(No Model.)

J. FELBEL.

TYPE WRITING MACHINE.

No. 526,774. Patented Oct. 2, 1894.

Fig. 1.

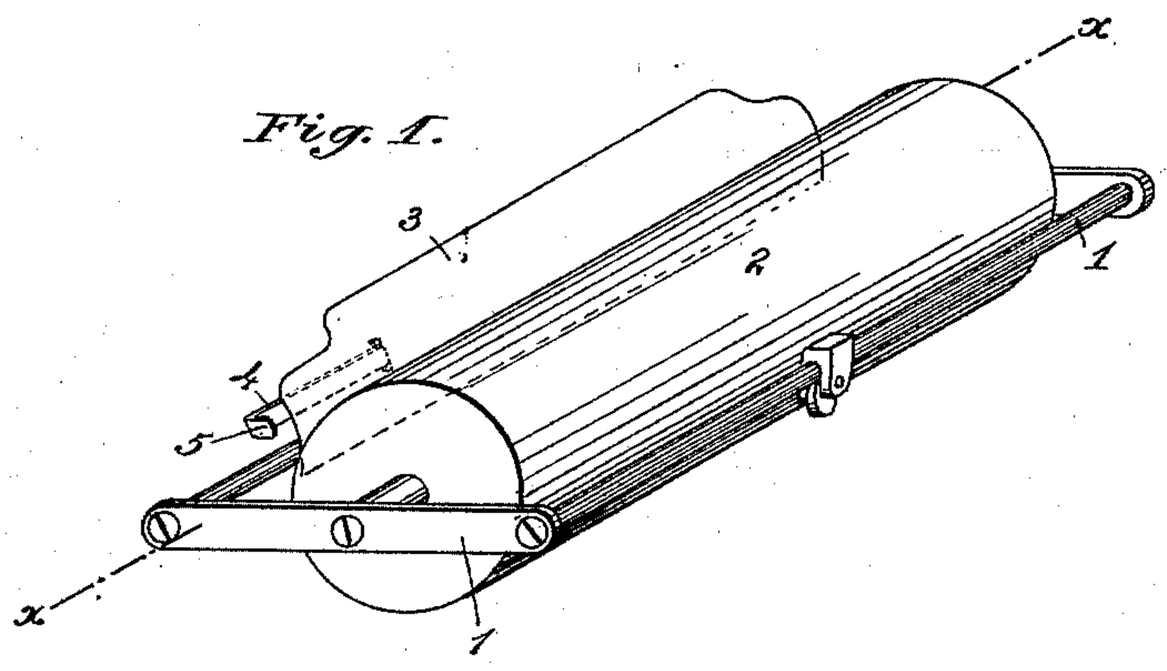


Fig. 2.

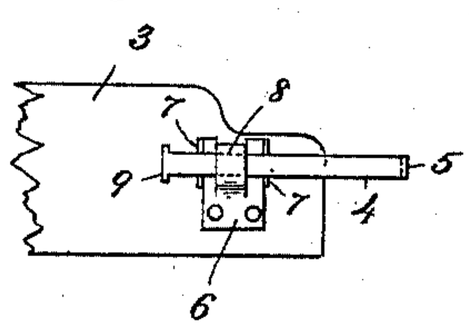


Fig. 3.

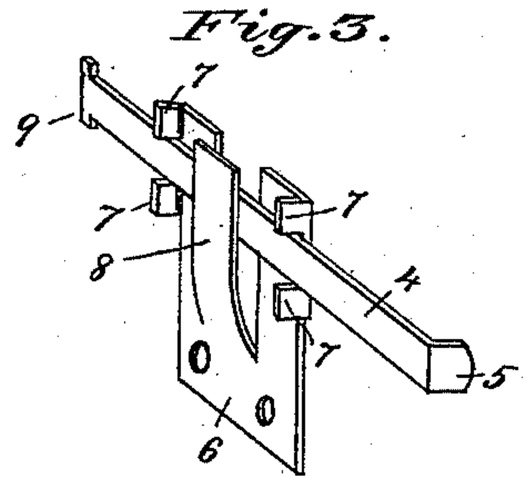
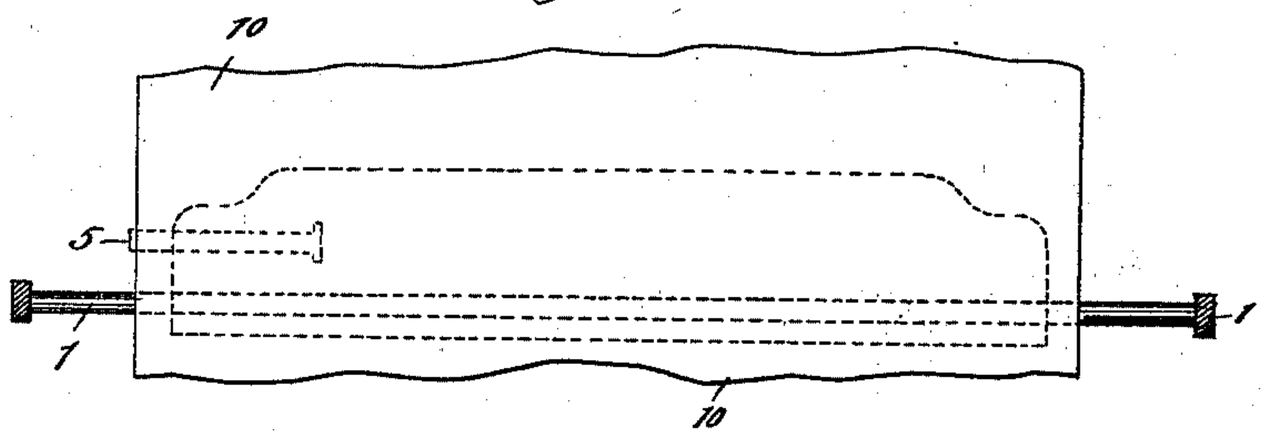


Fig. 4.



WITNESSES:

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TYPE-WRITING MACHINE.

SPECIFICATION forming part of Letters Patent No. 526,774, dated October 2, 1894.

Application filed August 23, 1890. Serial No. 362,879. (No model.)

To all whom it may concern:

Be it known that I, JACOB FELBEL, a citizen of the United States and a resident of New York city, 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.

In type writing a piece of work involving a plurality of sheets of paper considerable difficulty has heretofore been experienced in so arranging or placing the sheets upon the platen of the machine as that the margin at the left hand side of each sheet shall be exactly the same or uniform.

My invention has for its main object to provide a construction whereby this difficulty may be readily overcome.

To this end my invention consists in the various features of construction and combinations of devices hereinafter more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1, is a perspective view of the carriage of a type-writing machine embodying my invention. Fig. 2, is a partial back view showing the improvement as applied to the paper-table of the carriage. Fig. 3, is a perspective view enlarged of the improvement detached, to more fully show the details of construction. Fig. 4, is a vertical section taken at the line *x*, of Fig. 1, with a sheet of paper added, to show the operation of the device.

In the several views the same part will be found designated by the same numeral of reference.

1, designates the carriage-frame and 2, the platen mounted to turn therein in the usual manner.

3, designates the paper-table which may be attached to the back rod of the carriage-frame as customary. At the left hand side of the paper-table is arranged the marginal guide, which consists preferably of a shank 4, and a lip or projection 5, at right angles thereto. This guide is made adjustable lengthwise of the platen in order to provide for different widths of margin in different pieces of work and is preferably supported by a plate 6, riveted to the back of the paper-table and bent so as to form guiding ears or lugs 7, for the shank or bar-portion of the marginal guide. A spring 8, preferably cut or formed out of the metal plate 6, is provided to bear against the shank 4, sufficiently hard to hold the guide in any desired position within the range of its movements. One end of the shank 4, is preferably provided with an enlargement or T-shaped head 9, to prevent the device from being pulled so far out as to become detached from the machine.

In the operation of the contrivance, the shank 4, is slid in or out until the flange or projection 5, is brought to the desired position with reference to the platen. A sheet of paper 10, is then to be inserted or placed upon the platen by passing it down over the paper-table in the usual way, but having its left hand edge run in contact with the inner side of the lip or projection 5, as shown at Fig. 4. When the paper has thus been fed forward a sufficient distance the writing may be begun. After finishing with said sheet the next and the successive sheets are inserted in the same way. In this manner it will be found, if the writing is begun at the same point on each sheet, that each and every sheet will have exactly the same amount of margin at its left hand side or edge, thus obviating the necessity which now exists of employing the scales and pointer and and the right hand margin-stop for this purpose.

I am aware that prior to my invention it has been common to use a trough-like or tubular device to support and guide and automatically deliver a pile of paper to the feeding devices of type writing machines, and I therefore disclaim any such structure, my device being constructed and employed simply to regulate or determine the width or amount of margin in successive sheets of paper, so that all of the sheets may have a like or uniform margin at the left hand side.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a typewriting machine, the combination with the paper-carriage, its platen, and its paper-table, of an adjustable margin-regulator operating as a gage for the paper supported on the said paper-table, substantially as set forth.

2. In a type-writing machine, the combination with a paper-carriage having a cylin-

drical platen and the usual paper-table, of an adjustable margin-regulator connected directly to said table at one end for the purpose of securing an equal amount of margin at the left hand side of the successive sheets of a given piece of work; as set forth.

3. In a type-writing machine, the combination with a paper-carriage having a cylindrical platen and the usual paper-table, of an adjustable margin-regulator connected directly at one end of said paper-table and consisting of a bar or shank portion and a lip or projection arranged at an angle thereto; as set forth.

4. In a type-writing machine, the combination with a paper-carriage having a cylindrical platen and the usual paper-table, of an adjustable margin-regulator connected directly to said paper-table and having a forwardly extending lip or flange arranged to be moved toward and away from the end of said paper-table; as set forth.

5. In a type-writing machine, the combination with a paper-carriage having a cylindrical platen and the usual paper-table, of an adjustable margin regulator connected directly to one end of said table, and a spring tongue for holding the same in any position to which it may be adjusted; as set forth.

6. In a type-writing machine, the combination with a platen and a paper-table, of an adjustable marginal paper-guide, and a supporting-plate having guiding lugs or ears, and a spring tongue; substantially as set forth.

7. In a type-writing machine, the combination with a paper-carriage having a cylindrical platen and the usual paper-table, of an adjustable marginal regulator having a stop or enlargement at one end, and a supporting plate attached to said paper-table at one end and having projecting guides for said marginal regulator; as set forth.

8. In a type writing machine, the combination with a paper-table, of a frictionally-held adjustable margin-guide thereon.

Signed at New York, in the county of New York and State of New York, this 20th day of August, A. D. 1890.

JACOB FELBEL.

Witnesses:
MARTIN LAYDEN,
MARCIA E. LEES.