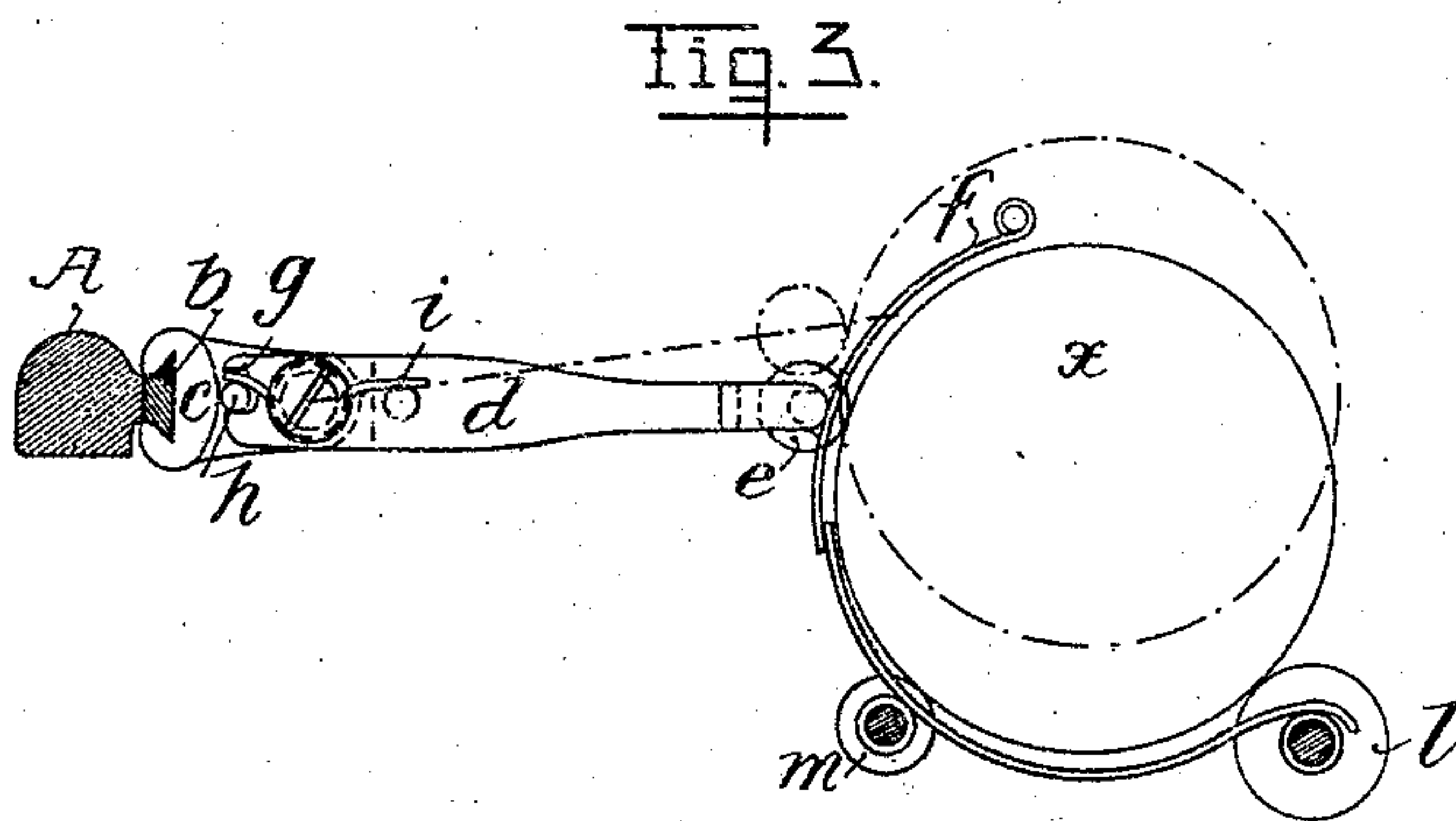
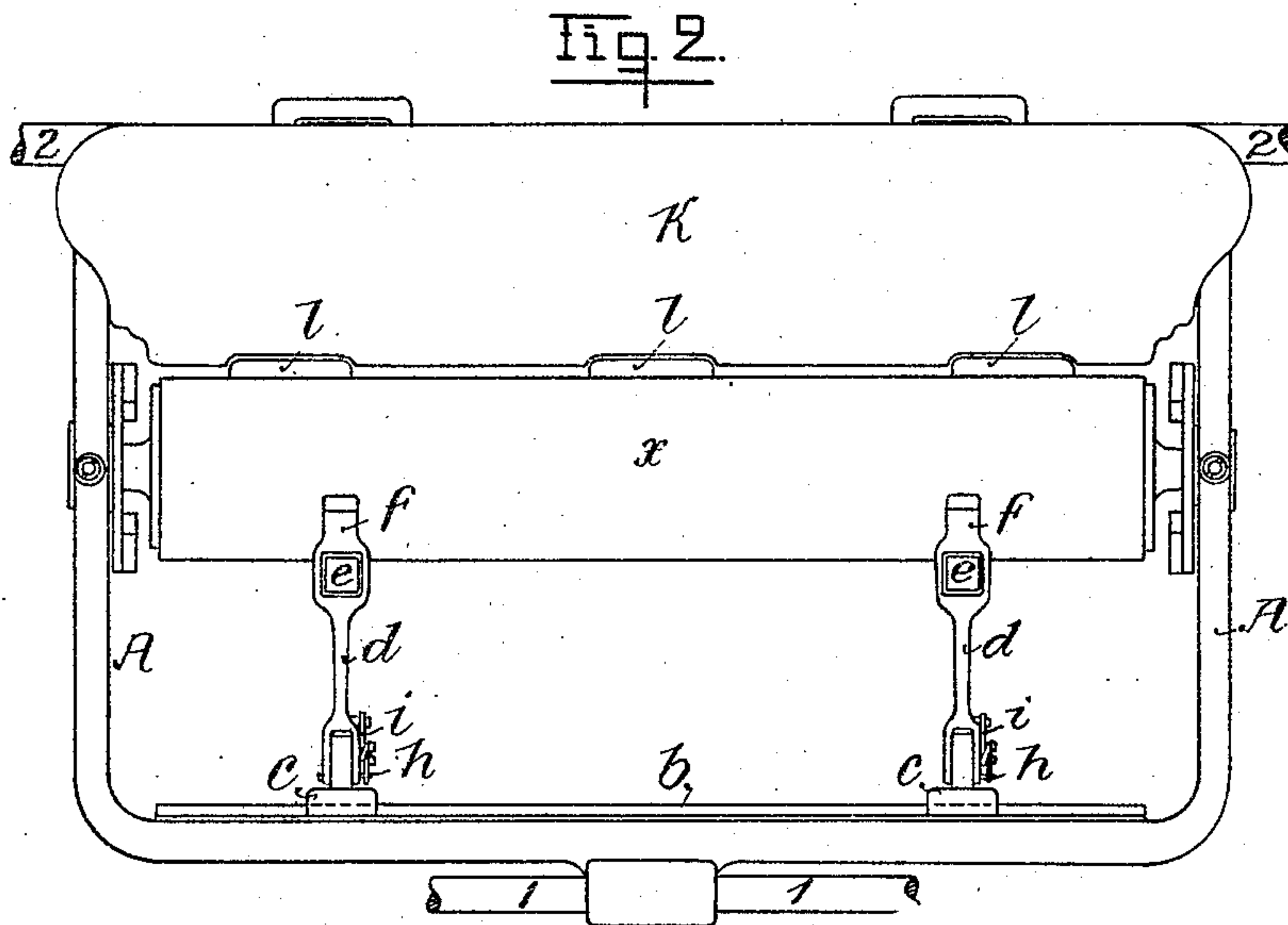
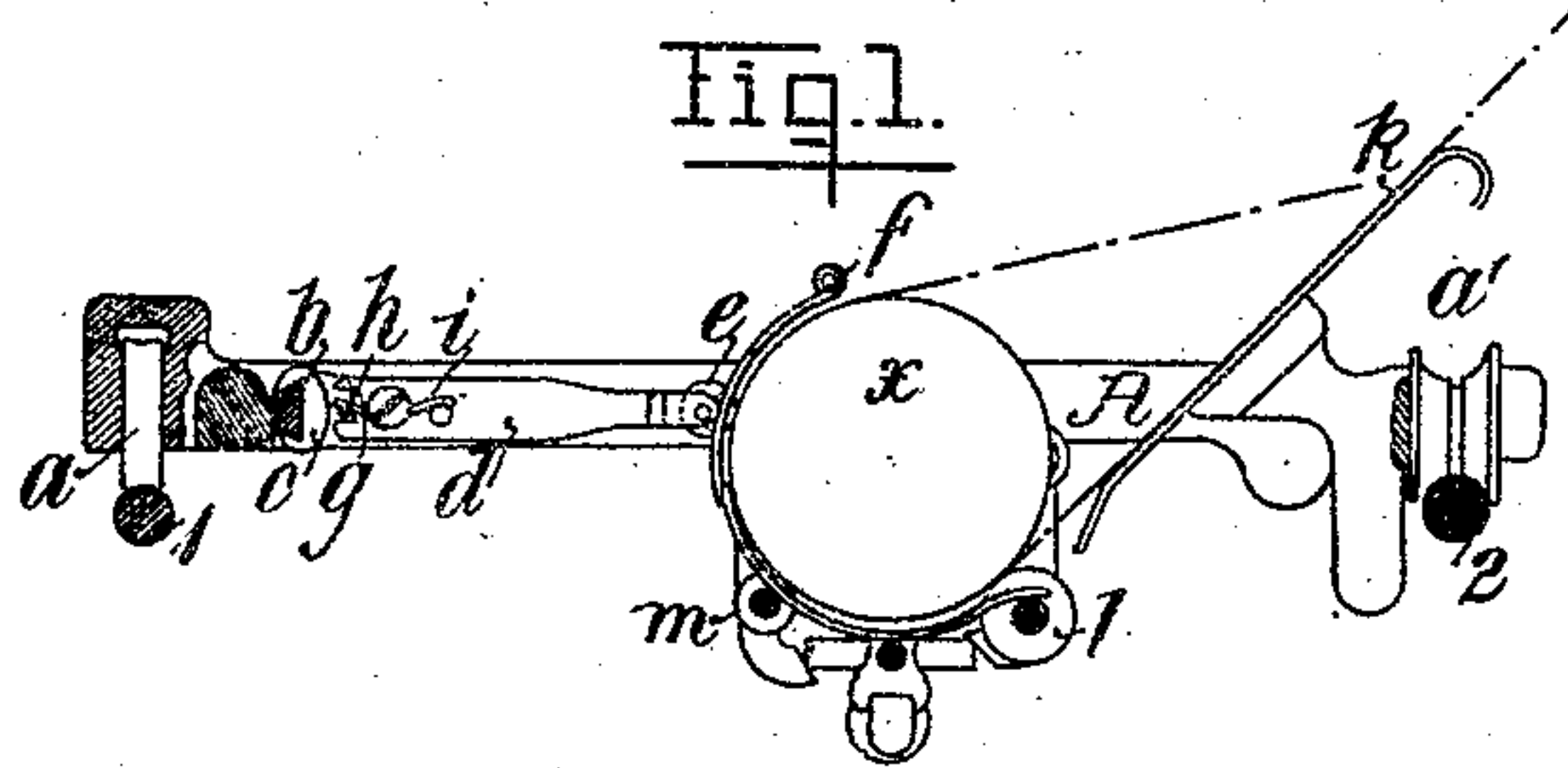


No. 842,795.

PATENTED JAN. 29, 1907.

C. J. MOHNS.
PAPER GUIDE.

APPLICATION FILED AUG. 11, 1904.



Witnesses
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PAPER-GUIDE.

No. 842,795.

Specification of Letters Patent.

Patented Jan. 29, 1907.

Application filed August 11, 1904. Serial No. 220,403.

To all whom it may concern:

Be it known that I, CARL JULIUS MOHNS, a subject of the King of Prussia, German Emperor, residing at Chemnitz, Kingdom of Saxony, German Empire, have invented a certain new and useful Paper-Guide, of which the following is a specification.

This invention relates to the front paper-guiding device of type-writers of the kind having front striking mechanism and in which the paper-roller or platen is shifted vertically, the platen moving relatively to and being guided in a paper-carriage which is supported and traveled on antifriction-rollers arranged in front and behind the platen.

The object of the invention is to so arrange the paper-guiding device or devices that they are not only capable of being moved over the whole width of the platen, but that their whole weight is not borne by the platen when the latter is raised. This is attained by fitting the front paper-guides on the paper-carriage in such a manner that they can move relatively thereto or pivot therein, and thus follow the vertical movements of the platen without necessitating a corresponding movement of the paper-carriage.

Referring to the accompanying drawings, Figure 1 is a cross-section through the paper-carriage of a type-writing machine having a paper-guide arranged according to the invention. Fig. 2 is a plan corresponding thereto, and Fig. 3 is an enlarged detail view of part of Fig. 1.

In carrying out the invention according to one modification the paper-carriage A is supported on antifriction-rollers *a a'*, adapted to travel on guide-bars 1 and 2. On the side bar of the carriage facing the operator is a dovetail or other guide *b*, upon which shoes *c* are arranged to slide.

An arm *d* is pivoted on each shoe *c* and carries on its forked end nearest the platen a paper-guide roller *e*. The opposite end of each arm is slotted, as at *g*, into which slot a fixed pin *h* on the corresponding shoe projects

and limits the oscillatory movement of the respective arm *d*. Each arm is pressed down toward the platen by means of a coiled spring *i*, so that although each arm is free to give way to and follow the vertical movements of the platen the guide-roller *e* is always maintained with a certain amount of pressure upon the paper on the platen, which is guided thereto by rollers *l* and *m* and rests upon the rest *k*.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

1. The combination in a type-writer, of a vertically-shiftable platen and a guiding device independent of and located in front of said platen and having vertical movement to follow the platen and adjustable longitudinally of the platen.

2. A type-writer having a traveling carriage, a vertically-shifted platen carried by said carriage, an arm supported on the front of the carriage, said arm extending rearwardly toward the platen, and a roller on said arm adapted to contact with the platen, said arm being adjustable longitudinally of the platen and having a yielding upward movement to follow the same.

3. A type-writer having a traveling carriage, a vertically-shifted platen carried by said carriage, a dovetail bar on the inner part of the front of the carriage, a correspondingly-shaped portion fitting on said bar, an arm pivoted to said portion and extending rearwardly toward the platen, a roller on said arm contacting with the platen and a spring for normally holding the arm in a horizontal position.

In witness whereof I have hereunto set my hand in presence of two witnesses.

CARL JULIUS MOHNS.

Witnesses:

FRIEDRICH SCHROETER,
ERNST C. MEYER.