

(No Model.)

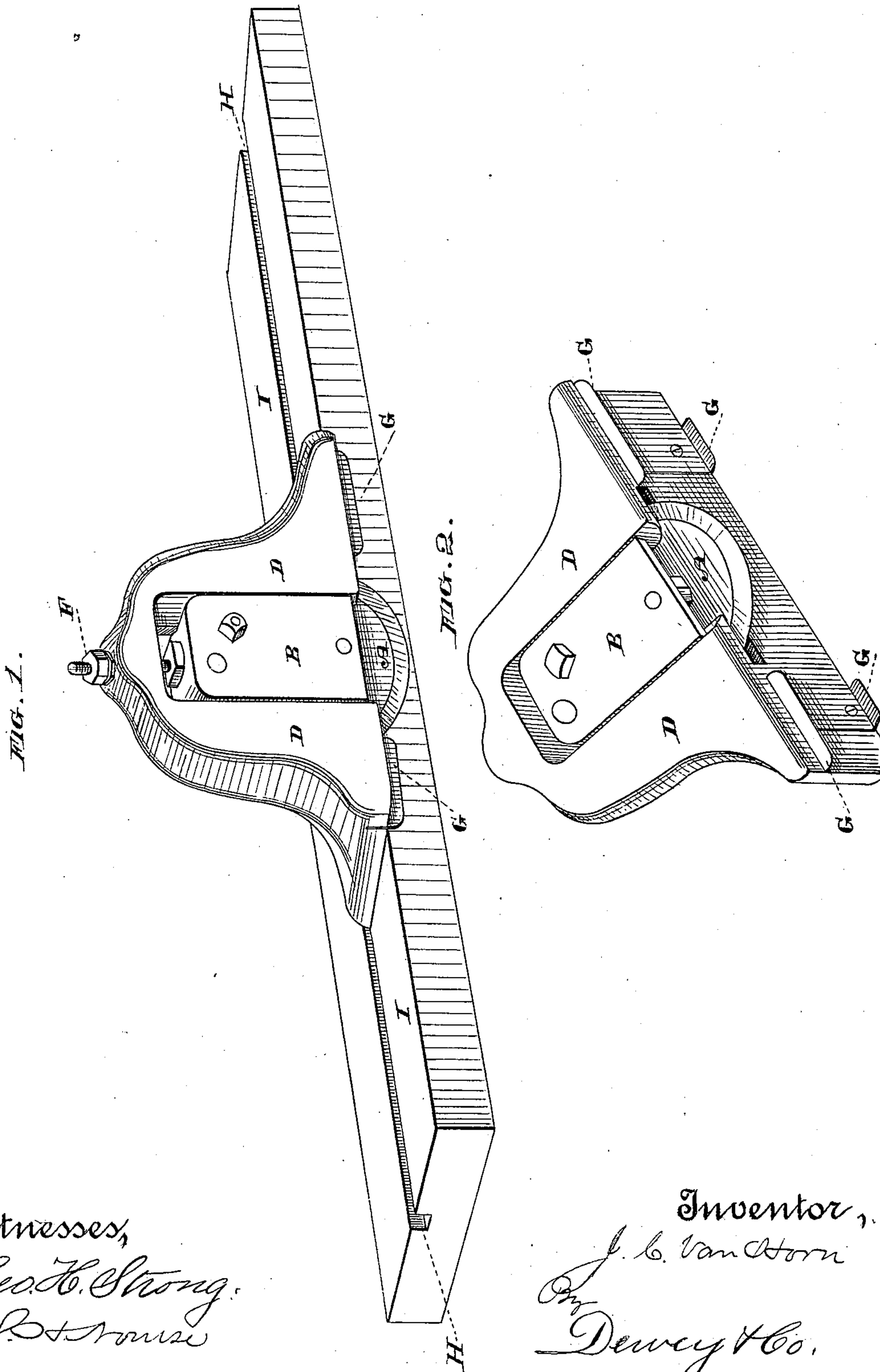
2 Sheets—Sheet 1.

J. C. VAN HORN.

WALL PAPER CUTTING MACHINE.

No. 312,043.

Patented Feb. 10, 1885.



Witnesses,
Geo. H. Strong,
J. S. House

Inventor,
J. C. Van Horn
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(No Model.)

2 Sheets—Sheet 2.

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FIG. 4.

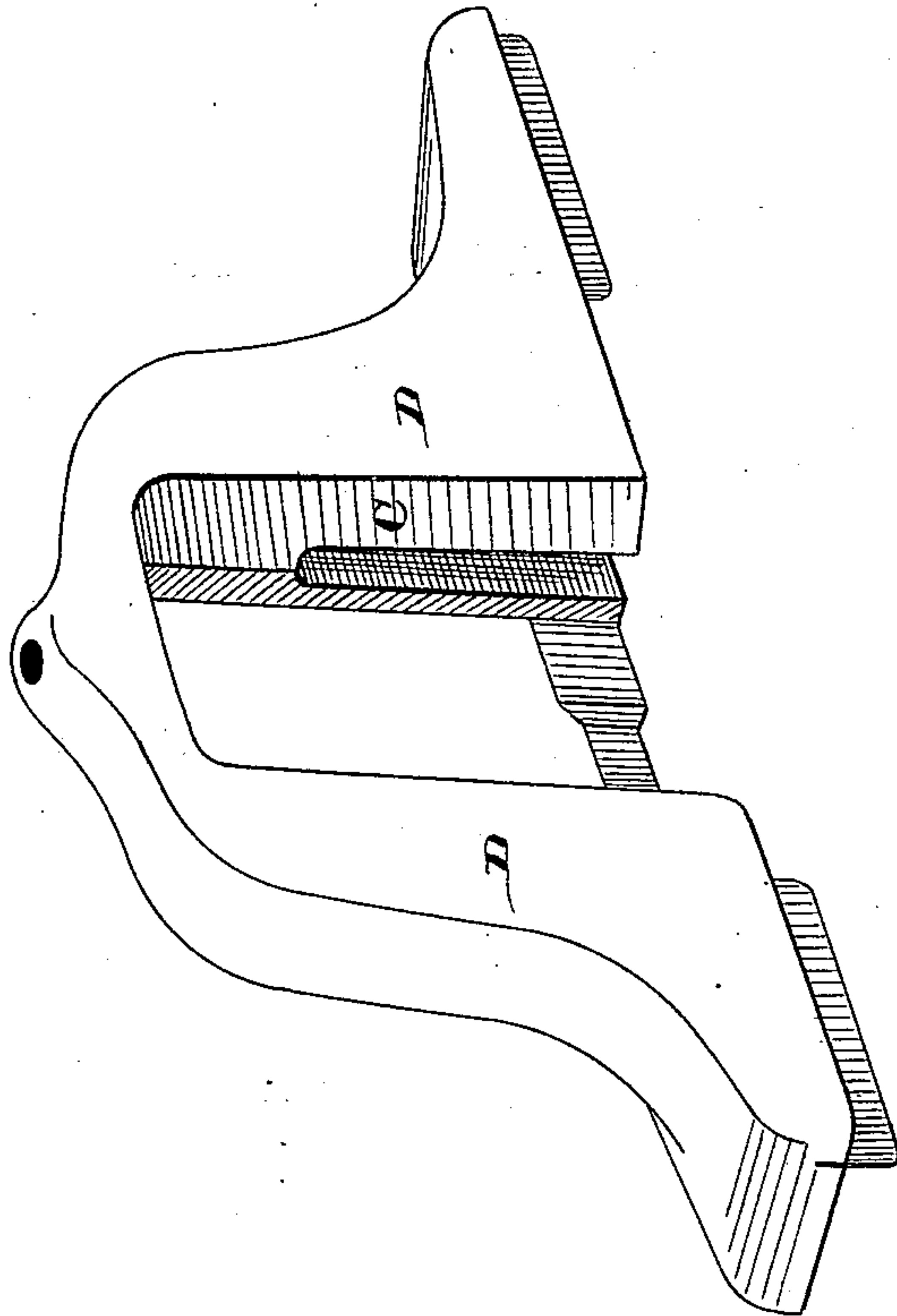
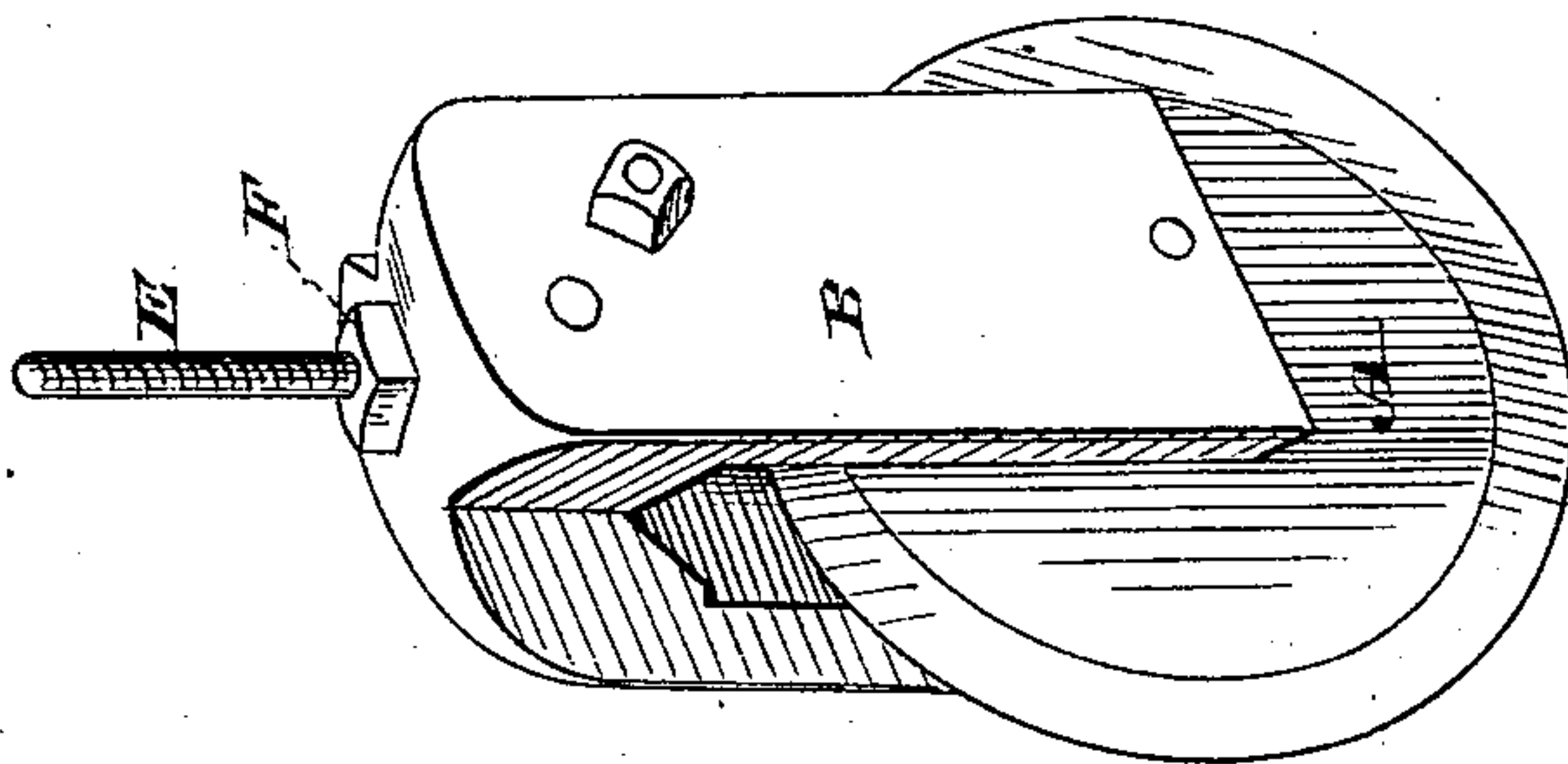


FIG. 3.



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UNITED STATES PATENT OFFICE.

JAMES C. VAN HORN, OF LIVERMORE, CALIFORNIA.

WALL-PAPER-CUTTING MACHINE.

SPECIFICATION forming part of Letters Patent No. 312,043, dated February 10, 1885.

Application filed January 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. VAN HORN, of Livermore, county of Alameda, and State of California, have invented an Improvement in Wall-Paper Trimmers; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to a device for trimming wall-paper after the paste has been applied and the paper is ready to be applied to the wall; and it consists of a circular rotary blade journaled in an adjustable slide which is arranged to run forward or back upon a guide above the edge to be cut or trimmed, and in certain details of construction, all of which will be more fully explained by reference to the accompanying drawings, in which—

Figures 1 and 2 are perspective views of my device. Figs. 3 and 4 show the parts separately.

When the paste has been applied to wall-paper, it is necessary to trim the edges so that they will make a perfect fit, and this has usually been done with a sharp knife and a straight-edge. A knife used in this manner will sometimes follow the grain of the board upon which the cutting is done, and by running out of line will spoil the edge of the paper.

In my device, A is a thin disk of steel sharpened upon the periphery, and having a shaft through its center, which turns in bearings in a block, B, having its edges channeled or grooved, as shown. These edges fit the corresponding guides, C, of the frame D, so that the block B may be moved up or down, and thus raise or lower the cutting-disk. From the top of B a screw-threaded stem, E, extends upward and passes through a hole in the top of D, and it has nuts F, by which it

is adjusted up or down, so as to hold the disk A at any desired point. Upon the bottom of the frame D are two plates or flanges, G, and these fit one against one side and the other in a channel, H, in the straight-edge or guide I.

The operation will then be as follows: The block B, to which the disk A is journaled, is let down and fixed by the nuts F, so that when the frame D is placed upon the guide I the edge of the disk will run just low enough to cut through the paper, which lies upon a board beneath. The flanges G, running along the edge and in the channel of the straight-edge, cause the cutter to run in a perfectly straight line, and prevent its being run out of the line by the grain of the board over which it is passing, thus insuring a perfectly straight cut.

The frame D and the flanges may be made of wood or metal, and the vertically-sliding block B may be made of metal or of wood, or partly of each.

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

A straight-edge or guide provided with a slot, H, and having a frame tongued or flanged to travel upon it, in combination with a block sliding in a vertical channel in said frame, with a threaded stem and nuts for adjusting it up or down, and a circular sharp-edged disk journaled in the adjustable block, substantially as herein described.

In witness whereof I have hereunto set my hand.

JAMES C. VAN HORN.

Witnesses:

EDUARD NEVIN,
M. F. MACK.