

O. THIEME.
 ADJUSTABLE PAPER GUIDE FINGER FOR TYPE WRITING MACHINES.
 APPLICATION FILED SEPT. 23, 1910.

1,029,832.

Patented June 18, 1912.

Fig. 1.

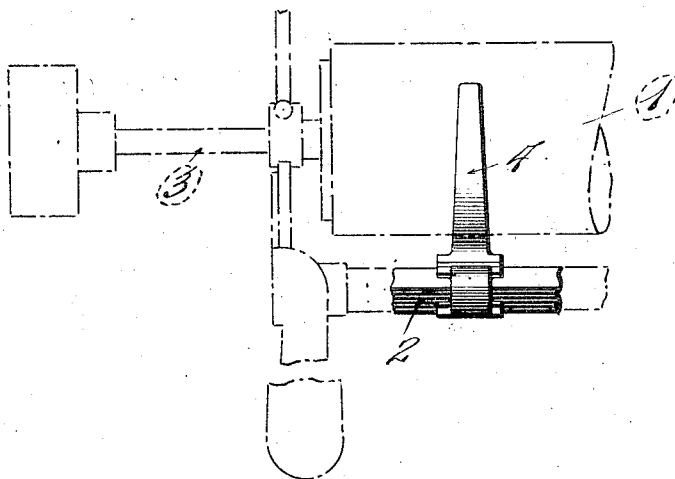


Fig. 2.

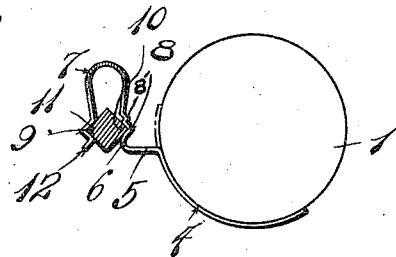
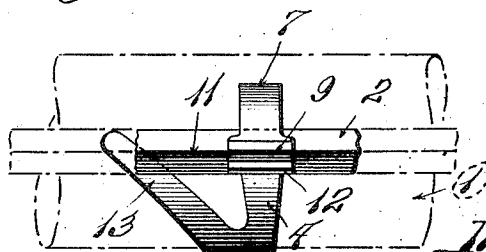


Fig. 3.



WITNESSES.

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ADJUSTABLE PAPER-GUIDE FINGER FOR TYPE-WRITING MACHINES.

1,029,832.

Specification of Letters Patent.

Patented June 18, 1912.

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To all whom it may concern:

Be it known that I, OTTO THIEME, a citizen of the United States, residing at St. Louis, Missouri, have invented a certain new and useful Improvement in Adjustable Paper-Guide Fingers for Type-Writing Machines, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan view of one form of my improved device as applied to the platen of an ordinary typewriter. Fig. 2 is a side view of my device. Fig. 3 is an elevational view of a modified form.

My invention relates to an improvement in the guide finger which is employed on the usual form of typewriter to engage and hold the paper sheet around the platen. It is desirable that such fingers be made of simple and cheap construction and that these fingers may be capable of adjustment on their supporting bar.

My improved device comprises a finger portion, which is of ordinary construction, and a clamp portion for engaging the supporting bar which is novel.

Referring to the drawings, the numeral 1 designates the platen of an ordinary typewriter mounted as usual on a traveling carriage.

2 is a supporting bar in front of the platen and suitably supported at each end by the platen spindle 3. This bar 2 is preferably, although not necessarily, square in cross section with the diagonals of the square in vertical and horizontal position, respectively.

The guide finger as shown at Fig. 1 is comprised of a strip of resilient material having a guide finger portion 4 curved to embrace the periphery of the platen 1. This finger portion is bent at 5 to form a horizontal section and then rebent at 6 into a spring loop or clamping portion 7. This clamping portion is notched at either side as indicated at 8 and 9 by crimping the material to form clamping seats, which are to engage the opposite corners 10 and 11 of the supporting bar 2 as shown in Fig. 2. Above the inner notch 8 is another notch 8', in

which may be seated the projection or corner 10 when it is desired to retain the finger piece on the bar, but with the guide portion 4 removed from the platen to allow of the insertion of several thicknesses of paper.

The end of the strip 12 is preferably turned outwardly in order that when the clamping loop is passed over the bar 2 the sides of the loop 7 will spring sufficiently to allow the notches 8 and 9 to engage the corners 10 and 11, respectively, of the bar 2. By this construction the finger is easily clamped and held in position wherever desired, on the supporting bar 2, and may be easily adjusted longitudinally of the bar to any position desired.

In Fig. 3 is shown a slight modification in the form of the finger, which consists not only of a strip passing downward from the clamping loop and around the platen, but also a lateral wing 13 extending from said strip and curved to correspond to the periphery of the platen.

I am aware that minor changes may be made in my construction, and in the combination of elements illustrated, without departing from the spirit of my invention, the scope of which is indicated by the accompanying claims.

I claim:

1. In a typewriting machine the combination with a platen and a bar square in cross section mounted on the carriage of the machine in front of the platen, of a paper guide comprising a single integral member having an inverted U-shaped portion the lower portions of the legs of which are adapted to engage an opposite pair of corners of the square bar and a curved arm extending downwardly and forwardly from one of the legs, which arm is adapted to bear against the platen.

2. A paper guide finger comprising an integral sheet metal piece bent to form a spring loop having a notch in one side thereof and two notches in the opposite side, and a curved portion adapted to engage the platen.

3. The hereindescribed guide finger for typewriting machines comprising a single piece of resilient sheet metal one end portion of which is bent into inverted U-shape and the legs of which bent portion are provided with oppositely disposed notches

adapted to engage a bar of the typewriter carriage, there being an auxiliary notch formed in one of the legs and the opposite end portion of which section of sheet metal is bent downwardly and curved so as to engage the periphery of the typewriter platen. In testimony whereof I hereunto affix my

signature in the presence of two witnesses, this 12th day of September, 1910.

OTTO THIEME.

Witnesses:

J. W. CLIFT,
M. P. SMITH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."