

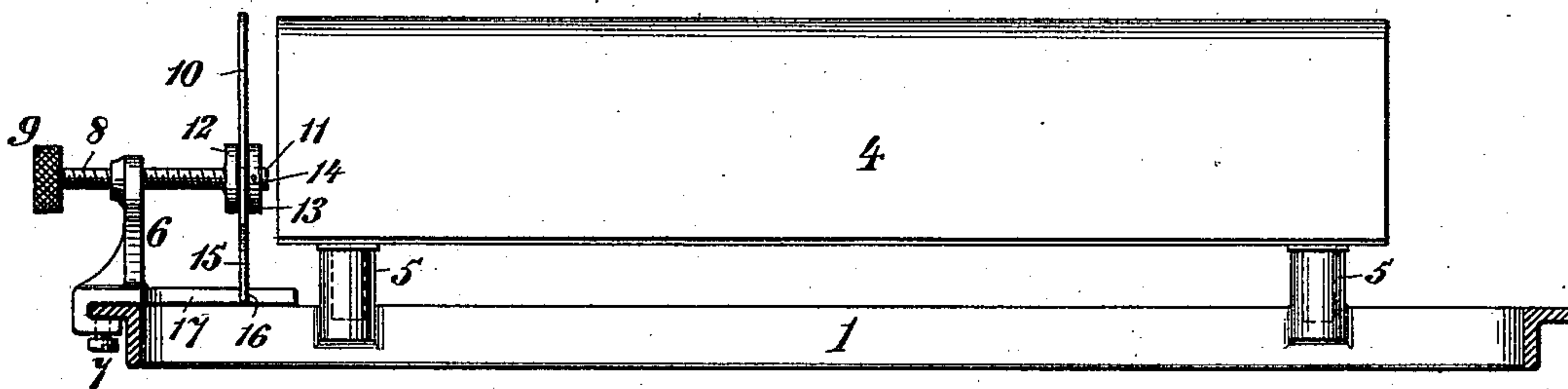
(No Model.)

J. FELBEL.  
TYPE WRITING MACHINE.

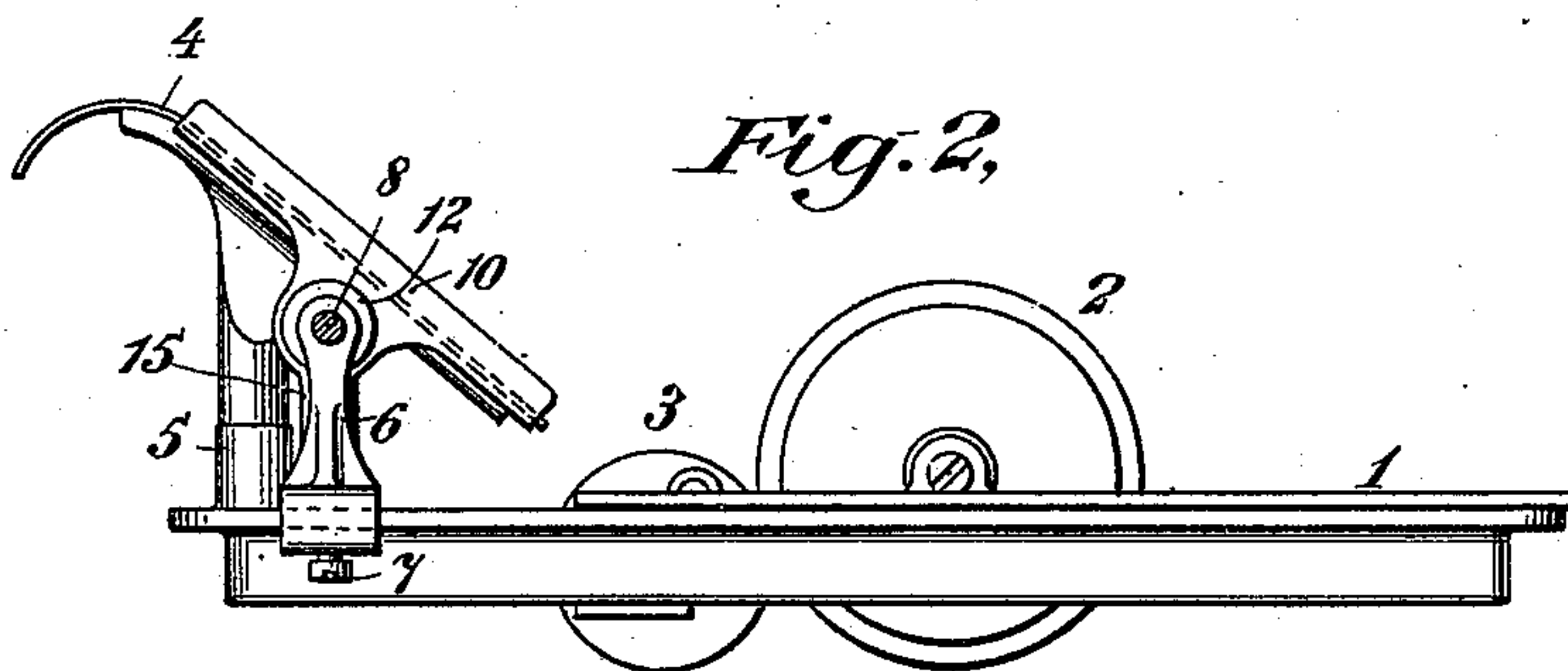
No. 574,144.

Patented Dec. 29, 1896.

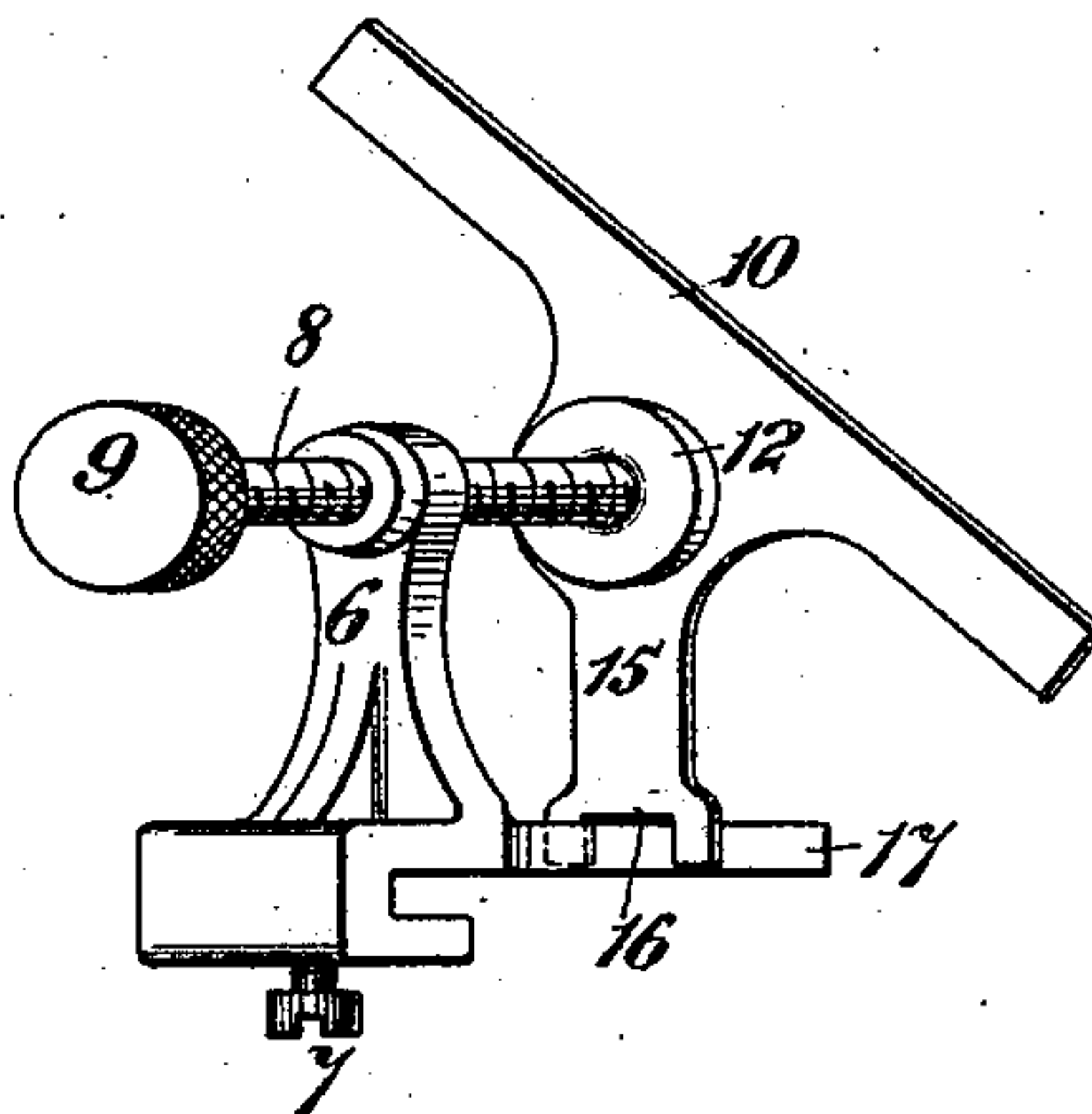
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JACOB FELBEL, OF NEW YORK, N. Y.

## TYPE-WRITING MACHINE.

SPECIFICATION forming part of Letters Patent No. 574,144, dated December 29, 1896.

Application filed November 6, 1893. Serial No. 490,102. (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.

My invention has for its main object to provide a margin-regulator whereby the left-hand sides of successive sheets of paper in a given piece of work may have the same width of margin; and it consists in the 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 front sectional elevation of the paper-carriage of a type-writing machine having my invention applied thereto. Fig. 2 is an end elevation of the same, and Fig. 3 is a perspective view of the margin-regulator and its supporting and adjusting devices.

In the several views the same parts will be found designated by the same numerals of reference.

1 designates the paper-carriage; 2, the platen; 3, the feed-roller, and 4 the paper-table, which is supported in sockets 5, formed on the paper-carriage in the usual manner.

At the left-hand end of the paper-carriage and at its rear is arranged a bracket 6, which may be secured by a set-screw 7 to the flange of the carriage. The upper end of this bracket is threaded to receive a screw or threaded spindle 8, provided with a knob or handpiece 9 at its outer end, and at its inner end carrying a margin-regulator 10, which is preferably made inclined to correspond with the inclination of the relatively-fixed paper-table, and which is arranged in line therewith at its end and projects slightly above the plane of said table.

The margin-regulator, composed, preferably, of a strip or flange of metal, is perforated to receive the inner plain end 11 of the screw or spindle, and is held thereupon by and between collars 12 and 13, the former of which may be formed integral with the screw or spindle and the latter fixed thereupon by a pin or set-screw 14.

Formed integral with the margin-regulator is a downwardly-projecting arm 15, forked at its lower end, as seen at 16, to embrace a horizontally-arranged bar 17, extending inwardly from the bracket, to prevent any rotatory motion of the margin-regulator during its adjusting movements. The latter may be moved nearer to or farther from the end of the paper-table by screwing the spindle in or out, as the case may be.

In the use of the contrivance the left-hand longitudinal edge of the paper to be written upon is placed against the inner surface or side of the regulator, guide, or gage, and the paper then fed to the platen; and if each subsequent sheet is similarly inserted all of the sheets will have the same width of margin at the left-hand side, provided that the lines be begun at the same points on each sheet. In different pieces of work the sheets may have a greater or less width of margin by moving the regulator either farther from or nearer to the paper-table.

Various changes in detail construction and arrangement may be made without departing from the spirit of my invention, as, for instance, the bracket may be made integral with the carriage, and the threaded spindle may be made plain to have a sliding instead of a turning movement, and the margin-regulator may be differently shaped as well as guided by other means than those shown.

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

1. In a type-writing machine, the combination with a paper-carriage, and the usual relatively-fixed paper-table, of a margin-regulator supported on said paper-carriage and independently of said paper-table and arranged in proximity to one end of the latter; substantially as described.

2. In a type-writing machine, the combination with a paper-carriage, and the usual relatively-fixed paper-table, of an adjustable margin-regulator supported on said paper-carriage and independently of said paper-table; substantially as described.

3. In a type-writing machine, the combination with a paper-carriage and its relatively-fixed paper-table, of an independently-supported adjustable margin-regulator, and



means, for moving it to and from the end of the paper-table, mounted on the paper-carriage.

4. In a type-writing machine, the combination with a paper-carriage and its relatively-fixed paper-table, of a margin-regulator mounted on a threaded spindle on the paper-carriage, and means for preventing rotative movements of the regulator during its movements to and from the paper-table.

5. In a type-writing machine, the combina-

tion with a paper-table, of a margin-regulator consisting of the plate or bar 10, the arm 15, the spindle, the bracket or support therefor, and the bar 17.

Signed at New York city, in the county of New York and State of New York, this 28th day of October, A. D. 1893.

JACOB FELBEL.

Witnesses:

I. C. MACDONALD,  
JOHN E. LACEY.