

C. P. CHRESTENSEN.
PAPER CUTTER.
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1,014,567.

Patented Jan. 9, 1912.

Fig. 1.

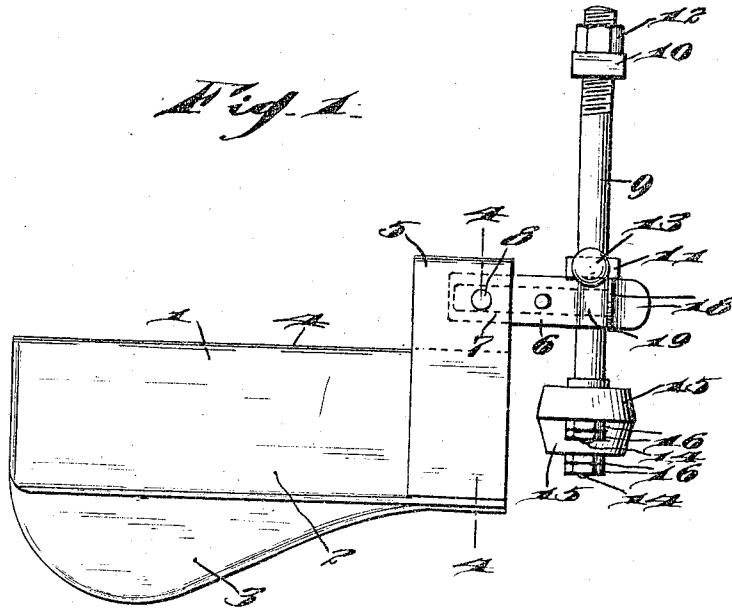


Fig. 2.

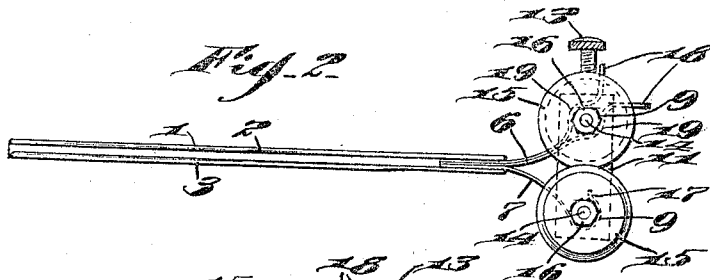


Fig. 3.

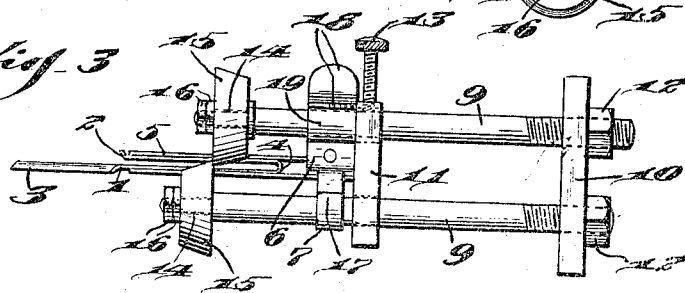


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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PAPER-CUTTER.

1,014,567.

Specification of Letters Patent.

Patented Jan. 9, 1912.

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To all whom it may concern:

Be it known that I, CHRISTIAN P. CHRESTENSEN, a subject of the King of Great Britain, residing at Philadelphia, in the
5 county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Paper-Cutters, of which the following is a specification.

My invention relates to improvements in
10 paper cutters, and more particularly to a device of this character designed for trimming the edges of wall paper and the like, the object of the invention being to provide a simple inexpensive hand operative device
15 of this character which will accurately cut a strip the desired width from the edge of the paper, and which may be quickly and easily operated so as to save time and more accurately trim the paper than has been
20 done heretofore.

With these and other objects in view, the invention consists in certain novel features of construction, and combinations and arrangements of parts, as will be more fully
25 hereinafter described and pointed out in the claims.

In the accompanying drawings: Figure 1, is a plan view illustrating my improvements. Fig. 2, is a view in elevation at
30 right angles to Fig. 1. Fig. 3, is an end elevation, and Fig. 4, is a view in section on the line 4—4 of Fig. 1.

1, represents a paper guide which is composed of sheet metal bent upon a longitudinal line so as to provide two leaves 2
35 and 3 to receive the paper between them on fold line 4, constituting a straight edge so as to guide the cutter. It will be noted that one of the leaves 3 projects outward
40 beyond the other leaf 2, and this structure renders it easy to insert the paper between the leaves.

5 is a sheet metal strip bent between its ends, and at its ends overlapping the guide
45 2, and soldered or otherwise secured to the latter. This strip 5 provides a laterally projecting member on the guide, between the sections of which springs 6 and 7 are secured by a rivet 8, for a purpose which
50 will hereinafter appear.

9, 9, represent parallel rods which are held in parallelism by means of bars 10, and 11, the former having a fixed relation to the rods and secured by nuts 12, and the
55 latter adjustable on the rods and secured

at any adjustment by means of a thumb screw 13. The free ends of the rods 9 are reduced in diameter forming journals 14, on which cutting rolls 15 are mounted and held by means of nuts 16 screwed onto the
60 threaded ends of the journals. These cutting rolls 15 are beveled, and one of the rods 9 is longer than the other so as to permit the cutting face of one roll to overlap the cutting face of the other, so that the
65 rolls serve to cut as will be hereinafter explained.

The upper guide 2 is removably connected to the rods 9 by means of the springs 6 and 7 above referred to. The spring 7 is
70 bent downwardly, and is provided with a hooked end 17 to engage under the lower rod 9, while the spring 6 is composed of two members 18, 18, which are straddled apart at their free ends and bowed outward at a point
75 removed from their free ends, as illustrated at 19, the outwardly straddled portions 18 constituting an entrance for the upper rod 9, and the bowed out portions 19 a clamp, to clamp the rod. By means of these
80 springs, the paper guide may be readily attached to or detached from the rods, and it may be moved along the rods as far as permitted by the bar 11, which latter regulates the width of the strip cut from the paper.
85

In operation, the paper to be cut is inserted in the guide 1, and the latter moved along the paper, or the paper through the guide, and between the cutting rolls 15, which latter smoothly cut the strip from
90 the paper.

Various slight changes might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not limit myself
95 to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claims.
100

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

1. A device of the character described, comprising a paper guide, parallel rods located at right angles to the guide, cutting
105 rolls on said rods, a laterally projecting extension on said guide, a spring hook secured to said extension, and adapted to engage one of said rods, and a double spring also
110

secured to said extension and adapted to clamp the other of said guides, substantially as described.

2. A device of the character described,
5 comprising a paper guide, parallel rods located at right angles to the guide, cutting rolls on said rods, a laterally projecting extension on said guide, a spring hook secured to said extension, and adapted to engage
10 one of said rods, a double spring also secured to said extension and adapted to clamp the other of said guides, a bar adjustable on said rods, a set screw locking

said bar against movement on the rods, and said double spring bearing against said bar 15 whereby the position of the bar regulates the width of the strip cut, substantially as described.

In testimony whereof I have signed my name to this specification in the presence 20 of two subscribing witnesses.

CHRISTIAN PETER CHESTENSEN.

Witnesses:

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