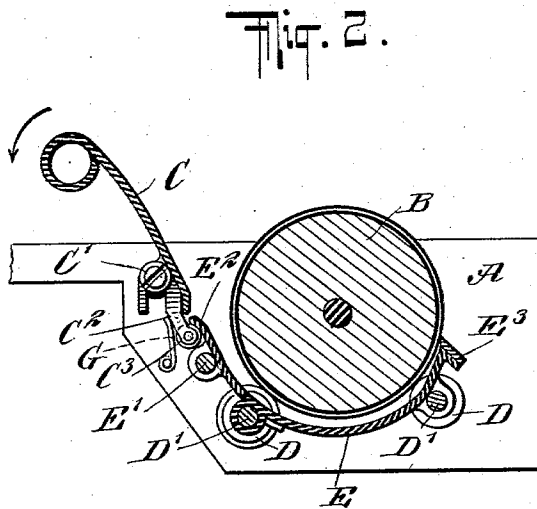
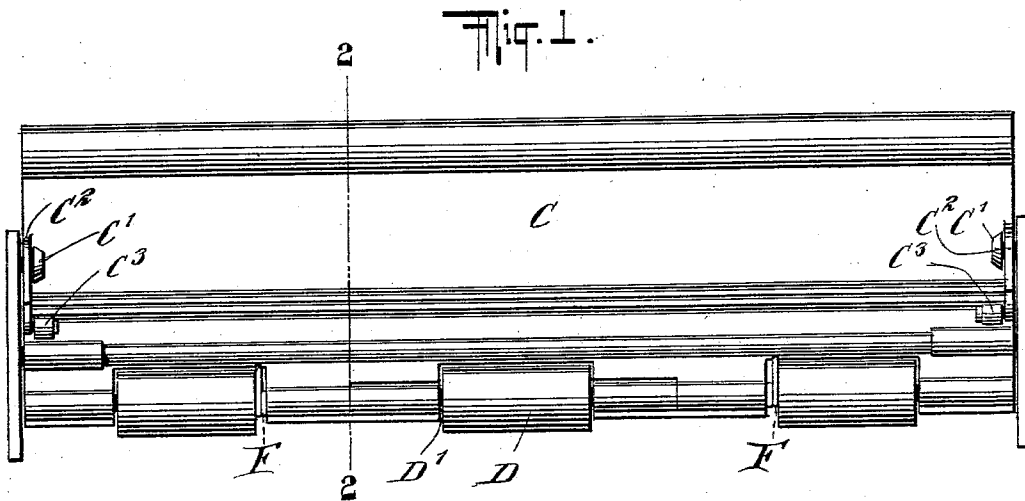


No. 752,092.

PATENTED FEB. 16, 1904.

L. MYERS.
PAPER RELEASE DEVICE FOR TYPE WRITERS.
APPLICATION FILED MAY 14, 1903.

NO MODEL.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LOUIS MYERS, OF HARTFORD, CONNECTICUT, ASSIGNOR TO UNDERWOOD TYPEWRITER COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

PAPER-RELEASE DEVICE FOR TYPE-WRITERS.

SPECIFICATION forming part of Letters Patent No. 752,092, dated February 16, 1904.

Application filed May 14, 1903. Serial No. 157,054. (No model.)

To all whom it may concern:

Be it known that I, LOUIS MYERS, a citizen of the United States, and a resident of Hartford, county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Paper-Release Devices for Type-Writers, of which the following is a specification.

My invention relates to machines, such as type-writers, in which a sheet of paper is fed over a suitable surface, such as a platen, and is normally pressed against said platen by devices generally in the nature of rollers.

The object of my invention is to provide a simple mechanism for throwing the said pressure-exerting devices into and out of their operative position.

To this end my invention consists in certain features of construction and combinations of parts, as will be fully described hereinafter, and particularly pointed out in the appended claims.

Reference is to be had to the accompanying drawings, in which—

Figure 1 is a rear elevation showing a portion of a type-writer carriage with my invention applied thereto, and Fig. 2 is a sectional elevation on line 2 2 of Fig. 1.

A designates that portion of the carriage in which the platen B is journaled.

C is a paper-shelf, which is located in the rear of the platen. This paper-shelf is stationary in machines as constructed hitherto; but according to my invention the paper-shelf is pivotally connected with the frame A, as indicated at C', and has an extension C², preferably carrying a roll C³ at its free end. The pressure-exerting devices consist of rolls D, adapted to engage the platen and mounted upon shafts D', which are supported by a carrier E, extending partly around the platen. This carrier is fulcrumed on the frame A at E' and has a projection E², engaged by the roller C³, which is carried by the shelf C. Springs

F G normally keep the rollers D against the platen and the roller C³ in engagement with the extension E². However, the mere weight of the paper-shelf C may be sufficient to keep the roller C³ against the extension E². The front portion of the roller E is provided with a scale E³. It will be understood that the paper is introduced in the usual manner between the shelf C and the platen B and is kept against the platen by the rollers D.

When it is desired to release the paper, the operator presses against the upper portion of the shelf C or against the paper lying on said shelf in the direction indicated by the arrow in Fig. 2. This causes the rollers C³ to be swung forward and swings the carrier E on its fulcrum E' in such a manner as to carry the rollers D away from the platen. As soon as the rearward pressure on the shelf C is discontinued the springs will return the parts to their original position.

It will be seen that my invention provides a paper-release device of great simplicity, which device is readily operated, since the paper-shelf which forms the operating-handle, as it were, is easily accessible.

I claim as my invention and desire to secure by Letters Patent—

1. In a type-writer or like machine, the combination with the platen of a carrier pivoted adjacent to said platen, pressure-exerting devices mounted upon said carrier, and a pivoted paper-shelf engaging said carrier to shift the same.

2. In a type-writer or like machine, a platen, a carrier movably mounted adjacent thereto, pressure-exerting devices mounted on said carrier, and an independently-mounted paper-shelf movable relatively to said carrier and engaging the same to shift it relatively to the platen.

3. In a type-writer or like machine, a platen, a carrier pivoted in the rear of the platen and provided with an upward extension adjacent

to its pivot, pressure-exerting devices mounted on said carrier, and a paper-shelf pivoted in the rear of the platen, above the said carrier, and provided with a downward extension
5 arranged in the rear of and in engagement with the upward extension of the carrier.

In testimony whereof I have signed my name

to this specification in the presence of two subscribing witnesses.

LOUIS MYERS.

Witnesses:

JOHN LOTKA,
EUGENE EBLE.