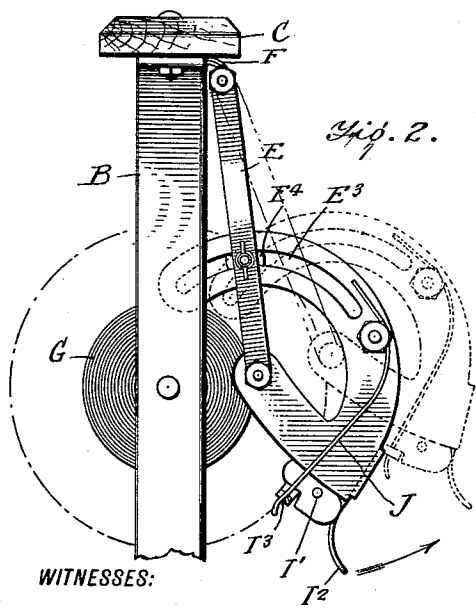
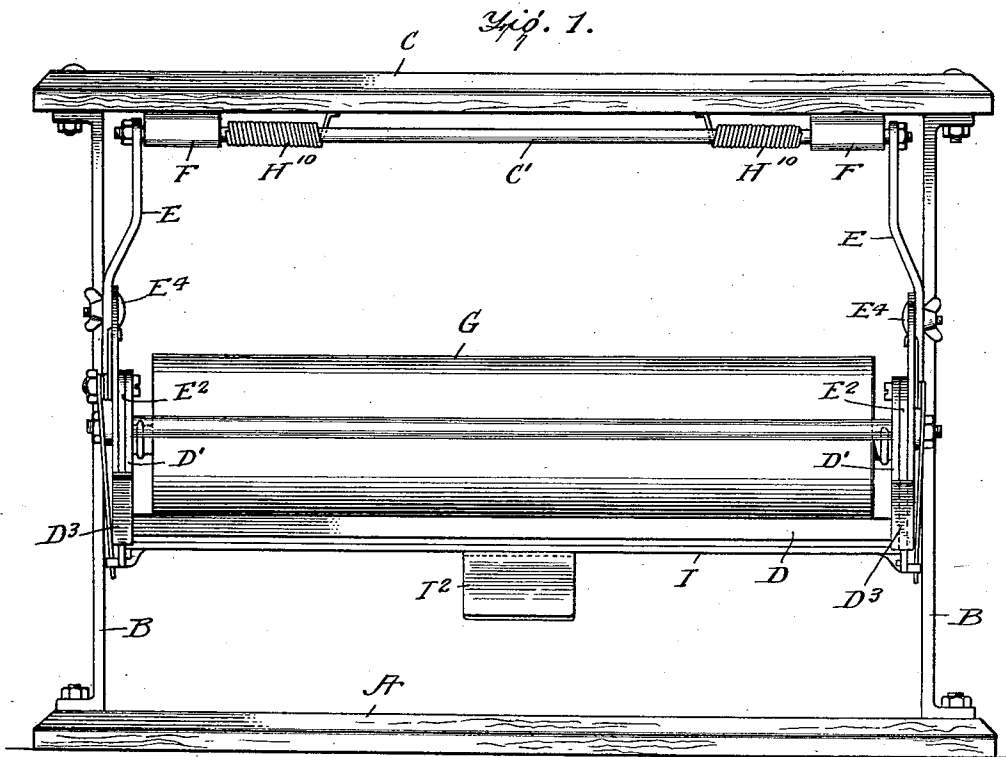


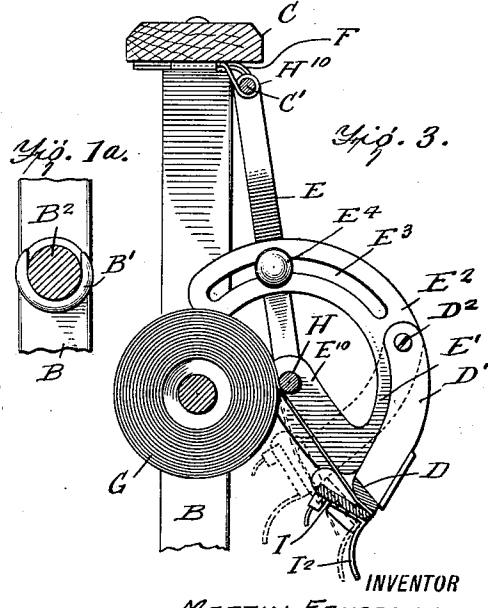
M. FAUSSONE.
PAPER CUTTER.
APPLICATION FILED NOV. 4, 1910.

1,007,549.

Patented Oct. 31, 1911.



L. H. Schmidt.
Perry B. Durpin



INVENTOR
MARTIN FAUSSONE,
BY *Munn & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

MARTIN FAUSSONE, OF OURAY, COLORADO.

PAPER-CUTTER.

1,007,549.

Specification of Letters Patent.

Patented Oct. 31, 1911.

Application filed November 4, 1910. Serial No. 590,762.

To all whom it may concern:

Be it known that I, MARTIN FAUSSONE, a citizen of the United States, and a resident of Ouray, in the county of Ouray and State of Colorado, have invented certain new and useful Improvements in Paper-Cutters, of which the following is a specification.

This invention is an improvement in paper cutters and especially in that class of cutters wherein the paper is supported in the form of a roll and is drawn from the roll as used and is cut off in the desired lengths; and the invention consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing Figure 1 is a front elevation of a cutter embodying my invention. Fig. 1^a is a detail view showing the bearings for the paper carrying shaft. Fig. 2 is an end view thereof, partly broken away. Fig. 3 is a sectional view, partly broken away.

In carrying out the invention, I provide a suitable frame-work including a base A, uprights B and a top bar C and I provide on the uprights B means for supporting the roll of paper, illustrated as small boxes B', shown in Fig. 1^a and open at their upper sides to receive the projecting ends or trunnions B² of the paper supporting shaft, as best shown in Fig. 1^a of the drawing.

The blade D, along which the paper is cut, is supported by a swinging blade carrier D', and the latter is carried by a swinging support E, which latter has at its upper end a shaft or bar C' by which it is pivotally connected at F with the top bar C of the frame, so that the opposite end of the support E may swing in and out relatively to the paper roll G.

Springs H¹⁰ aid the gravity of the support E in pressing the same upon the paper roll, so that the bar H may be given sufficient pressure against the paper roll to secure the desired tension.

The swinging support E is composed of two sections, an upper or inner section which is pivoted at C' in connection with the frame and an outer section E' which is pivoted preferably by means of the pressure bar H to the outer swinging end of the inner section so the outer section E' may be adjusted on the pivot at H to correspond with the size

of the paper roll and to bring the blade D, in the use of the device, in proper position corresponding to the size of the paper roll 55 being operated on.

In pivoting the section E', I provide it with a radial arm E¹⁰ whose inner end is pivoted at H and I also form the section E' with arc-shaped bars E² slotted at E³ for the screws E⁴ by which the section E' may be secured in any desired relation with respect to the inner or upper section of the swinging support as will be understood from Figs. 2 and 3 of the drawing. By this construction, the outer section may be adjusted relatively to the inner section and secured in any desired adjustment. 65

The swinging blade carrier has the arms D' pivoted at D² to the section E' of the swinging support and the blade D is carried at the swinging end of the carrier D' so that the blade may be pushed back along the strip of paper as indicated in dotted lines in Fig. 3, to expose the end of the paper. 75 When so operated, the paper may be grasped by the hand and pulled out and it is preferred to provide means for automatically gripping the paper when the swinging carrier is released after being pushed back to its retracted position indicated in dotted lines in Fig. 3 and to this end, I provide a clamping bar I which coöperates with the blade in automatically gripping the paper so that when the blade is pushed back to 85 the dotted line position shown in Fig. 3, the paper will protrude and can be grasped by the hand and pulled out to the desired extent and the clamp will grip or clamp the paper against the blade in such manner as to secure an effective clean cut in tearing the paper off along the blade. In securing this automatic action, it is preferred to pivot the clamping plate I at I' in connection with the blade carrier and to provide the clamp 95 with a finger or hand hold I² so that the clamping plate may be tilted between the full and dotted line positions shown in Fig. 3 of the drawing so that in pushing the blade carrier back by pressure rearwardly on 100 the finger or thumb plate I², the clamping plate will be moved to release the sheet of paper so the swinging carrier and its blade D and the clamping plate I may be moved

freely back along the sheet of paper. Then when pressure is released on the piece I², the clamping plate I will be automatically re-adjusted to the full line position shown in Fig. 3 to grip the paper, this being accomplished by means of a spring J which not only actuates the clamping plate relatively to the blade but also operates to aid the gravity of the blade carrier to readjust the same from the dotted to the full line position shown in Fig. 3. The spring J is secured to the blade carrier and bears at its free end against a boss I³ on the clamping plate, said boss I³ being notched to receive the spring, as best shown in Fig. 2 of the drawing. The forward movement of the swinging blade carrier is limited by suitable stop means shown as lugs D, D³ projecting inwardly from the section E' of the swinging support across the path of the blade carrier, as shown in the drawing.

In operation the paper roll may be placed in position and the free edge of the paper drawn between the blade and the clamping plate and the section E' of the swinging support be adjusted to the desired position to correspond with the size of the paper roll, when the operation may proceed as before. When the paper has been torn off by drawing the same along the edge of the blade D and it is desired to draw more paper from the roll, the swinging carrier may be pushed to the dotted line position shown in Fig. 3 by pressure against the plate I² and be then released to automatically grip the paper to aid in securing a clean cut in tearing the paper off along the blade.

I claim:

1. A paper cutter comprising a suitable framing having means for supporting a paper roll, a swinging support pivoted at its upper end in connection with the framing, a spring actuating said support, the support being composed of two sections pivotally united and adjustable relatively, means for securing the two sections of the support in any desired relation and including arc-shaped bars in connection with one section and screws cooperating with the said arc-shaped bars in securing the same to the other section, a blade having a carrier pivoted to the adjustable section of the support, means on the support for limiting the outward movement of the carrier, a clamping plate pivoted relatively to the blade and movable with the swinging carrier thereof and also having an independent movement whereby it may be moved relatively to the blade to free the paper in one direction of movement and to automatically grip the paper in the return movement and a spring actuating said clamping plate independently of the blade carrier and also operating through the said clamping plate upon the blade carrier in aiding the readjusting movement of the latter,

all substantially as and for the purpose set forth.

2. In a paper cutter, a swinging support composed of two sections adjustable relatively to each other, a blade and a blade carrier pivoted to one of the said sections and swinging relatively to the support, substantially as set forth.

3. In a paper cutter, the combination of a pivoted support composed of sections adjustably connected and a blade carried by one of said sections and swinging relatively thereto.

4. In a paper cutter, the combination of a pivoted support a blade having a carrier connected with the support and swinging relatively thereto, and a clamping plate movable with and independent of the blade.

5. A paper cutter comprising a swinging support composed of sections adjustably connected, a frame to which one of the sections is pivotally connected a blade carried by the other section, and a clamping plate movable with and independently of the blade.

6. A paper cutter having a blade, a swinging carrier for said blade whereby the latter is movably supported and may be moved back along a sheet of paper and means supported by said swinging carrier and automatically gripping the paper against the blade during the return or readjusting movement of the blade, substantially as set forth.

7. A paper cutter including a blade means movable relatively to the paper being operated on and constructed to automatically clamp or press the paper against the blade and a swinging support for said means, substantially as set forth.

8. A paper cutter, substantially as described, comprising a blade a clamping plate pivoted whereby it may rock relatively to the blade to free a strip of paper in one position and to grip the paper when in its other position and a movable support for said blade and clamping plate, substantially as set forth.

9. In a paper cutter, a gripping mechanism, comprising two bars one of which is rockable relatively to the other so that the paper is released in one position and is automatically gripped in a separate position, and a swinging support carrying said two bars, substantially as set forth.

10. In a paper cutter, a swinging support composed of two sections adjustably connected whereby they may be set to different positions and a cutter carried by one of the sections whereby the position of the cutter may be varied by the adjustment of the sections of the support, substantially as set forth.

11. In a paper cutter, a blade, a support for said blade, the blade being movable

relatively to the support whereby it can be
adjusted along a paper sheet and a clamping
means movable with the blade and also hav-
ing a movement independent of the blade
5 and means operating upon said clamping
means whereby to cause the same to auto-
matically grip a sheet of paper in one of the

positions of the clamping means, substan-
tially as set forth.

MARTIN FAUSSONE.

Witnesses:

JOSEPH PRICEO,
E. T. STROM.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
