

(No Model.)

L. HANCHETT.
TYPE WRITING MACHINE.

No. 360,685.

Patented Apr. 5, 1887.

Fig. 1.

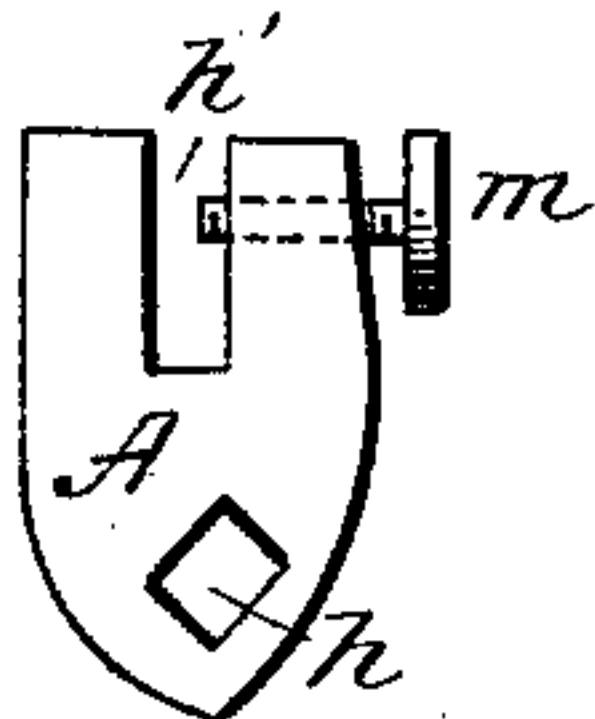


Fig. 2.

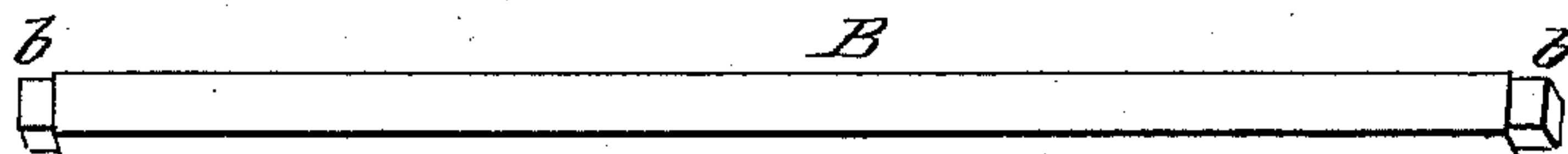


Fig. 3.

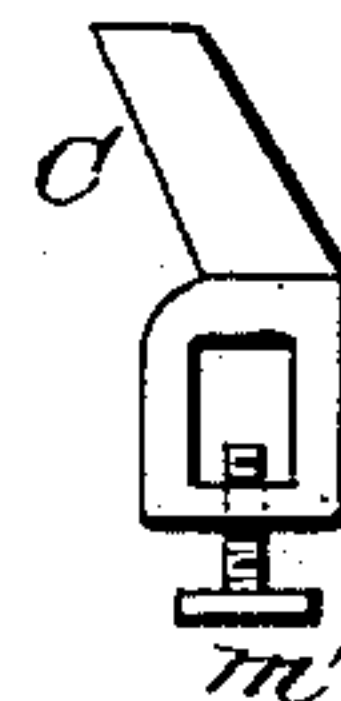


Fig. 4.

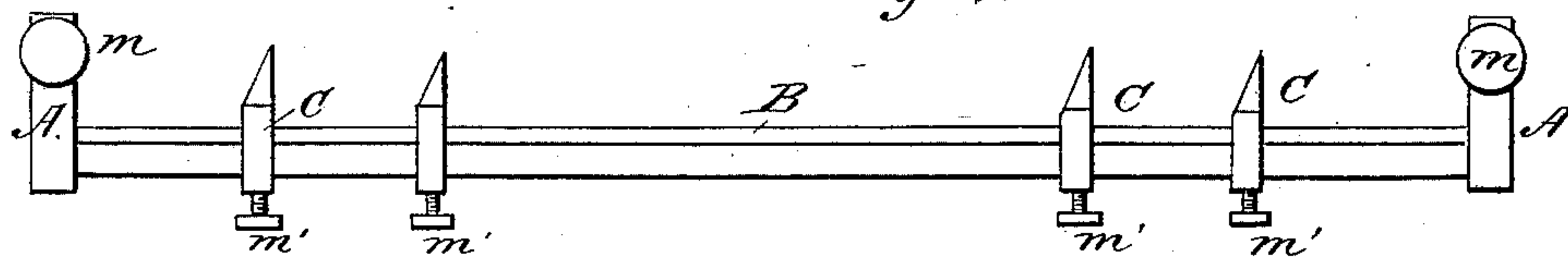
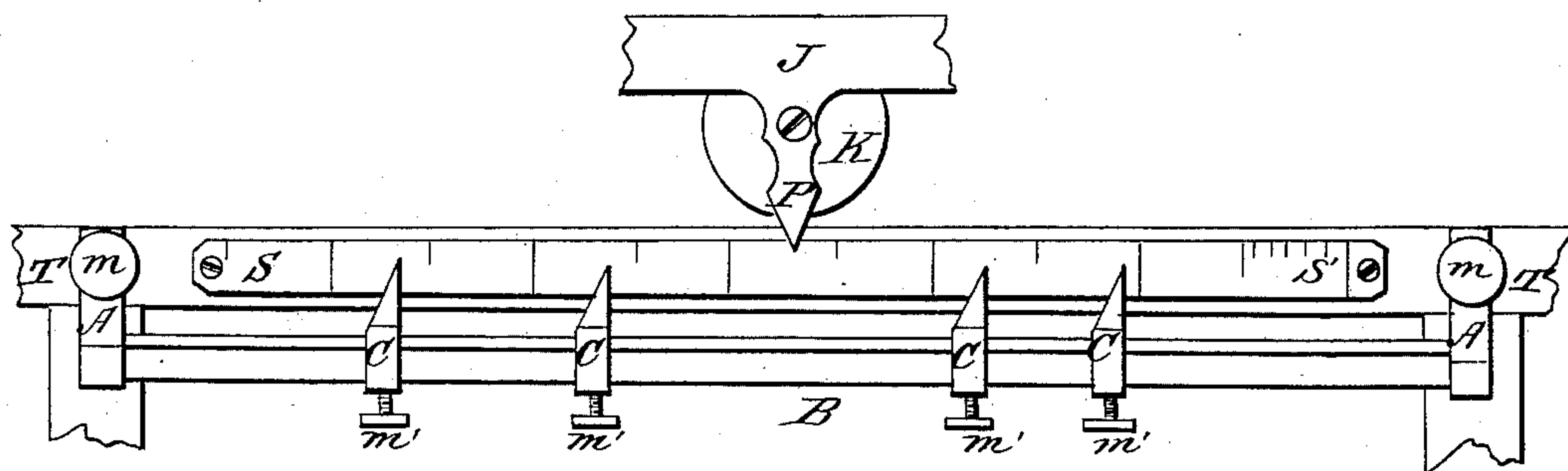


Fig. 5.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LAFAYETTE HANCHETT, OF EMPIRE CITY, COLORADO.

TYPE-WRITING MACHINE.

SPECIFICATION forming part of Letters Patent No. 360,685, dated April 5, 1887.

Application filed March 25, 1886. Serial No. 196,516. (No model.)

To all whom it may concern:

Be it known that I, LAFAYETTE HANCHETT, of Empire City, county of Clear Creek, and State of Colorado, have invented a certain new and useful Improvement in Type-Writing Machines, of which the following is a specification.

My invention is an improvement in indicators for type-writing machines, and relates particularly to that class of such devices in which are employed pointers or indices, which may be set to indicate the point or points in a line in which one or more characters are to be struck or printed.

The present invention seeks to simplify construction and provide more economical indicating attachments, which may be easily attached to a machine, and in such manner that the entire apparatus may be adjusted on the machine when so desired.

The invention consists, essentially, in the novel construction of the clamp-plates in connection with the indicator-bar, as will be hereinafter described, and pointed out in the claim.

In the drawings, Figure 1 is a detail view of one of the clamp-plates. Fig. 2 is a detail view of the indicator-bar. Fig. 3 shows one of the indicators. Fig. 4 shows the attachment ready for application to a machine, and Fig. 5 shows the invention in connection with a part of a Remington type-writer.

The invention is especially intended for use in writing the various kinds of tabulated work—such as columns, figures, &c.—in which it is desired in the several lines to begin and end corresponding or relative words or figures in line.

The clamp-plates A A have openings *h* and are provided with slots *h'*, cut from their edges. These slots are fitted to receive a part of the framing of the writing-machine, as shown at T in Fig. 5, in which figure S represents the scale-plate, J a section of the carriage, K the front roller, and P the carriage-pointer.

A binding-screw, *m*, turns through each of the plates A into the slots *h'* thereof, and by bearing against the frame T serves to secure the clamp-plates to such frame.

The indicator-bar B is provided with the indicators C, and has its ends *b* formed to fit in the openings *h* of clamp-plates A, said ends being formed with tenons, as shown, so the

bar will be prevented from any longitudinal movement when secured by the clamp-plates and the latter are fastened to the frame. The indicators are by preference made adjustable longitudinally along the bar B, and are provided with screws *m'*, as shown, by which they may be secured at any desired point on said bar. In the use of my invention the operator attaches it to the type-writer, as shown in Fig. 5, and adjusts the pointers C directly opposite the numbers of the scale-plate at which it is desired to begin writing any figures or other matter that is desired by the operator to be in columns, the operator beginning to write such matter when the carriage-pointer P arrives opposite the indicator pointer or pointers, continuing in the same manner in each line written.

When the pointers have been properly set and one sheet has been printed, it is not necessary, in inserting another sheet, to change individually all the pointers; but if of necessity a change is required, it is only necessary to release the end clamps and move the entire bar lengthwise to compensate for any difference in the position of the second sheet over the first. This is particularly convenient in printing bill-papers, in which it is desirable that certain prices, items, &c., should properly appear in their respective columns, and it is difficult, except with great care, to put several sheets in the machine in the same position.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The improved indicating attachment for type-writing machines herein described, consisting of the clamp-plates A, having openings *h* and provided with slots *h'*, cut from their edges and adapted to receive a part of the framing of the machine, the screws *m*, turned through plates A into slots *h'*, whereby to bind the plates in place, the supporting-bar B, having its ends fitted to enter the openings *h* in the clamp-plates, and the indicators supported on said bar B, substantially as and for the purposes specified.

LAFAYETTE HANCHETT.

Witnesses:

D. S. LAMBERT,
SILAS HANCHETT.