

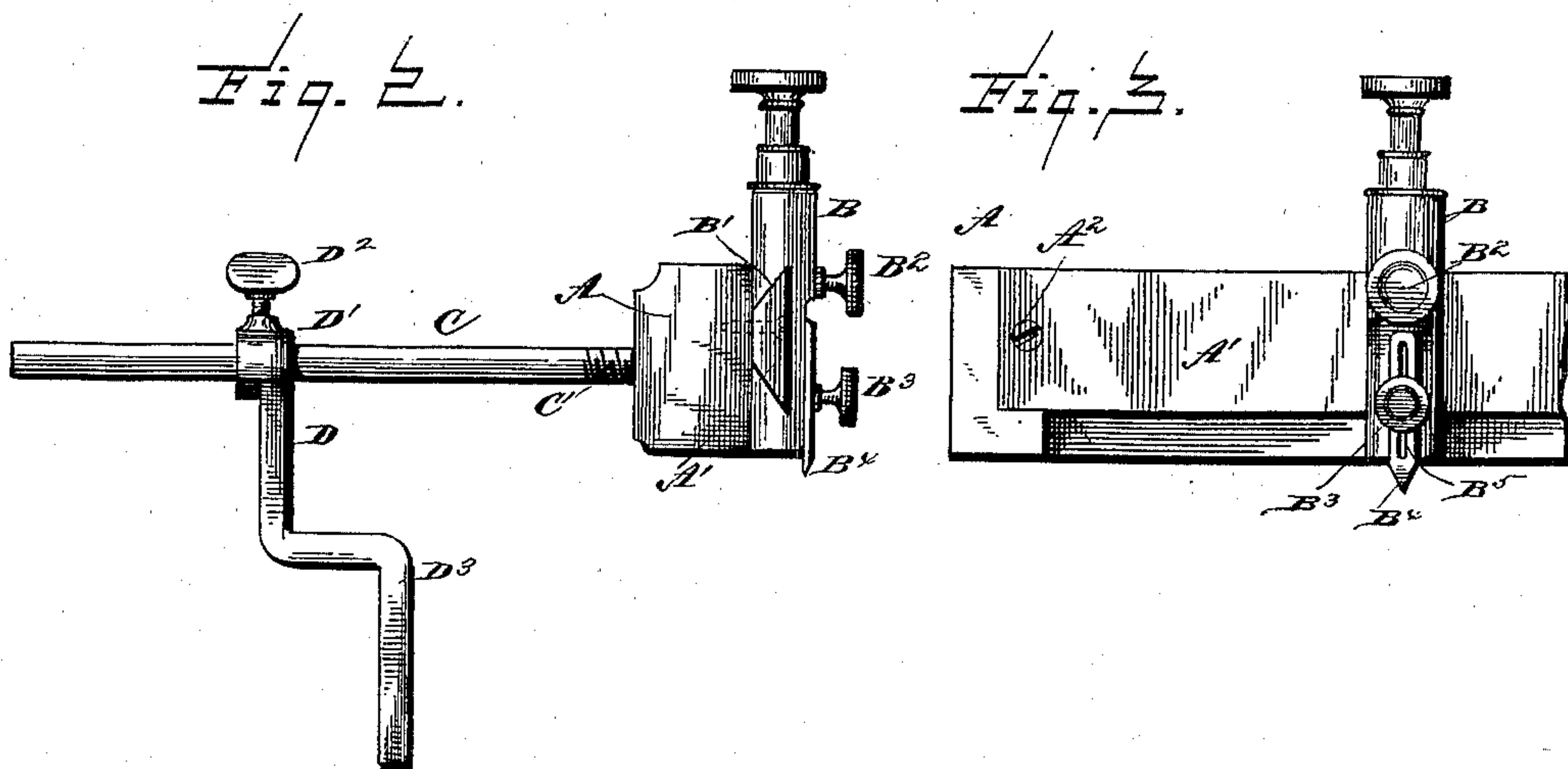
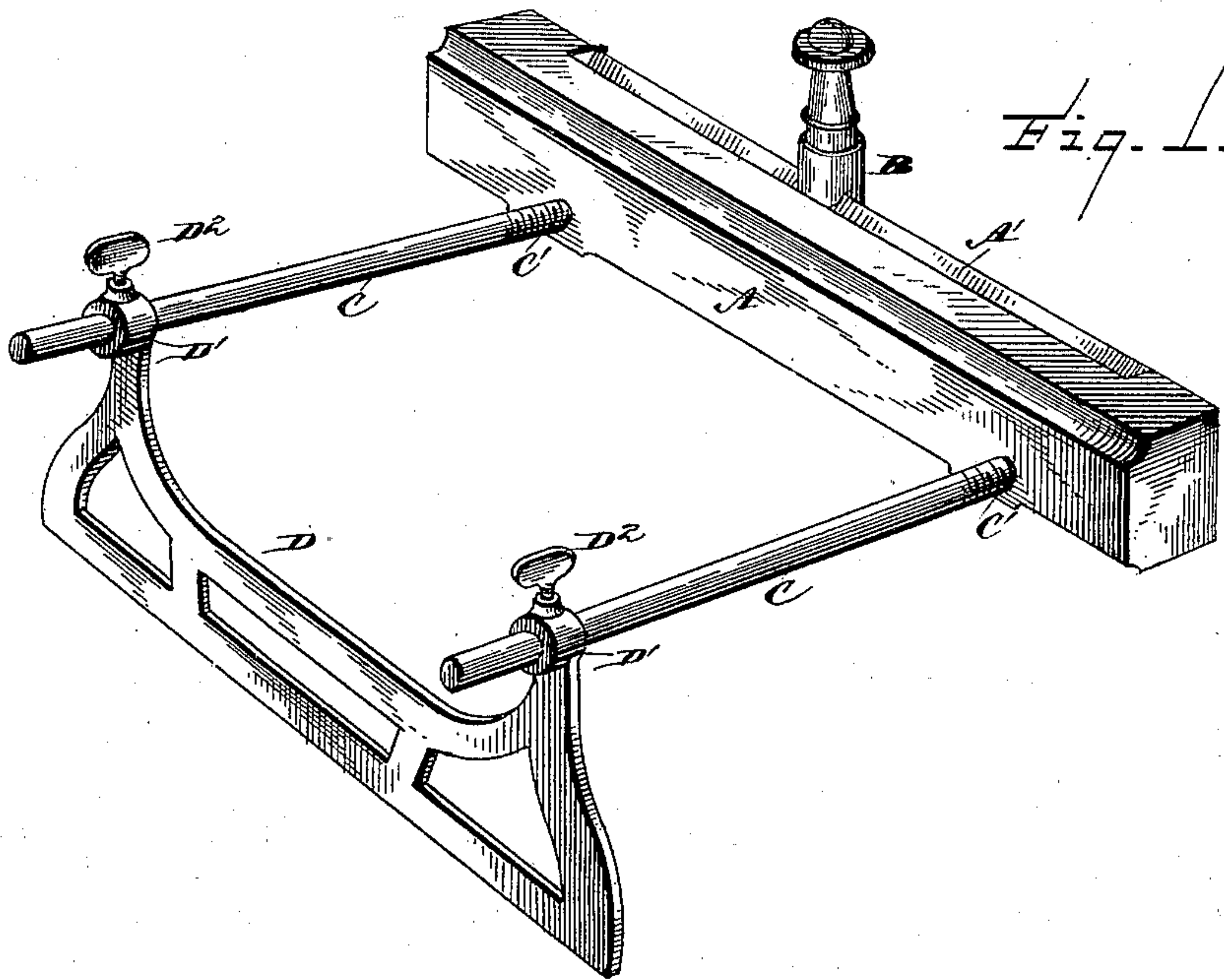
(No Model.)

G. H. RUSSELL.

GAGE.

No. 368,854.

Patented Aug. 23, 1887.



Witnesses:

*L. C. Hills,*  
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# UNITED STATES PATENT OFFICE.

GEORGE H. RUSSELL, OF LENOX, MASSACHUSETTS.

## GAGE.

SPECIFICATION forming part of Letters Patent No. 368,854, dated August 23, 1887.

Application filed April 4, 1887. Serial No. 233,556. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE H. RUSSELL, a citizen of the United States, residing at Lenox, in the county of Berkshire, State of Massachusetts, have invented certain new and useful Improvements in Gages, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to joiners' gages, and among the objects of the invention are the provision of a gage that will facilitate the fitting of butts to door-jambs where the castings are provided with moldings, where the door-stops are on the jambs, or where the wood-work is rabbeted, the knife or marker of the gage working up to the rabbet or stop.

Other objects and advantages of my invention will hereinafter appear, and the novel features thereof will be particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective view of a gage constructed in accordance with my invention. Fig. 2 is an end elevation of a modification, and Fig. 3 is a partial front elevation of Fig. 1.

Like letters indicate like parts in all the figures.

A represents the marking-bar, on the front of which is secured a dovetailed rib, A', by means of screws A<sup>2</sup>. Mounted and adapted to be adjusted upon the dovetailed rib A' is a marker, B, having a dovetail recess, B', in one side thereof, into which the rib A' is adapted to take, and provided at its front with a set-screw, B<sup>2</sup>, passing through the same and bearing upon the rib A', whereby said marker may be rigidly maintained at any point upon the rib. At the lower end of the marker B is a set-screw, B<sup>3</sup>, which passes through a marking-pin, B<sup>4</sup>, vertically slotted, as at B<sup>5</sup>, and therefore vertically adjustable upon said marker.

Screw-threaded, as at C', or otherwise secured in the rear face of the bar A and extending rearwardly therefrom, are parallel rods C, upon which are mounted a gage-plate, D, provided with bearings D' at each end, having set-screws D<sup>2</sup>, adapted to bear upon the rods C, passing through said bearings, whereby said gage-plate may be adjusted upon the rods to and from the bar A.

For the purpose of permitting a close adjustment of the plate D with relation to the pin B<sup>4</sup>, I have bent the plate D as at D<sup>3</sup>. (See Fig. 2.) By reason of this bend and the adjustability of the marker the gage is especially adapted to be used in working around moldings, &c.

Having described my invention, what I claim is—

1. In a gage, a marking-bar having a dovetailed rib, in combination with a marker having a similar recess and mounted on the rib, an adjusting-screw passing through the marker, and a marking-pin adjustably mounted in the marker, substantially as specified.

2. The combination of the bar A, having the dovetailed rib A', with the marker B, having the set-screw B<sup>2</sup>, the slotted pin B<sup>4</sup>, and screw B<sup>3</sup>, substantially as specified.

3. The combination of the bar A, rib A', and marker B, having the screw B<sup>2</sup>, pin B<sup>4</sup>, and screw B<sup>3</sup>, with the rods C, plate D, having bearings D', and set-screws D<sup>2</sup>, substantially as specified.

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

GEORGE H. RUSSELL.

Witnesses:

GEO. A. PREDIGER,

WALTER F. HAWKINS.