surface.

To this end my invention consists in the peculiar construction of the device, as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the device as applied to a rule and in use to lay off parallel lines. Fig. 2 is an enlarged detached view of the gage; and Fig. 3 is a transverse section of the device, taken on the line $x-x$ in Fig. 2, viewed in the direction of the arrow in said view.

The stock A of the gage is preferably bent from a single piece of sheet metal, although it may be cast into form and finished in any desired manner.

As shown, the device consists of an elongated flat plate a , having one edge turned up at a right angle, thus producing a border-flange b . One end of the plate a , which is termed a "table," has a depending transverse portion formed on it that serves as a guide for the entire device when in use. Said guide-flange c , being turned down at a right angle to the table a , is rounded on its corners and parallel on its edges to render the device shapely.

At a proper point a yoke-clamp is secured on the table a , said clamp consisting of a rectangular bar bent into U form, one limb d of which is secured on the lower side of the table a , the connecting-web d' having engagement with the outer surface of the border-flange b , and the free limb d^2 of the clamp, extending above the level face of the table, is perforated vertically near its end and threaded for the introduction of the set-screw e .

As shown in Fig. 1, the gage may be secured upon a two-foot rule by placing the rule on the table a , having the limb d^2 of the clamp d projected above the rule, so that the set-screw e may be adjusted to clamp the gage at any desired point on the rule.

When the device is clamped to a rule or other measuring-stick or upon the graduated blade of a carpenter's square, it is apparent that by sliding the gage along the edge of a board, keeping the guide-flange c in bearing contact with the same, the end of the rule, square, or yard-stick that is allowed to project beyond the guide-plate may be utilized, as shown, to guide a pencil in the hand of an operator, and thus produce a line parallel to the edge of the board.

As the gage can be quickly applied and readily moved to adjust it on a rule at any desired point, it affords a very convenient and compact adjunctive implement, which will be of service to wood or metal workers, and will also be of advantage to a draftsman.

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

1. A gage constructed of metal and provided with a table having a border-flange and a guide-flange, a yoke-clamp secured on the table, and a set-screw in one of the limbs of the clamp, substantially as described.

2. An adjustable gage constructed of a single piece of sheet metal and having a flat table, on one edge of which a border-flange is turned at a right angle to the face of the table, a depending transverse guide-flange at one end of the table at a right angle to the border-flange, and a U-shaped clamp secured on the table of the gage, having a limb projecting over the face of the table and adapted to receive a set-screw to clamp the gage on a rule or other measure of length, substantially as set forth.

CHARLES W. MORRILL.

Witnesses:

HANS ROSETT,
E. C. ROBBINS.