

No. 652,320.

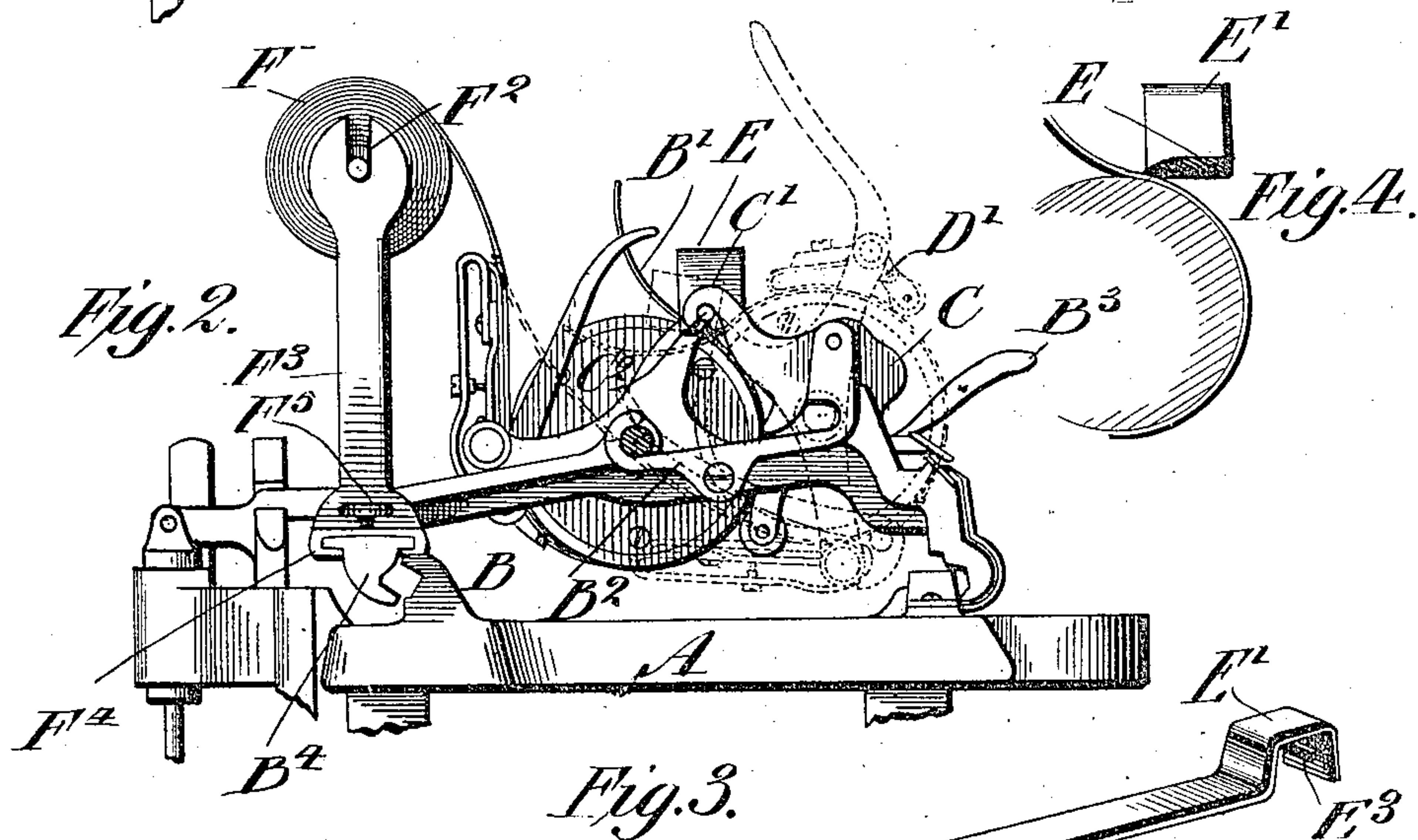
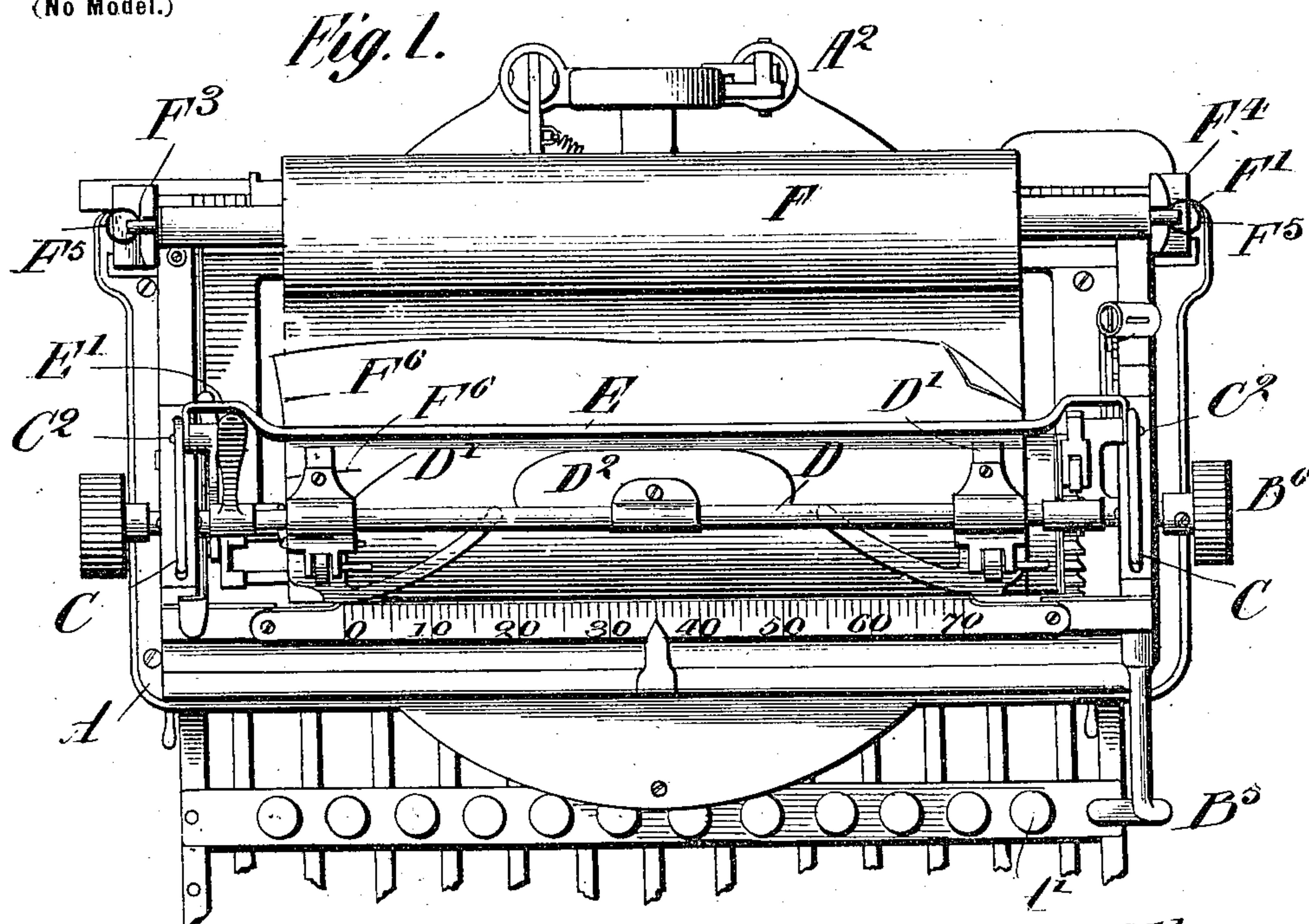
Patented June 26, 1900.

H. R. LOOSLEY, E. LOOSLEY, JR. & M. BOTHMAN.

PAPER CARRIER FOR TYPE WRITERS.

(Application filed Dec. 9, 1899.)

(No Model.)



*Fig. 3.*

Witnesses

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*Fig. 4.*

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# UNITED STATES PATENT OFFICE.

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## PAPER-CARRIER FOR TYPE-WRITERS.

SPECIFICATION forming part of Letters Patent No. 652,320, dated June 26, 1900.  
Application filed December 9, 1899. Serial No. 739,781. (No model.)

*To all whom it may concern:*

Be it known that we, HENRY R. LOOSLEY, EDWIN LOOSLEY, Jr., and MORRIS BOTHMAN, citizens of the United States, residing at Murphysborough, in the county of Jackson, State of Illinois, have invented certain new and useful Improvements in Paper-Carriers for Type-Writers, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to paper-carriers for type-writers, and particularly to a carrier by which a continuous web or roll of paper is adapted to be fed to the platen of the machine and cut into the desired lengths after having been printed upon.

The invention has for one object to provide an improved structure for mounting the cutting-knife whereby the same may be readily removed and replaced from its position relative to the platen and at other times will be securely retained by the latches which hold the removable platen in position upon its cradle.

A further object of the invention is to provide improved means for supporting the paper roll upon a movable portion of the carrier which will not be affected by the swinging of the carriage in its cradle for the purpose of inspecting the written line.

Other objects and advantages of the invention will hereinafter appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a plan of the character of type-writer known as the "Smith Premier" machine. Fig. 2 is an end elevation of the same, showing the platen raised in dotted lines. Fig. 3 is a detail perspective of the cutting-knife provided with attaching means at its ends, and Fig. 4 is a detail section of the knife and platen.

Like letters of reference indicate like parts throughout the several figures of the drawings.

It will be understood that this invention is capable of attachment to any form of type-writer, but is particularly adapted for application to the character of machine known as the "Smith Premier" or other machines em-

bodying similar principles of construction in their carriage mechanism.

In the form of type-writer illustrated the letter A designates a framework, in which may be mounted suitable type-keys A' and feeding mechanism A<sup>2</sup>. Upon this framework a reciprocating carriage B is suitably mounted, and in the present instance the carriage illustrated is that of a No. 2 Smith Premier type-writer, a detailed description of which is not deemed necessary. The platen B' of this carriage is carried in a cradle-frame B<sup>2</sup> and adapted to be rocked or swung into the position shown by dotted lines in Fig. 2 by means of a handle B<sup>3</sup>. This platen is retained in its position for writing by means of a latch C, having a hooked portion C', adapted to engage a latch-pin C<sup>2</sup>, carried by the framework of the platen. At the rear of the frame B and carries a portion of the feed mechanism. The platen may be rotated by means of the feed-lever B<sup>5</sup> or the handle B<sup>6</sup>, carried by the axle thereof. At the front of the platen the usual cross-bar D is located and provided at opposite sides with the paper-guides D' and an enlarged centrally-disposed guide D<sup>2</sup>, adapted especially for feeding the paper beneath the edge of the cutter.

The cutting mechanism in the present case consists of a removable knife E, as shown by Fig. 3, which is provided at opposite ends with arched portions E', adapted to bridge or pass over a portion of the carriage mechanism, and one of these arched portions is provided with a pivoting-aperture E<sup>2</sup>, while the opposite end E' is provided with a slot E<sup>3</sup>. The aperture E<sup>2</sup> is passed over one latch-pin C<sup>2</sup> and the knife brought into position by a longitudinal movement, while a lateral movement causes the slot E<sup>3</sup> to pass over the opposite latch-pin C<sup>2</sup>, at which time the latches C are engaged with the pins and the knife held in its proper relation to the upper face of the platen. It may here be stated that in Fig. 1 the platen has been swung forward, so that the line last written thereon may be seen by the operator. Whenever desired, the knife may be removed for any purpose by reversing the operation just described.

The invention contemplates the use of a



web or continuous roll of paper F, which is mounted upon a suitable axis F', adapted to seat in the slotted upper ends F<sup>2</sup> of standards F<sup>3</sup>, which are carried by the reciprocating rear bar B<sup>4</sup>. These standards are provided at their lower ends with dovetail sockets F<sup>4</sup>, adapted to fit the bar B<sup>4</sup>, and may, if desired, be additionally secured by means of screws F<sup>5</sup>. It will be seen that the standards and paper roll can be very conveniently removed from the machine at any time, and not being carried by the swinging platen do not affect the movement thereof, as they only travel in the reciprocatory movement of the bar B<sup>4</sup>. The paper web F may be provided with any desired character of ruling to guide in the adjustment of the same or to govern the length of sheets to be separated from the main web; but for the purpose of illustration we have shown a rule-mark F<sup>6</sup>, located at the left side of the paper, and it will be obvious that these marks may be located at any distance apart for the purpose of guiding the operator in the length of sheet to be used. When in the movement of the platen the desired length of sheet has been written upon, the same is fed forward until the line of separation is directly beneath the blade of the knife E, at which time the written page may be separated from the body of the web by simply tearing across said knife-edge. It will be observed that the several parts of the carrier can be readily applied to or removed from the type-writer, and when in place do not in any wise affect the free movement of the platen in its cradle.

It will be obvious that changes may be made in the details of construction and configuration of the knife and standards without departing from the spirit of the invention as defined by the appended claims.

Having described the invention, what is claimed is—

1. In a paper-carrier for type-writers, the combination with a carriage provided with a cradle and swinging platen having latch-pins,

of latches for said platen, and a knife-blade extending longitudinally of the platen and carried upon the latch-pins so as to be secured in position by said platen-latches; substantially as specified.

2. In a paper-carrier for type-writers, the combination with a carriage provided with a cradle and swinging platen having latch-pins, of a latch for said platen, and a knife-blade provided with arched end portion and aperture adapted to pass over a latch-pin extending from the platen-frame of the machine; substantially as specified.

3. In a paper-carrier for type-writers, the combination with a carriage provided with a cradle and swinging platen having latch-pins, of a latch for said platen and a knife-blade extending longitudinally of the platen and carried upon latch-pins, so as to be secured in position by said platen-latches, standards carried by the reciprocating bar of said carriage, and a paper-roll journaled in said standards; substantially as specified.

4. In a paper-carrier for type-writers, the combination with a carriage provided with a cradle, a swinging platen in said cradle provided with latch-pins, latches cooperating with said pins, a knife-blade extending longitudinally of the platen and provided at one end with an aperture to pass over a latch-pin and at the opposite end with a slot to engage the latch-pin at the opposite end of the machine, a removable standard carried by a reciprocating member at the rear of the carriage and provided with a dovetail seat to engage said member, and a paper-roll carried by said standard; substantially as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

HENRY R. LOOSLEY,  
EDWIN LOOSLEY, JR.  
MORRIS BETHMAN.

Witnesses:

JOHN Q. A. KIMMEL,  
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