

No. 706,066.

Patented Aug. 5, 1902.

B. H. JOY.
RULING DEVICE.

(Application filed Dec. 15, 1900.)

(No Model.)

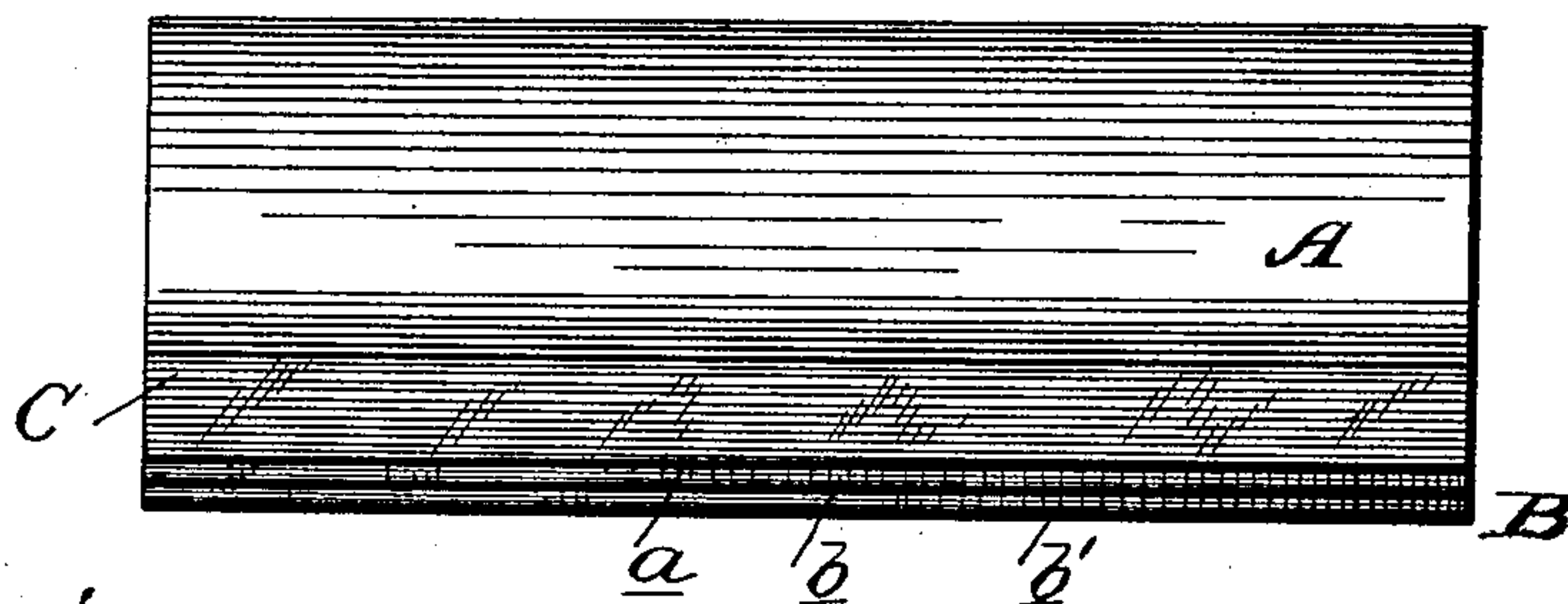


Fig. 1.

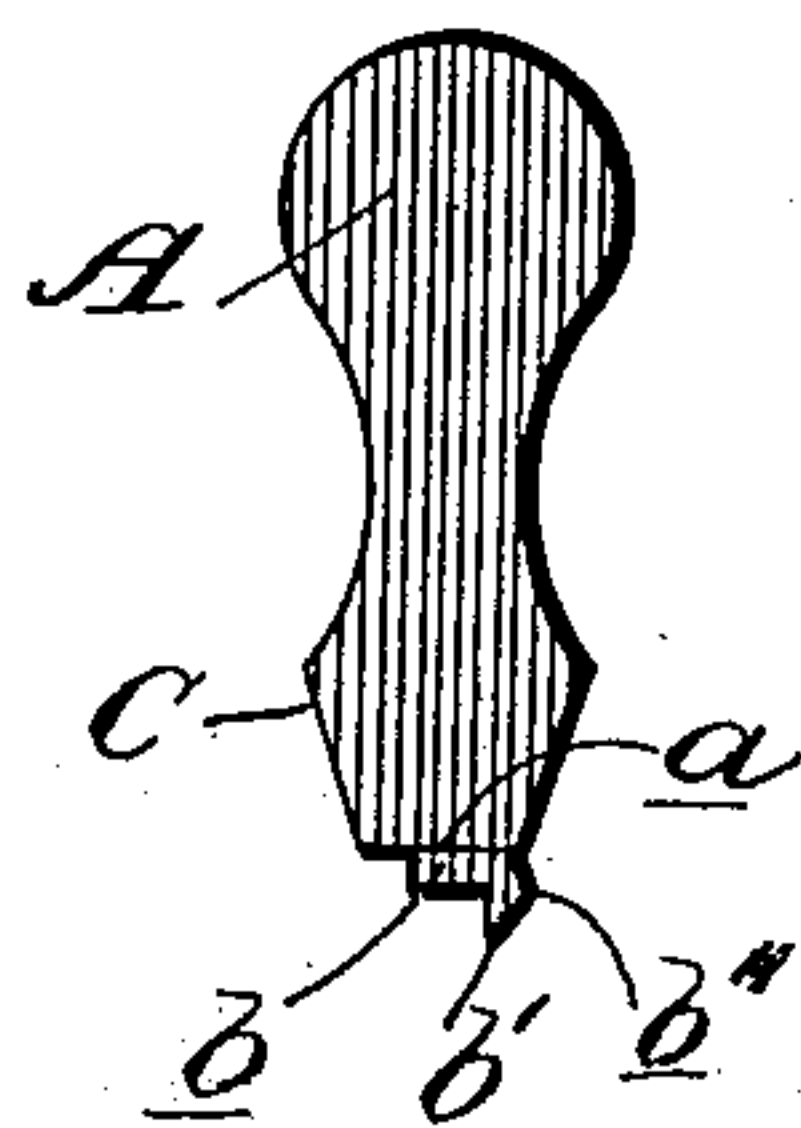


Fig. 2.

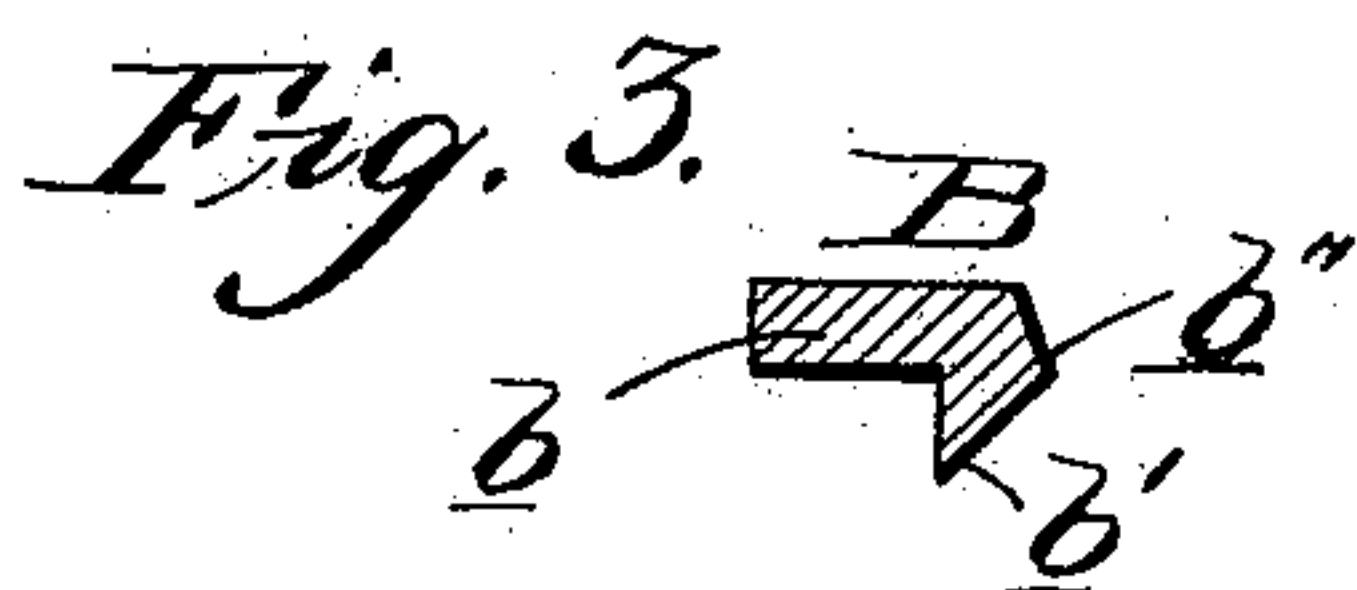


Fig. 3.

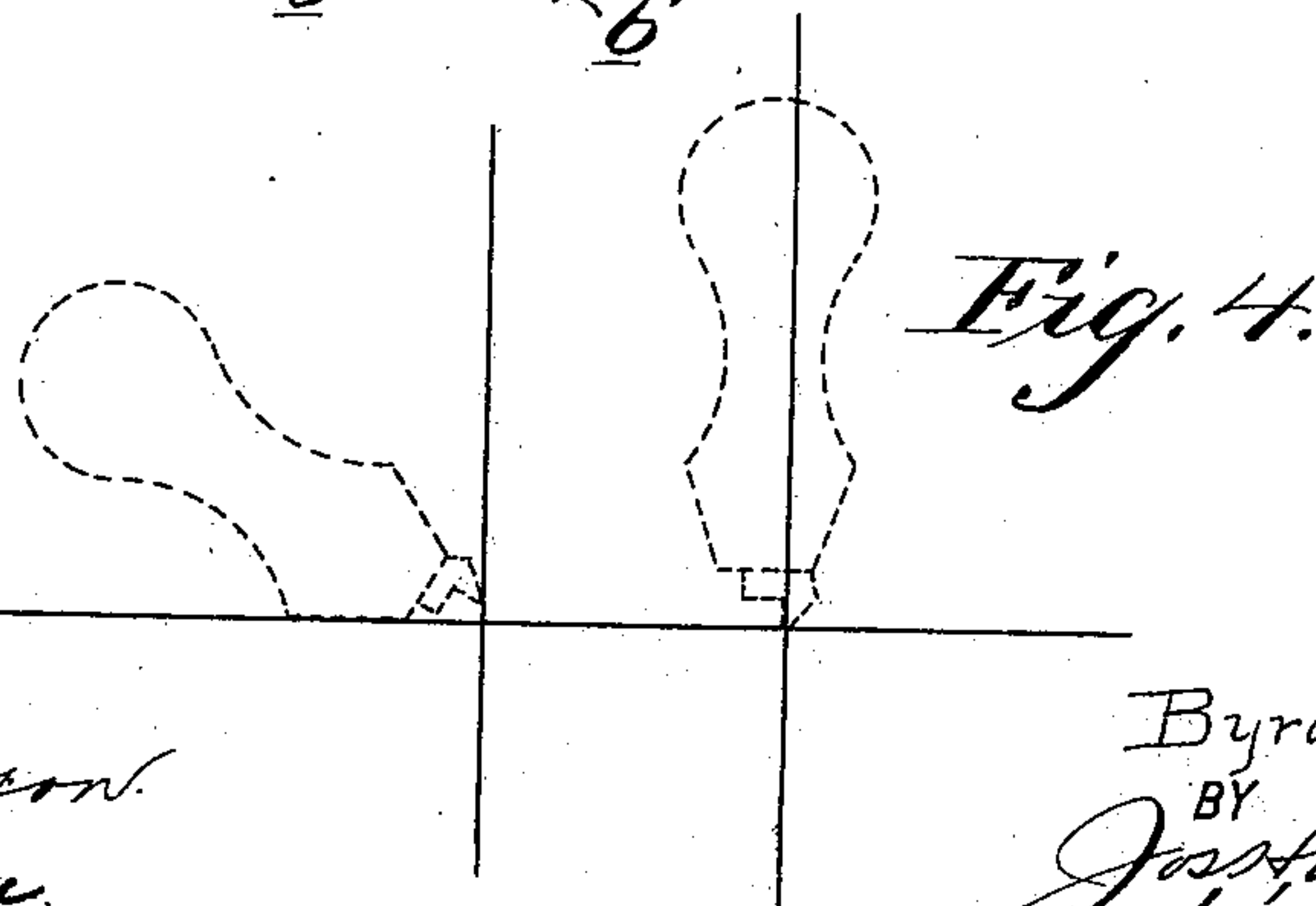


Fig. 4.

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RULING DEVICE.

SPECIFICATION forming part of Letters Patent No. 706,066, dated August 5, 1902.

Application filed December 15, 1900. Serial No. 39,950. (No model.)

To all whom it may concern:

Be it known that I, BYRON H. JOY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Ruling Devices; 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.

This invention relates to a new and novel article of manufacture in the nature of a hand device designed primarily for use in underscoring, interlining, and ruling, but susceptible of other uses, as will be readily apparent from the detailed description hereinafter and the appended claims.

The invention is intended to overcome the many objections incident to the use of the ordinary ruling-pen. Heretofore when it has been found desirable to underscore a particular word or words in a writing or to interline, but more particularly in accounting, where many balances have to be struck and consequently many red-ink lines drawn, it has been necessary to employ a peculiar style of pen which had to be first filled with red or other ink and used in connection with a ruler or straight-edge. This is objectionable, inasmuch as it necessarily involves a waste of time and often mars the neatness of a sheet or page by smearing.

The invention embraces the idea of providing a handle or holder in the edge of which is formed or supported an elongated flexible ruling-strip, the same constituting a hand device or stamp to be used in connection with ink-pads of any ordinary or preferred construction.

The invention also embraces the idea of forming a running edge at one side of the holder that the same may be slid back and forth upon a sheet to adjust the same at a proper point of alinement before ruling the line.

The invention further contemplates the constructing of a flexible strip provided with a ruling edge and having a longitudinally-disposed thickened or ribbed portion, whereby said ruling edge is given a lateral brace when operated.

In the accompanying drawings, forming

part hereof, an embodiment of the invention is delineated for the sake of illustration; but inasmuch as the invention is broad in its nature it is not the intention to be limited to the special construction shown.

Referring to the drawings, Figure 1 is a side elevation of the device. Fig. 2 is an end view. Fig. 3 is an enlarged cross-section of the flexible ruling-strip unattached, and Fig. 4 is a diagrammatic view of a manner of using the device.

Like reference characters refer to corresponding parts in the several figures.

A designates an elongated operating-handle or supporting member of suitable configuration to fit the hand of a user and made of any suitable material, preferably aluminium by reason of its lightness and non-corrosive qualities. The lower edge of the member A is flat, as shown at *a*, and secured to this edge or recesses therein, if found expedient, by cementation or otherwise is an elongated flexible ruling-strip B. The strip comprises a widened upper portion or attaching-flange *b*, a fine ruling edge *b'*, and a ribbed or enlarged rear portion *b''*, adapted to brace the ruling edge in a manner to be pointed out.

It is desirable in using a ruling device of this nature in order to preserve proper alinement or rule a line at a particular point to move the device upon the sheet until its proper position is ascertained prior to ruling the line. This is accomplished by providing the lower edge of one side of the operating handle or holder with an inclined surface C, or what I will term a "running edge," and attaching the flexible strip to the holder with its attaching-flange adjacent the running edge, but slightly inward from the bearing constituted by the meeting of the running edge with the edge *a*. It will thus be seen that the ruler may primarily rest upon the edge C (see diagrammatic view) and run or slide upon the surface of the sheet until the ruling edge is in desired alinement, when the holder will be elevated upon its bearing and into vertical position and the line ruled or stamped. The flexible strip being positioned upon the lower edge of the holder, as stated, with its securing-flange at a point remote or away from the running edge, no portion thereof can come in contact with the surface upon

which the running edge slides to interfere with the perfect operation of the device by friction or otherwise. The ribbed portion *b''* serves to prevent the ruling edge from bending or flattening as the holder is elevated, so that the danger of making smeared or uneven lines is obviated.

The device may be made of various lengths, according to the particular use to which the same is to be put.

From the foregoing description it will be appreciated that as a result of this invention an article of manufacture is provided which will be found of great utility, while at the same time simply and cheaply constructed.

It will be obvious that throughout this description and the claims where the term "ruling-strip" is mentioned the same is to be understood as covering a strip having in its edge either a single or double ruling-line.

I am aware that heretofore in the art of canceling stamps holders having beveled sides *per se* have been employed, also that holders provided with rubber strips having on their faces straight parallel canceling-ridges or canceling-ribs V-shaped in cross-section have been made. These I disclaim.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. A ruling device comprising a holder, a single ruling-strip secured to one side of the lower edge of the holder, and a running-surface on the holder at the side opposite the ruling-strip, substantially as described.

2. A ruling device comprising a holder, a single ruling-strip fastened to the lower edge of the holder at one side thereof, and means on the holder at the side opposite the ruling-strip adapted to engage a surface to permit the ruling-strip to be slid thereover free from contact therewith, substantially as described.

3. A ruling device comprising a holder, a

runner at one side of the holder adapted to engage and be slid over a surface, and a single ruling-strip secured to the edge of the holder at a point a sufficient distance away from the runner to be free from contact with the surface engaged by the runner when the runner is operated, substantially as described.

4. A ruling device comprising a holder, a ruling-strip, an attaching-flange on said strip secured to the edge of the holder at a point slightly short of one side thereof, and a runner on the holder at the side adjacent the flange of the strip, substantially as described.

5. A flexible ruling-strip having a substantially vertical side and a beveled side meeting to constitute a reinforced ruling edge, substantially as described.

6. An article of manufacture comprising a holder, a runner at one side of the holder adapted to engage and be slid over a surface, and marking means secured to the holder in a manner to be free from contact with the surface engaged by the runner when the runner is operated, substantially as described.

7. As a new article of manufacture, a holder, a bearing at one edge of said holder upon which the same may be operated, and marking means secured to the surface of the holder at a point remote from said bearing, substantially as and for the purpose described.

8. As an article of manufacture, a holder, a bearing at one edge of said holder upon which the same may be operated, a single ruling-strip, and means securing said strip to the surface of the holder at a point remote from said bearing, substantially as and for the purpose described.

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

BYRON H. JOY.

Witnesses:

J. A. COOK,
A. D. JOY.