

No. 614,070.

Patented Nov. 8, 1898.

L. O. BARRETT.
MECHANIC'S GAGE.

(Application filed Feb. 2, 1898.)

(No Model.)

Fig. 1

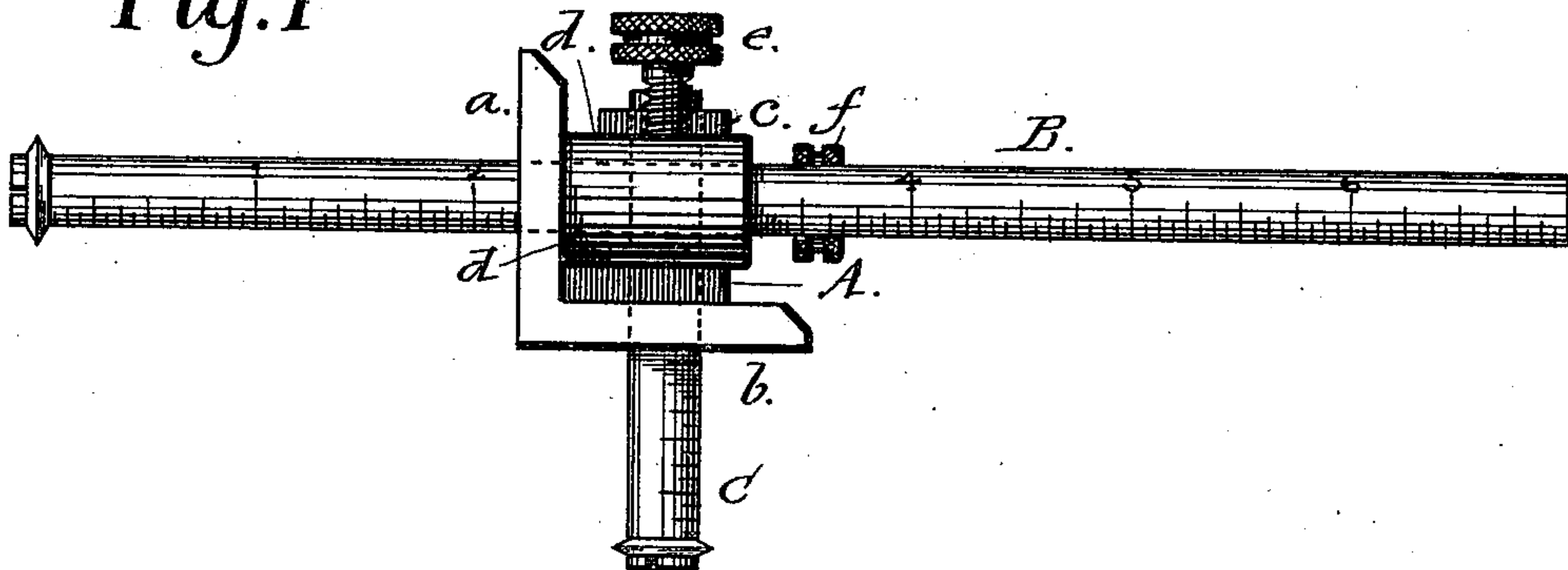


Fig. 2

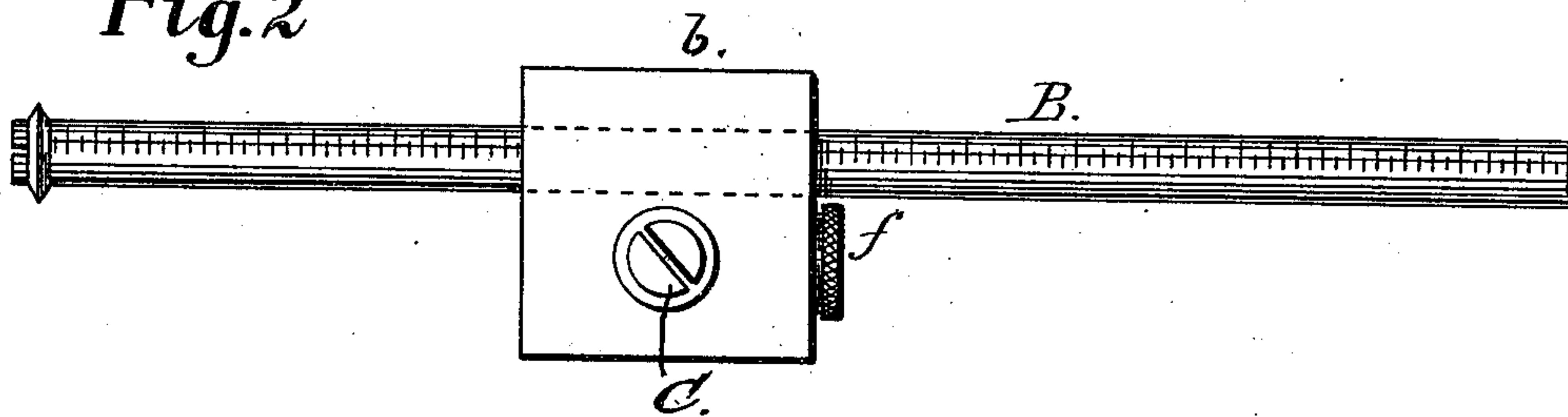
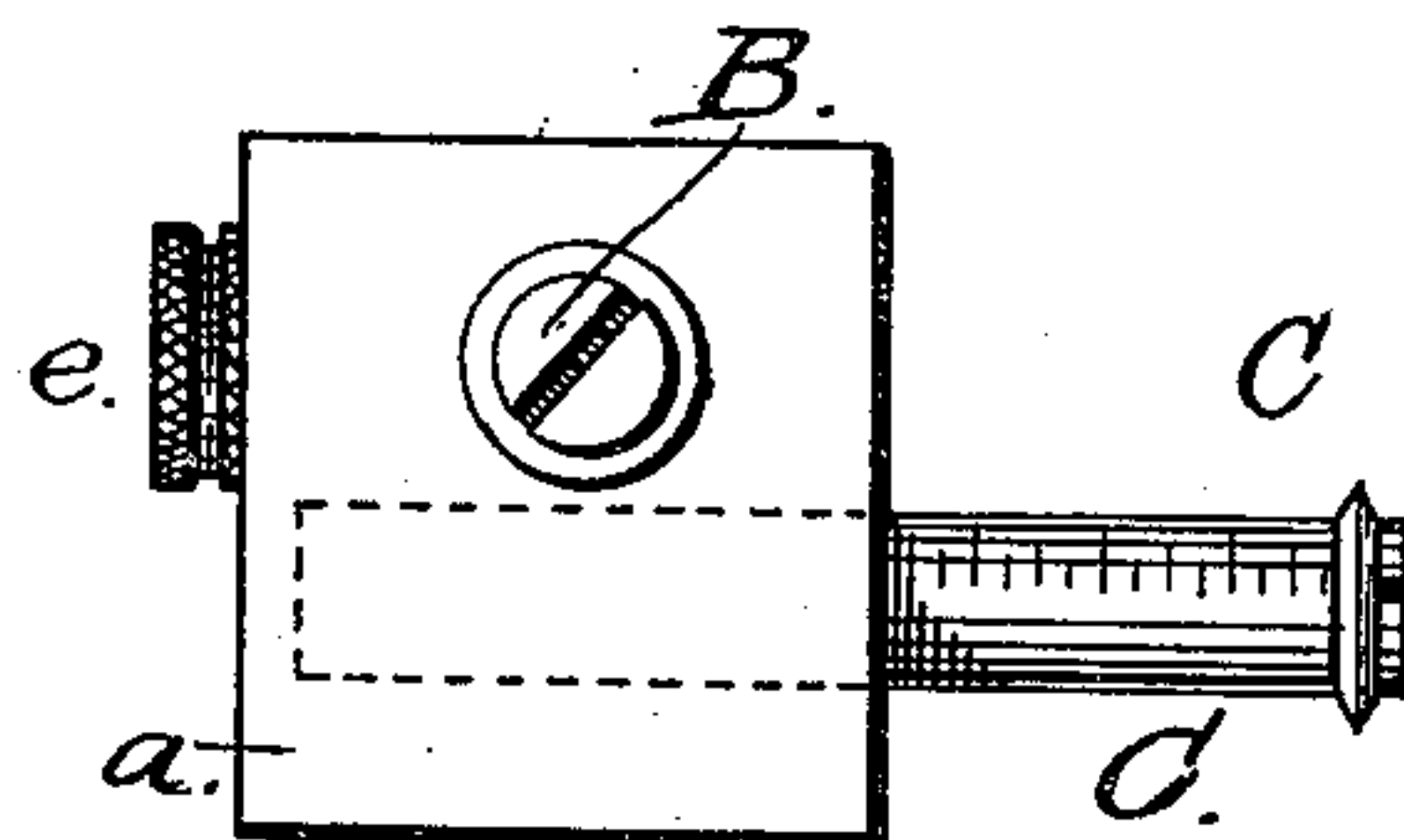


Fig. 3



Witnesses
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UNITED STATES PATENT OFFICE.

LUCIUS O. BARRETT, OF GREENFIELD, MASSACHUSETTS, ASSIGNOR TO THE
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MECHANIC'S GAGE.

SPECIFICATION forming part of Letters Patent No. 614,070, dated November 8, 1898.

Application filed February 2, 1898. Serial No. 668,857. (No model.)

To all whom it may concern:

Be it known that I, LUCIUS O. BARRETT, a citizen of the United States, residing at Greenfield, in the county of Franklin and State of Massachusetts, have invented certain new and useful Improvements in Mechanics' Gages; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is an improvement in gages or markers for the use of mechanics and others.

It consists of a gage-stock provided with two sockets integral therewith, one arranged with its axis at right angles to that of the other, two gage-bars, and two clamping-screws, which enter said sockets at right angles to the axis of said sockets to clamp the respective gage-rods.

In the drawings illustrating my invention, Figure 1 is a plan or top view of the gage-stock, showing both gage-bars adjusted to place. Fig. 2 is a side view of the gage. Fig. 3 is another side view of the gage, taken in a plane at right angles to that of Fig. 2.

Similar reference-letters indicate like parts in all of the figures of the drawings.

Referring to the drawings, A is the gage-stock, provided with flange-guards *a* and *b*, with faces at right angles, and sockets *c* and *d*, the latter formed integrally with the said stock and respectively at right angles to each other with reference to their axes.

B and C are the gage-bars, adapted to enter their respective sockets and pass partly through them in the act of adjustment.

e and *f* are clamping-screws which are driven in through the walls of the respective

sockets to secure the said bars to suitable adjustment.

The bars B and C are provided with graduated marks indicating units of measurement and their fractions. At one end of each of these gage-bars are knife-edge rollers or markers secured loosely to place by screws which enter the ends of said bars. I preferably make one of these gage-bars long and the other short, as shown in the drawings, though they may for some purposes be of equal lengths.

The flange-guards have their openings which receive the gage-bars so located as to afford different widths between their edges and said bars at all sides, thus providing for gaging work under different conditions.

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

The mechanic's gage described which consists of a stock having two flange-guards arranged at right angles to each other and a part of said stock, in combination with two graduated bars adjustably arranged in said stock at right angles to each other, fixed by suitable set-screws and having rotatable markers, as described, said bars being so set in the stock, as described, as that varying margins may be presented between the edges of the flange-guards and the said bars, as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

LUCIUS O. BARRETT.

Witnesses:

DANA MALONE,

CHARLES D. SEVERANCE.