(No Model.)

W. H. MORE.

ADJUSTMENT FOR TYPE WRITING MACHINES.

No. 545,169. Patented Aug. 27, 1895.

Fig. 1.

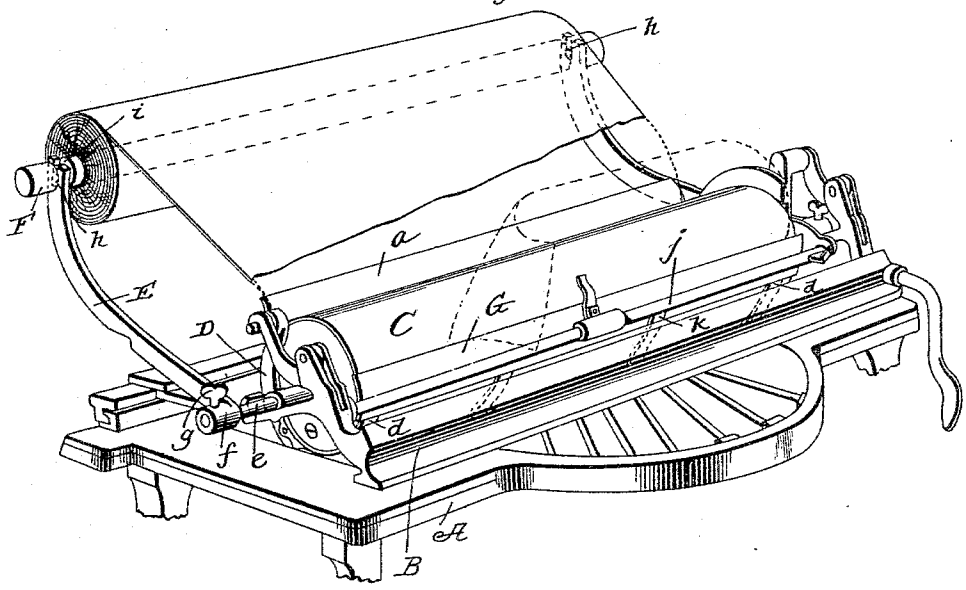


Fig. 2.

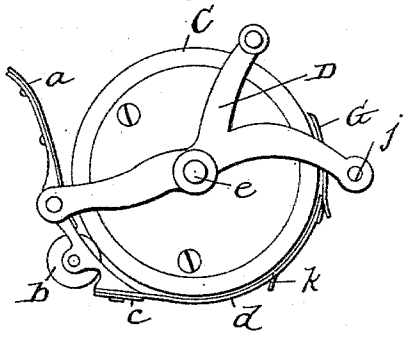


Fig. 3.

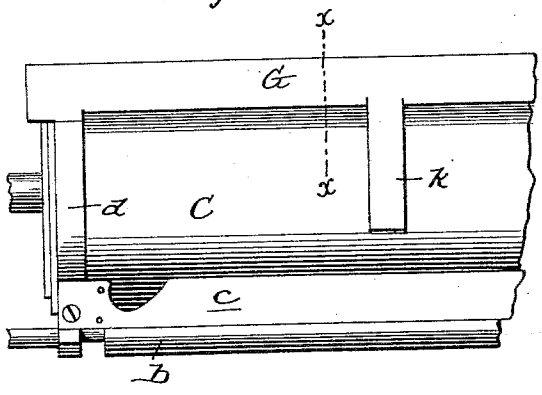


Fig. 4.

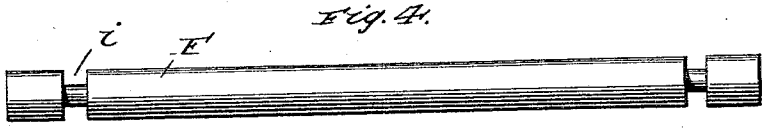
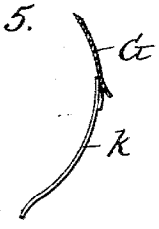


Fig. 5.



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WALTER H. MORE, OF NEW ORLEANS, LOUISIANA.

ADJUSTMENT FOR TYPE-WRITING MACHINES.

SPECIFICATION forming part of Letters Patent No. 545,169, dated August 27, 1895.

Application filed September 29, 1894. Serial No. 524,495. (No model.)

To all whom it may concern.

Be it known that I, WALTER H. MORE, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in Attachments for Type-Writing Machines; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in paper holding and cutting attachments for type-writing machines, and its novelty will be fully understood from the following description and claim, when taken in connection with the annexed drawings, in which—

Figure 1 is a perspective view illustrating a portion of a "Smith-Premier" type-writer with my attachments in position thereon. Fig. 2 is an enlarged end elevation of the platen and its frame removed from the carriage. Fig. 3 is an enlarged detail inverted plan view of the same, illustrating my improved paper-cutting attachment in position. Fig. 4 is a detail view of the paper-roller; and Fig. 5 is a transverse section of the cutter-bar, taken in the plane indicated by the line *x x* of Fig. 3.

Referring by letter to said drawings, A indicates the main frame of a Smith-Premier type-writing machine, B indicates the carriage, C indicates the platen, and D indicates the cradle or auxiliary frame, which is mounted on the carriage and carries the platen, the usual paper-guide *a*, roller *b*, and plate or bar *c*, having the curvilinear branches *d*, and is provided at its ends with rods *e*, which bear on the carriage, as shown. All of these parts may be of the ordinary construction, and the rods *e* are designed, in addition to bearing on the carriage, to serve for the connection of the standards E of the paper-holding attachment. The said standards E are provided at their lower ends with sleeves *f* to receive the rods *e*, and with set-screws *g*, whereby they may be adjustably fixed on said rods, and they have their upper ends notched or bifurcated, as shown at *h*, to receive and hold the roller F, upon which the band or web of paper is wound. This roller F is provided at points adjacent to its ends with the reduced portions *i*, and these reduced portions are designed to be seated in the notches *h* of the standards E, whereby it will be seen that when the set-screws *g* are loosened or dispensed with and the curved standards bear at an intermediate point of their length upon the rear portion of the carriage B, as may sometimes be the case, the roller F is enabled to prevent the standards from moving apart and off the rods *e*. As will be readily appreciated, the rods *e* of the platen-frame form an advantageous support for the standards E, and when the said standards are connected to such rods there is no danger of the machine being scratched or marred, as is the case when the standards are connected directly to the carriage.

The paper to be written upon is wound upon the roller F, as shown in Fig. 1, and when the machine is to be operated it is brought down between the guide *a* and the platen and is drawn between the roller *b* and plate *c* and the platen by rotating the platen, and after being written upon it is carried upwardly in front of the platen and between the same and the bar *j* of the frame D in the usual well-known manner.

I arrange my improved cutter-bar G between the bar *j* and the platen, as better shown in Figs. 1 and 2 of the drawings, and sharpen the upper straight edge of the same, so that the operator may readily detach a piece of paper when it has received the desired amount of writing. The said cutter-bar G is preferably struck from a single piece of sheet metal, and it is connected to the branches *d* of the plate *c* and lies close against the platen, and has the curvilinear branches *k* extending from its rear or lower edge, so as to enable it to serve the additional function of improving the feed of the paper by holding the same against the platen. Said bar G, furthermore, has its lower edge between the branches *k* curved or flared outwardly, and also has the free ends of said branches similarly curved or flared, as shown in Fig. 5, so as to facilitate the entrance of the paper between the same and the platen.

It will be seen from the foregoing that while my improvements are very cheap and simple they are practical, and by reason of their use no time is consumed in feeding separate

sheets of paper into the machine, since when a piece is cut off through the medium of the cutter the end of the web is held between said cutter-bar and platen, and the paper is consequently in a position to receive the next letter or other writing.

Having described my invention, what I claim is—

The type writing machine described consisting essentially of the platen carriage, the cradle or frame D, mounted on the carriage, the platen arranged in the cradle or frame D, and having the rods *e*, at its ends, the standards E, having the horizontally disposed sleeves at their lower ends arranged on the end rods *e*, of the platen and having the notches or bifurcations *h*, at their upper ends, the roller F, having the reduced portions *i*, adjacent to its ends seated in the notches *h*, of the standards E, and adapted to prevent casual removal of said standards from the end rods *e*, of the platen, and the cutter bar G, connected with the platen-frame or cradle and having the branches *k*, and also having its lower edge and the ends of said branches flared outwardly, substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

WALTER H. MORE.

Witnesses:
C. R. URQUHART,
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