

(No Model.)

A. J. BURGER.
CARPENTER'S GAGE.

No. 308,746.

Patented Dec. 2, 1884.

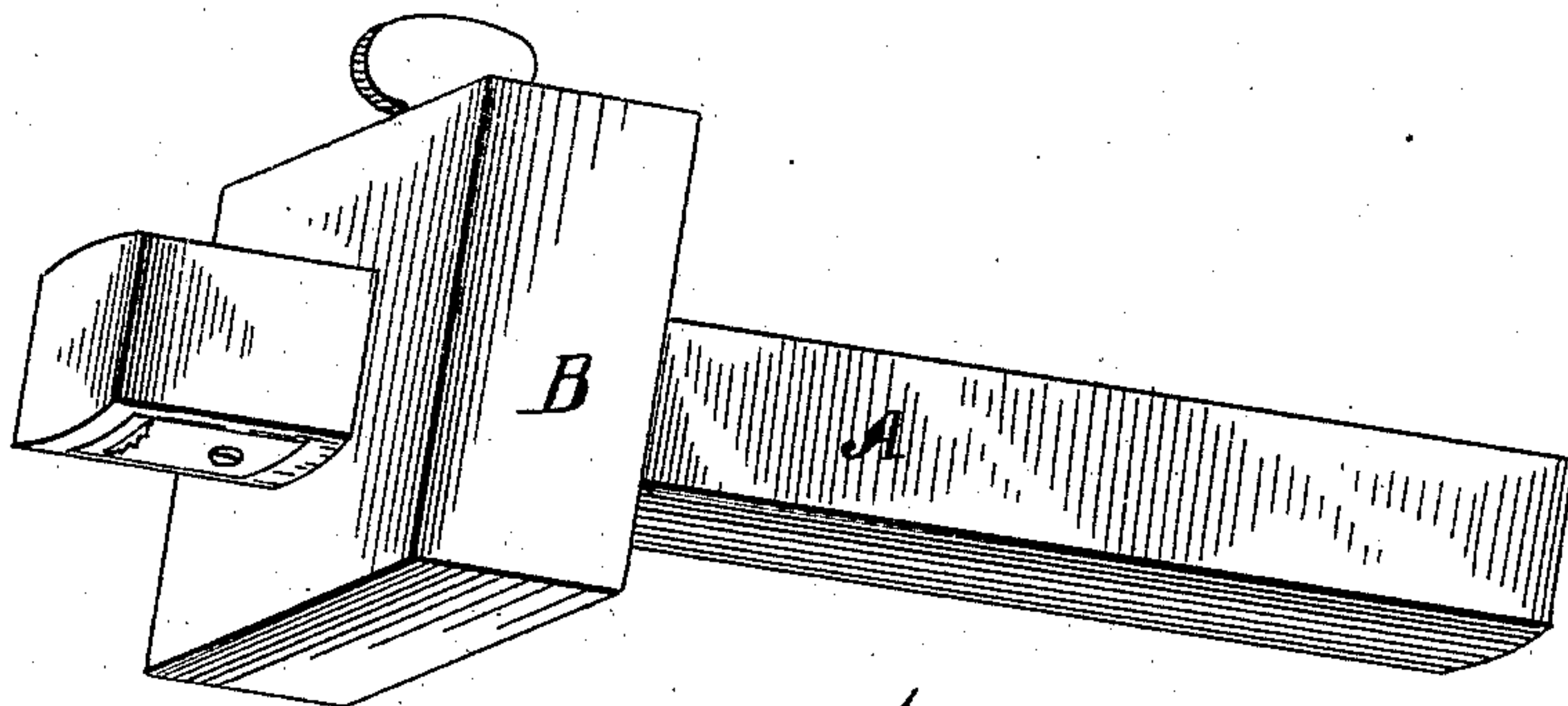


Fig. 1.

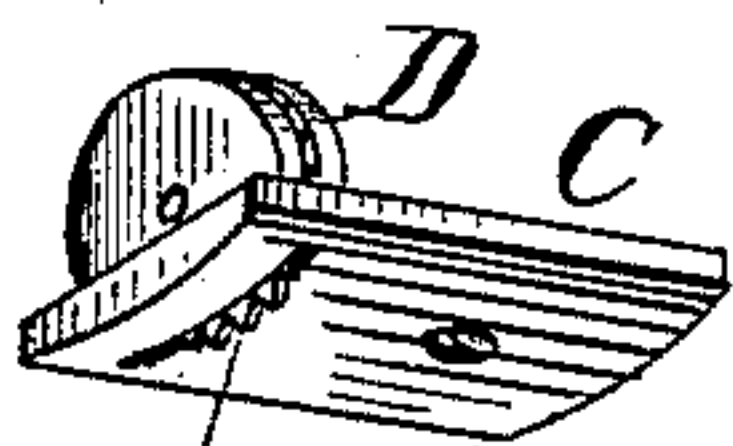


Fig. 2.

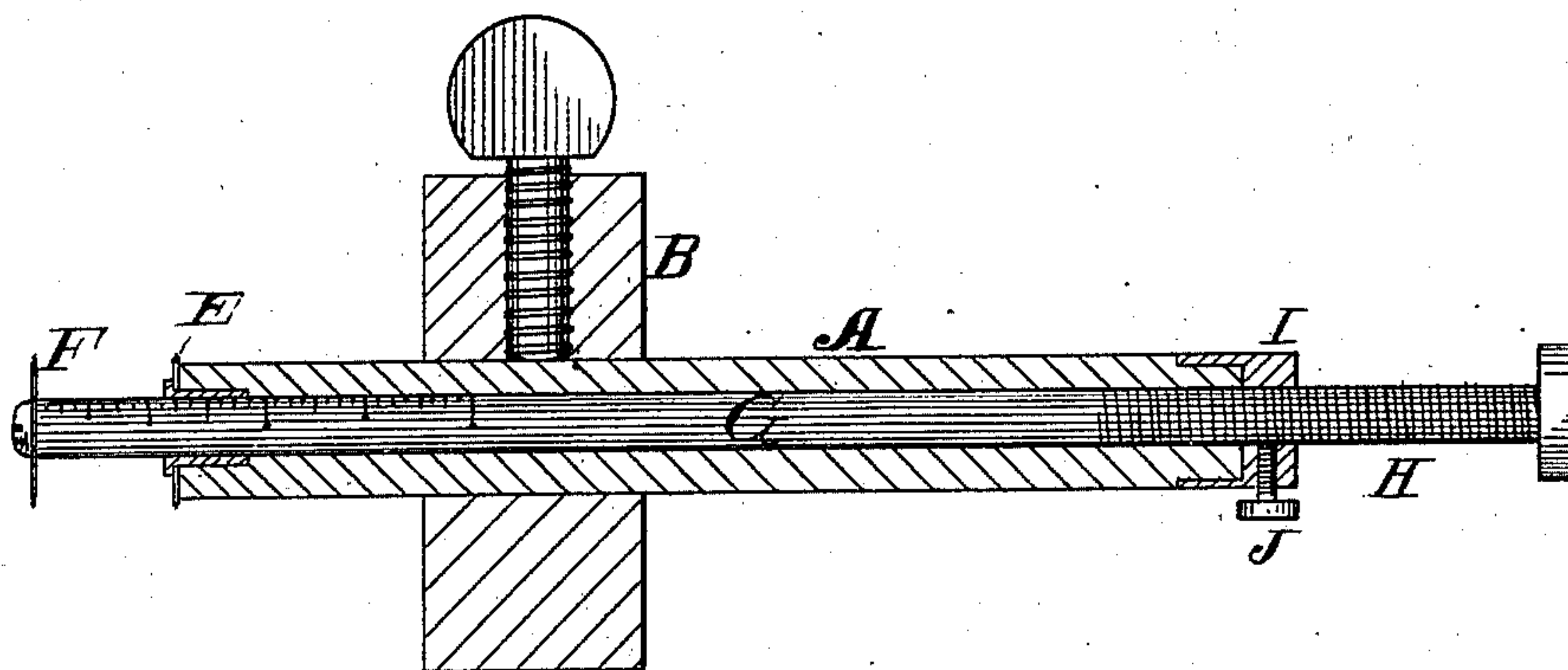


Fig. 3.

WITNESSES:

Robert Kirk
R. D. Zerk

INVENTOR :

A. J. Burger
By *R. D. Zerk*
Attorney.

UNITED STATES PATENT OFFICE.

AUGUSTUS J. BURGER, OF NEW LONDON, WISCONSIN.

CARPENTER'S GAGE.

SPECIFICATION forming part of Letters Patent No. 308,746, dated December 2, 1884.

Application filed July 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, AUGUSTUS J. BURGER, of New London, in the county of Waupaca and State of Wisconsin, have invented a new and useful Improvement in Carpenters' Gages, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a perspective elevation of a carpenter's gage equipped with my improved rotating scribing-wheel. Fig. 2 is a perspective view of the scribing-wheel detached from the stock; and Fig. 3 is a longitudinal section of a complete gage having two rotatable scribing-wheels.

My invention relates to carpenters' gages; and it consists in certain novel improvements in such devices, which will be fully understood from the following description, when taken in connection with the annexed drawings.

In the accompanying drawings A represents the stock of the gage, and B the head or fence. One end of the stock is provided with a keeper, C, having two transverse ears, D, between which is pivoted a wheel, E, having a serrated edge.

In Fig. 3 is shown two scribing-wheels, the stationary wheel E on the end of the stock A, and the movable wheel F on the end of an endwise-adjustable bar, G. This bar has its opposite end screw-threaded, as shown at H, so that it engages with a nut, I, on the end of

the stock A. The nut I has on one side a set-screw, J, to hold the bar in any desired position. The end of the bar G is provided with a suitable head whereby the bar may be turned.

The end of the bar carrying the wheel F may be properly graded by notches or otherwise, so as to enable the user to set the device without the use of a rule or measure.

It is obvious that the employment of a wheel having a serrated edge, as shown, will prevent the wheel from following the grain of the wood when the gage is used, as is the case with the gage having a rigid point.

I am aware that serrated wheels have been used for this purpose, and I therefore disclaim the use, broadly, of such a wheel.

Having described my invention, what I claim as new is—

The combination, with the adjustable head and hollow stock of a gage, of the wheel E on one end of the stock, the nut and its set-screw on the opposite end of the stock, the endwise-adjustable bar G, tapped through said nut, provided with a wheel, F, on one end and a handle on the opposite end, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand, this 1st day of July, 1884, in the presence of witnesses.

AUGUSTUS J. BURGER.

Witnesses:

J. S. ZERBE,

WALTER ALCOKE.