

2 Sheets—Sheet 1.

C. H. B. HUTCHINSON.
CARPENTERS' GAGE.

No. 181,345.

Patented Aug. 22, 1876.

Fig. 1.

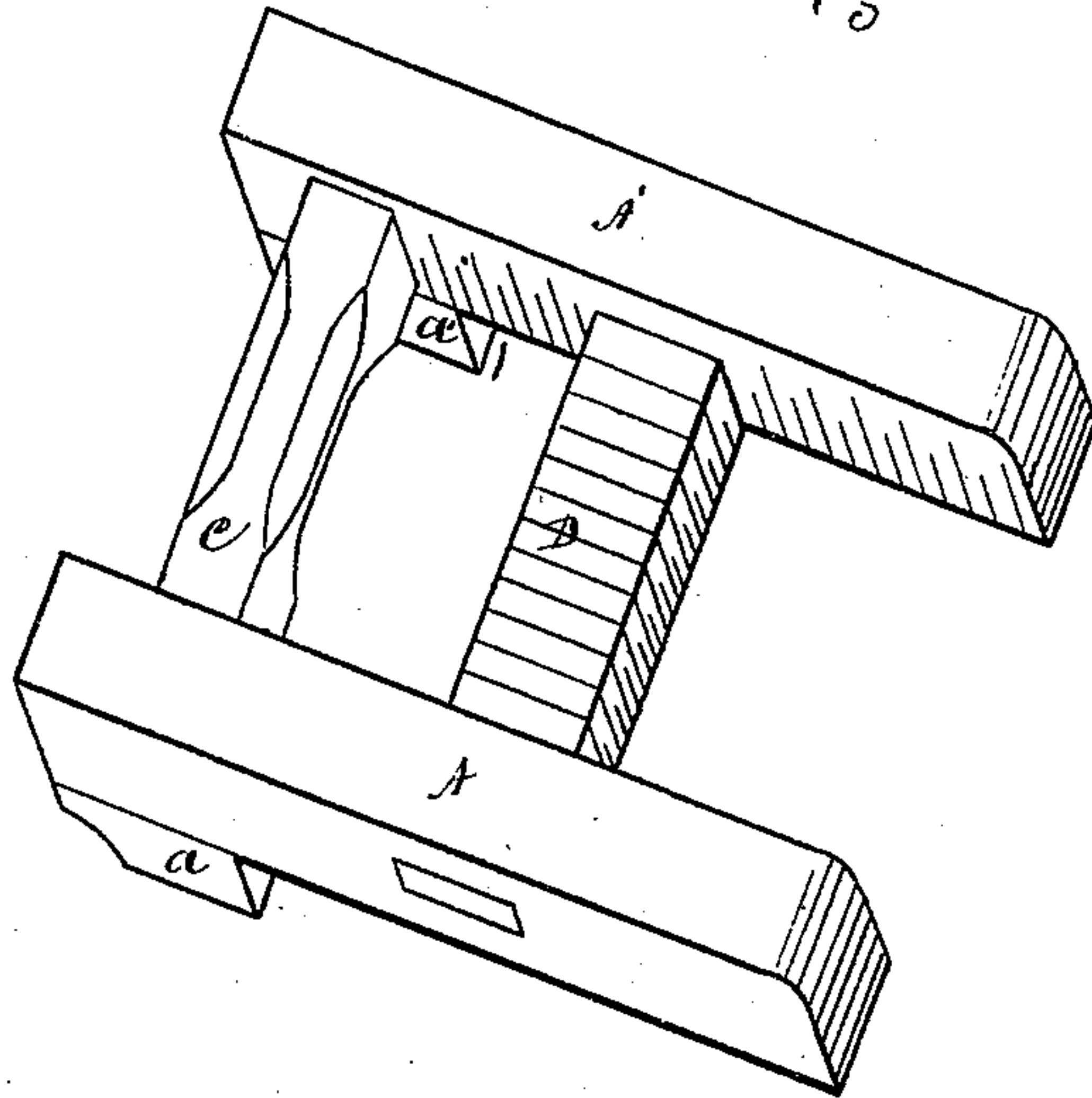
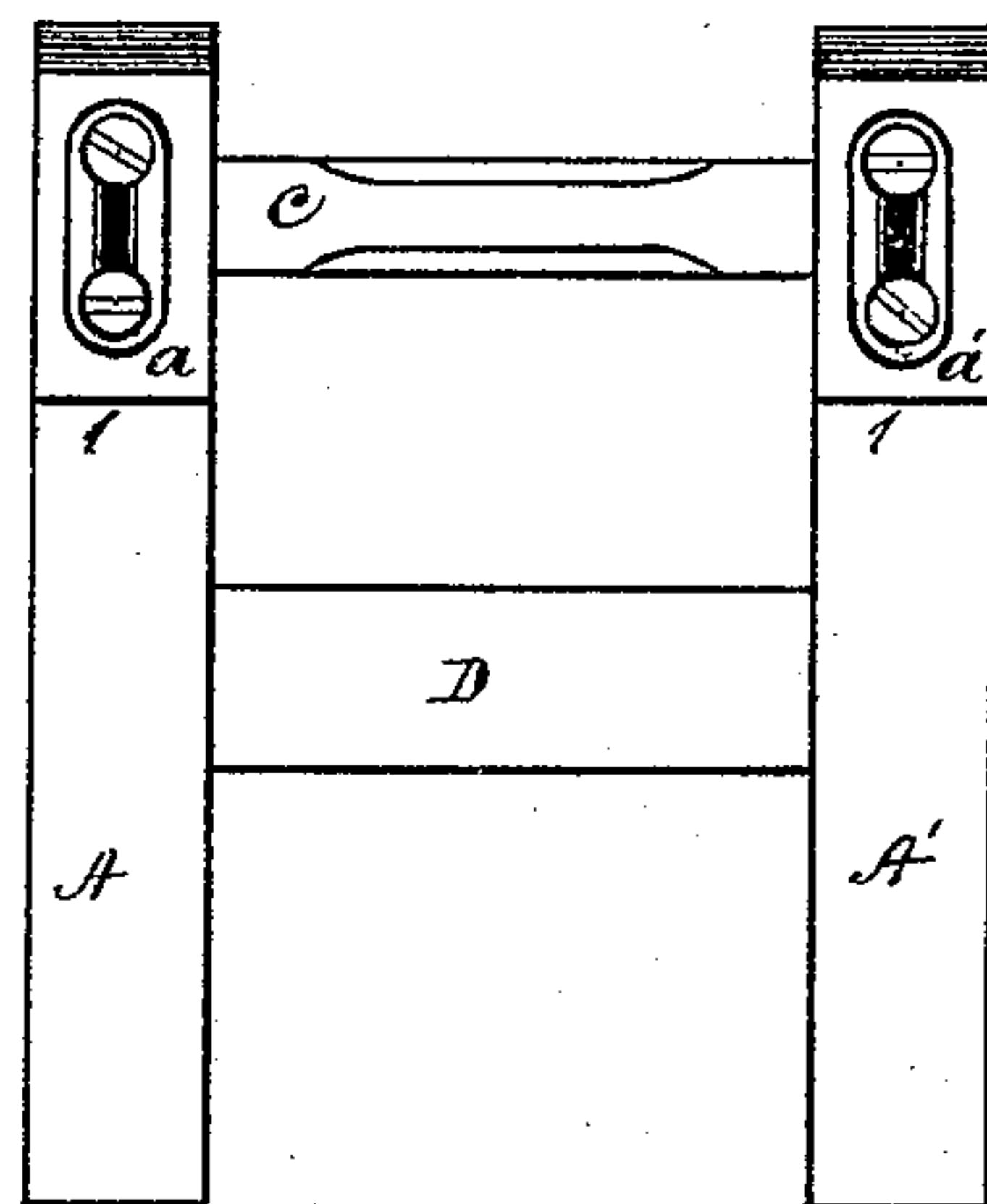


Fig. 2.



WITNESSES.

David B. Weems.

R. K. Evans.

INVENTOR.

Charles H. B. Hutchinson

per Atty.

A. H. Evans & Co.

Washington

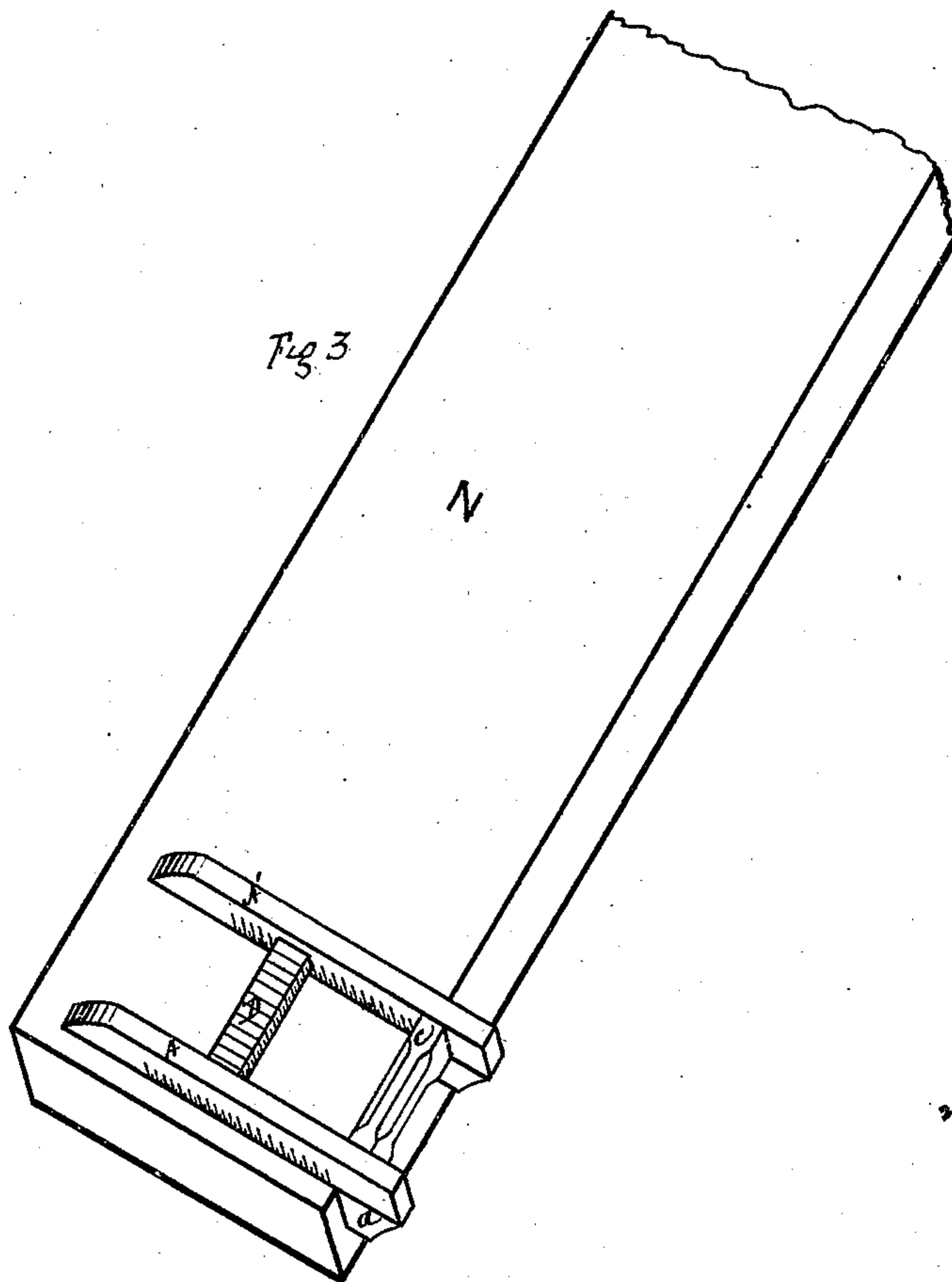
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2 Sheets—Sheet 2.

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Washington D.C.

UNITED STATES PATENT OFFICE.

CHARLES H. B. HUTCHINSON, OF MENOMONEE, WISCONSIN.

IMPROVEMENT IN CARPENTERS' GAGES.

Specification forming part of Letters Patent No. 181,345, dated August 22, 1876; application filed April 11, 1876.

To all whom it may concern:

Be it known that I, CHARLES H. B. HUTCHINSON, of Menomonee, in the county of Dunn and State of Wisconsin, have invented a new and Improved Tool for Carpenters; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my improved instrument. Fig. 2 is a plan of the under side of the same. Fig. 3 shows my tool applied practically.

The object of my invention is to provide a tool for facilitating the laying out of sills and plates; and it consists of two arms having a stated measurement, and fastened by cross-pieces, one of which has a fixed measurement, as hereinafter more fully described and claimed.

In order that those skilled in the art may make and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A A' represent two blocks, connected by the cross-bars c D, the latter one being provided with a scale, as shown in Fig. 1. The other bar serves as a handle for the tool. The blocks A A' are also provided with scales on their outside and in-

side surfaces, for purposes hereinafter explained. On the under sides, and at the rear ends of the blocks A A', I secure two adjustable projections, a a', which form the shoulders 1. These projections are rendered adjustable, by means whereof any desired distance may be obtained on the scale in front of the shoulders, thus adding to the convenience and graduation of the scale itself. The shoulders 1 are designed to rest against the edge of the lumber to be laid off, and thus secure a steady and certain operation of the tool in laying off mortises.

Fig. 3 shows the tool applied practically, and its mode of operation and its advantages will be apparent to any one skilled in the art to which the tool appertains. I find it works much more advantageously than the ordinary square, both as regards time and accuracy.

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

The blocks A and A', provided with the adjustable stops a a', in combination with the cross-bars D, having a scale on it, and the handle c, substantially as set forth.

CHARLES H. B. HUTCHINSON.

Witnesses:

HENRY STEDMAN,

JOHN H. EUBANK.