

No. 791,793.

PATENTED JUNE 6, 1905.

A. JOHNSON.
WALL PAPER CUTTER.
APPLICATION FILED OCT. 9, 1903.

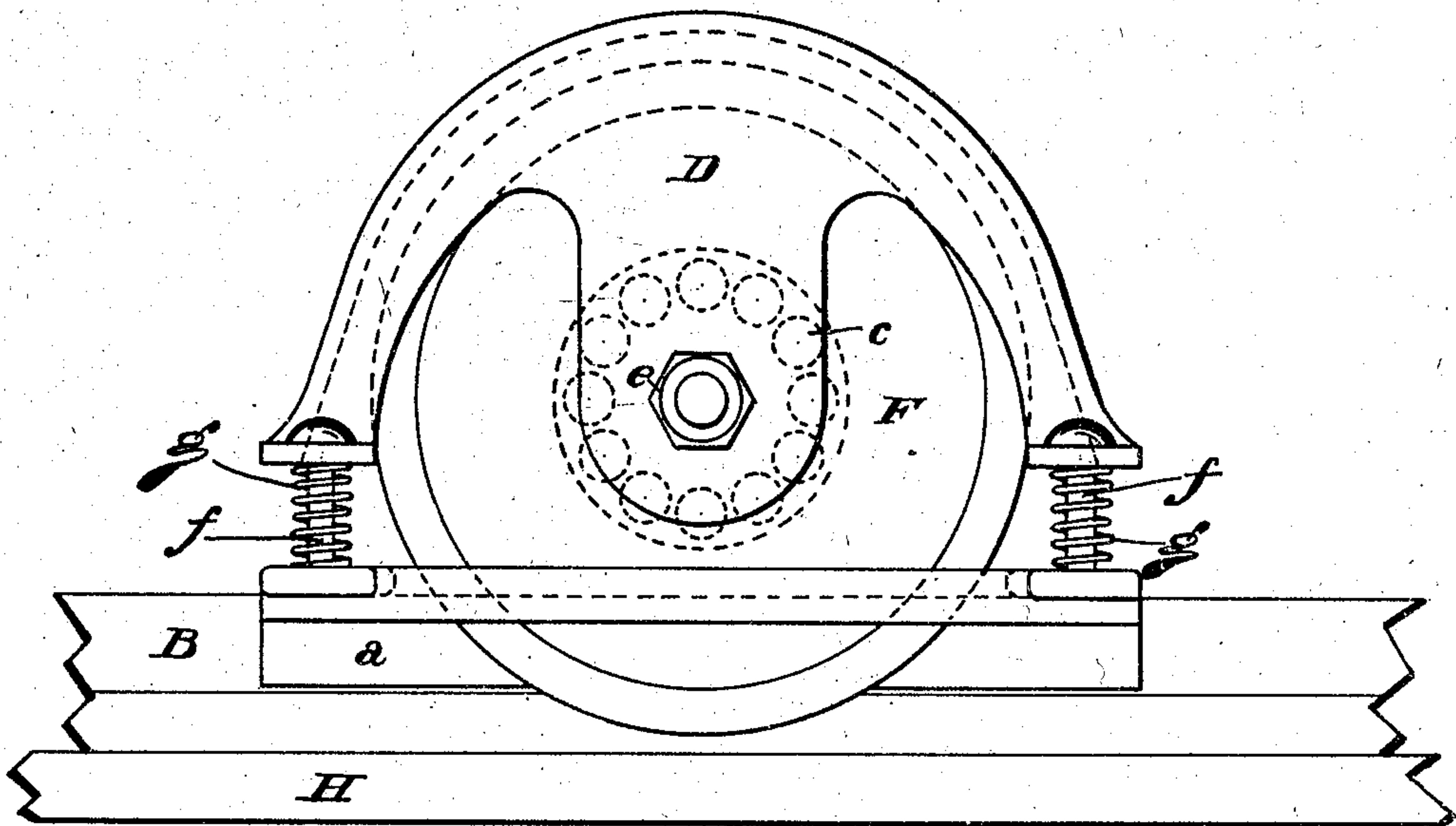


Fig. 1.

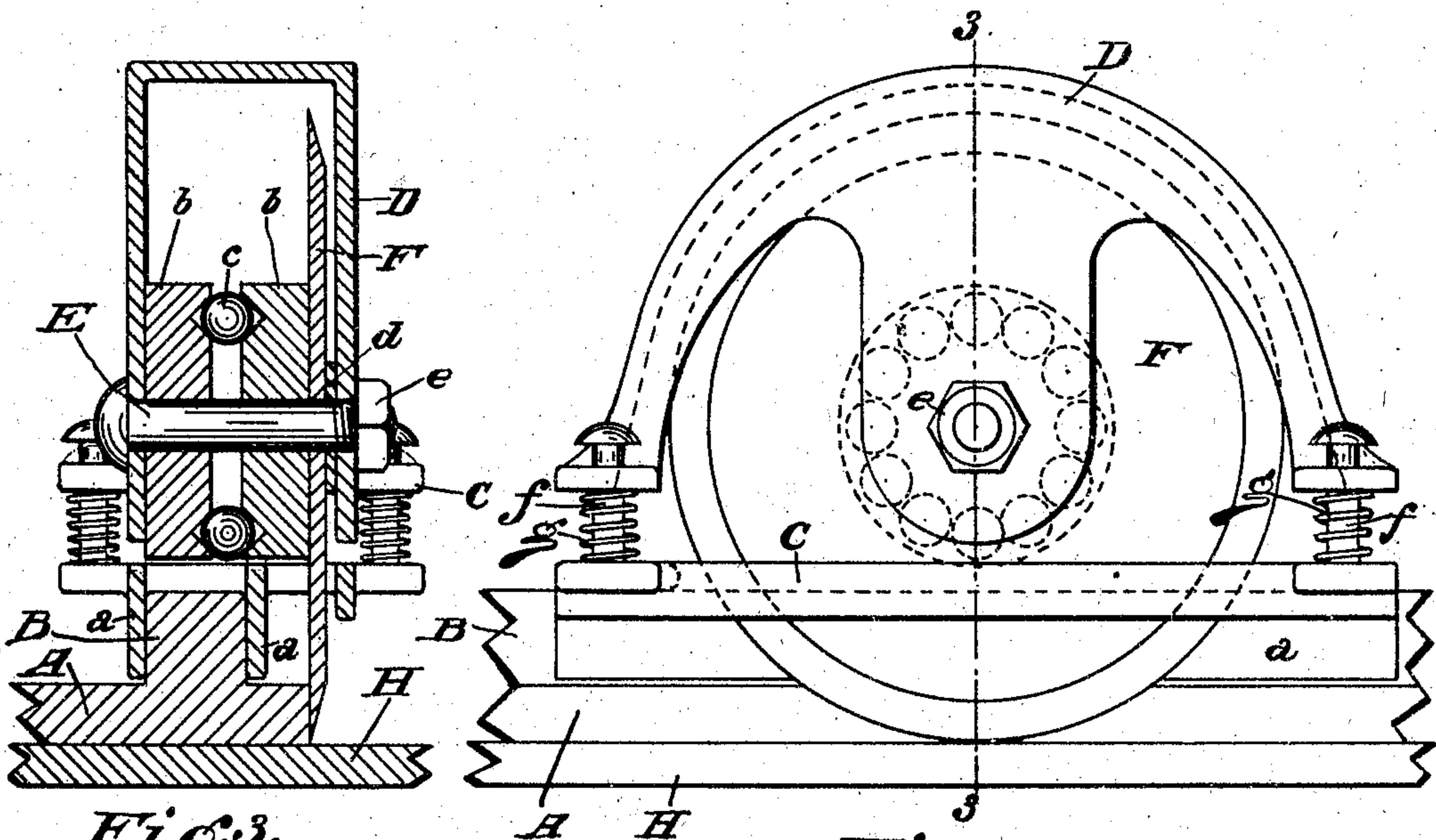


Fig. 3.

Witnesses

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Fig. 2.

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ALBERT JOHNSON, OF CINCINNATI, OHIO.

WALL-PAPER CUTTER.

SPECIFICATION forming part of Letters Patent No. 791,793, dated June 6, 1905.

Application filed October 9, 1903. Serial No. 176,392.

To all whom it may concern:

Be it known that I, ALBERT JOHNSON, a citizen of the United States, residing in Cincinnati, county of Hamilton, and State of Ohio, have invented certain new and useful Improvements in Wall-Paper Cutters, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention consists of a certain novel construction and arrangement of parts to be hereinafter particularly pointed out and claimed, whereby a revolving circular knife may be used as the cutter in connection with a straight-edge or ruler for indicating and fixing the proper line on the paper to be cut.

In the drawings, Figure 1 is a side elevation of my improved cutter ready for use, showing a portion only of the ruler. Fig. 2 is a similar side elevation, showing the position of the wheel in use. Fig. 3 is a central cross-section on the lines 3 3 of Fig. 2.

A is a ruler or straight-edge of any desired length and thickness for ruling the necessary lines on the paper to be cut. This ruler carries a tongue B, running parallel to and a short distance from the cutting edge of the ruler.

C is a carriage provided with flanges *aa* to embrace the sides of the tongue B on the ruler.

D is a casing within which is mounted on the spindle E a circular cutting-knife F. This cutting-knife is provided with ball-bearing boxes *b b*, within which are mounted the balls *c c* to form a ball-bearing journal for the knife.

d is a washer to keep the cutting-knife at proper distance from the side of the casing, and *e* is a nut for holding the spindle and the cutting-knife in the casing. By removing the nut and spindle or bolt the cutting-knife can be easily removed for sharpening. This cas-

ing D is mounted on the carriage C by the pins *f f* at the four corners of the carriage, which pins pass through openings loosely in ears on the casing.

g g are spiral springs surrounding the pins *f f* and bearing between the carriage and the ears on the casing, so as normally to maintain the casing with the cutting-knife a short distance above the surface of the cutting-table H.

When the straight-edge has been placed in the proper position on the paper to be cut, the operator bears down on the casing, at the same time pushing the cutter forward, which rotates the knife and brings its cutting edge on the paper to sever same on the desired line.

The flanges *aa* and the cutting-knife F are constructed such a distance apart that when the flanges embrace the tongue B on the ruler the cutting edge of the knife will closely hug the edge of the ruler.

The cutting-knife when not in use is normally held above the surface of the table in order that the ruler may be readily moved into any desired position without removing the cutter from its place on the ruler.

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

In a wall-paper cutter, the combination, with a ruler having a guiding-flange, of a carriage riding on said flange, a revolving circular cutting-blade, a casing in which said knife is journaled, pins on the corners of said carriage, with perforations on the casing through which the pins loosely pass, and coiled springs on the pins bearing between the casing and the carriage, whereby the cutting-knife is raised from the paper to be cut until depressed by the operator, substantially as described.

ALBERT JOHNSON.

Witnesses:

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