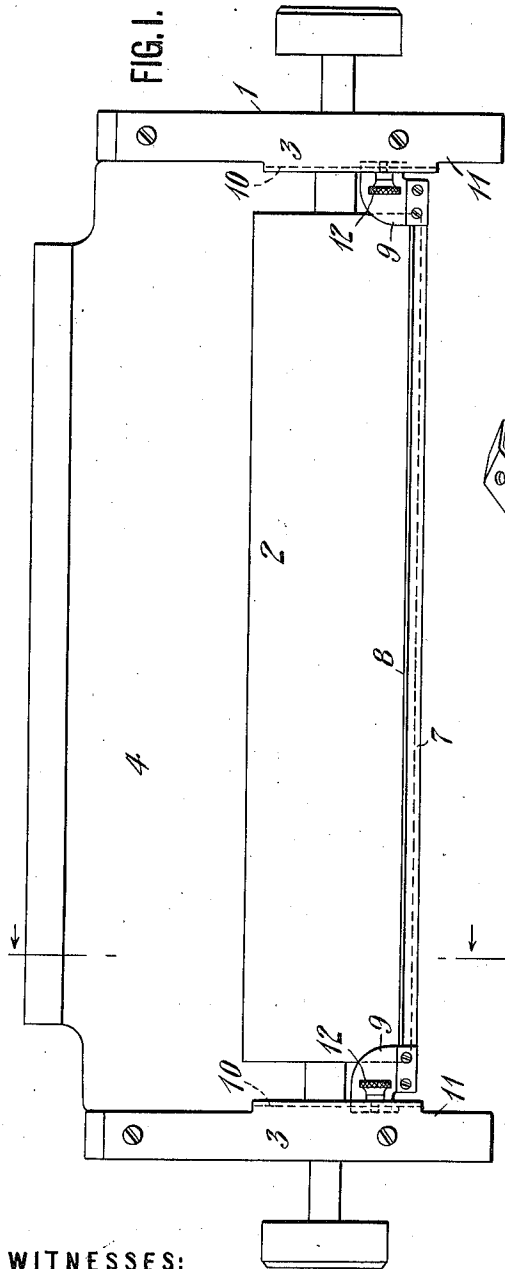


C. B. CORCORAN.
TYPE WRITING MACHINE.
APPLICATION FILED FEB. 5, 1913.

1,062,386.

Patented May 20, 1913.



WITNESSES:

F. E. Alexander
J. A. Brophy

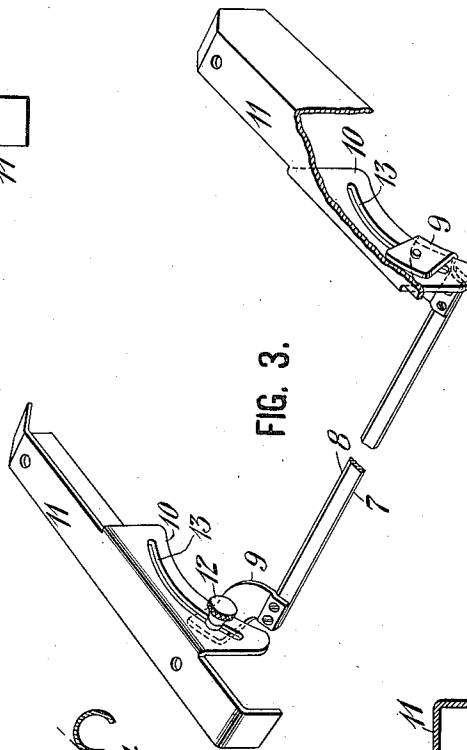


FIG. 3.

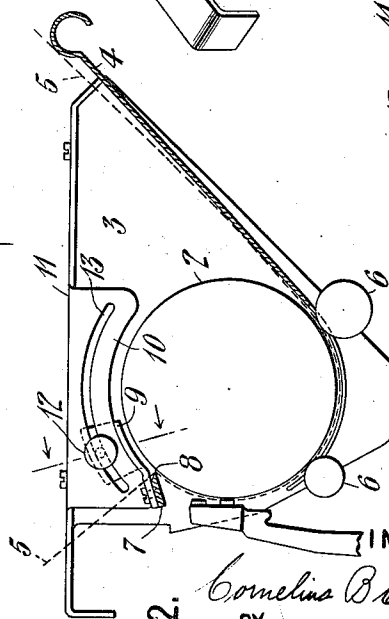


FIG. 2.

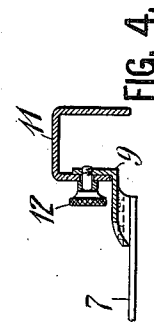


FIG. 4.

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CORNELIUS B. CORCORAN, OF NEW YORK, N. Y., ASSIGNOR TO UNDERWOOD TYPE-WRITER COMPANY, OF NEW YORK, N. Y., A CORPORATION OF DELAWARE.

TYPE-WRITING MACHINE.

1,062,386.

Specification of Letters Patent.

Patented May 20, 1913.

Application filed February 5, 1913. Serial No. 746,275.

To all whom it may concern:

Be it known that I, CORNELIUS B. CORCORAN, a citizen of the United States, residing in New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Type-Writing Machines, of which the following is a specification.

This invention relates to means for severing a web after being written upon in a typewriting machine.

The web is usually mounted upon a spool and led around a revoluble platen where it receives the type impressions. The web is usually divided into a repetition of printed forms, and it has been the custom after the completion of the typewriting of each form, for the operator to feed the web to a position for severing the same, and thereupon to feed the web again until the first blank line on the next form is brought to the printing point to be written upon.

One of the principal objects of the present improvements is to save time and labor in connection with the adjustment of the web, and also to produce a machine which is capable of attaining this result in connection with webs having different kinds of forms to be printed thereon.

One of the principal features of the present improvements consists in means which permit the web to be written upon as soon as the previously written blank is severed, without intervening readjustment of the web. To this end, I provide a knife or severing device, which may be shifted around the platen through a long range of adjustment, thus permitting the operator upon adjusting the first line of a new form at the printing point to sever the previously written form. Hence only one adjustment of the web is necessary for the writing of each form. The knife is shiftable around the platen through a long range of adjustment, so as to accommodate a great variation in the depths of the headings on the printed forms.

Other features and advantages will hereinafter appear.

Figure 1 is a top plan view showing the cutter attached to the platen frame of a typewriting machine. Fig. 2 is a sectional view at a point indicated in Fig. 1 showing the paper diagrammatically in position to be severed with the cutter. Fig. 3 is a per-

spective of the parts comprising the cutter. Fig. 4 is a sectional view at a point indicated in Fig. 2 and shows the method of keeping the cutter in position after being moved to the proper place.

The platen frame 1 to which my invention is shown attached, is of the usual Underwood type; wherein a platen 2 is fast upon an axle journaled in the platen frame ends 3. A table 4 serves to guide the paper 5 to the feed rolls 6. A knife 7 extends along the platen 2 to sever portions from the web. The knife 7 is held at each end by means of upwardly extending brackets 9, which are clamped by thumb-screws 12 to ears 10 on the coverplates 11. These thumb-screws 12 extend through slots 13 in the ears 10, and are threaded into the brackets 9. These slots 13 are cut in an arc about concentric with the cylindrical surface of the platen 1, and this permits the knife 7 to be adjusted about the platen to bring its edge 8 into place for severing the paper where required.

Variations may be resorted to within the scope of the invention, and portions of the improvements may be used without others.

Having thus described my invention, I claim:

1. In a typewriting machine, the combination of a platen frame and a platen mounted thereon, of brackets mounted in the ends of the platen frame and adjustable in an arc conforming with the curvature of the platen, and a cutting blade extending along the platen and secured to said brackets.

2. An attachment for the platen frames of typewriting machines, comprising a cutting blade extending along the platen, and means on the end of the platen frame to enable said cutting blade to be brought into position at various distances from the writing line circumferentially of the platen with the distance between the blade and the platen remaining substantially constant.

3. In a typewriting machine, the combination with a platen and paper feeding devices therefor, of a cutting blade extending along the platen and mounted for adjustment around the platen, the range of adjustment extending from a point at the front of the platen in proximity to the printing point, to a point in rear of the top of the platen.

4. In a typewriting machine, the combination with a revoluble platen and types arranged to strike on the front thereof, of a cutting blade extending along the platen, and means for supporting said blade, said
5 supporting means comprising ears on the platen frame at the ends of the platen, said ears being provided with slots extending
around the top of the platen to the rear of the top side thereof concentric with the
10 platen, and clamping devices connected with said blade and adjustable along said slots.

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