

No. 719,205.

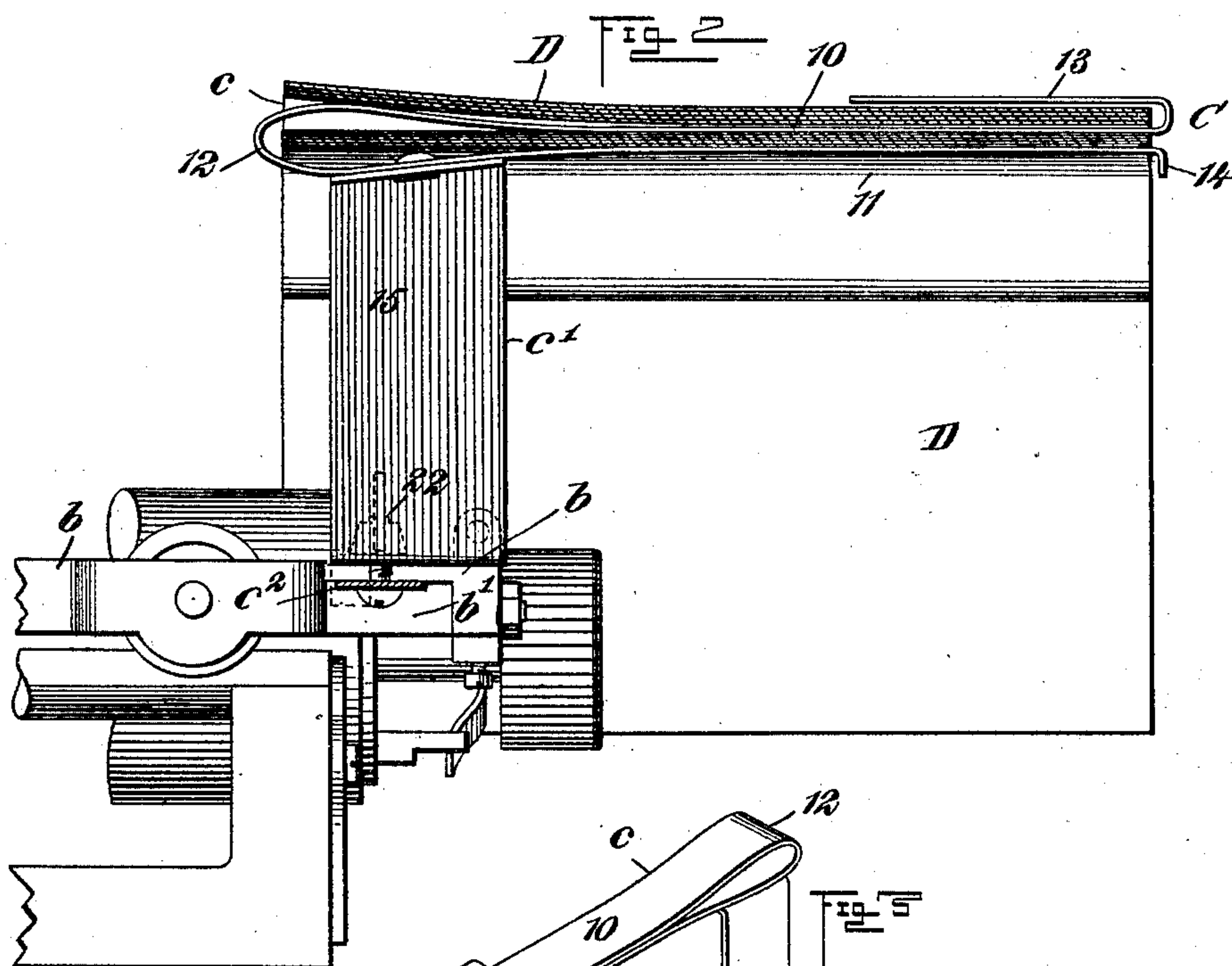
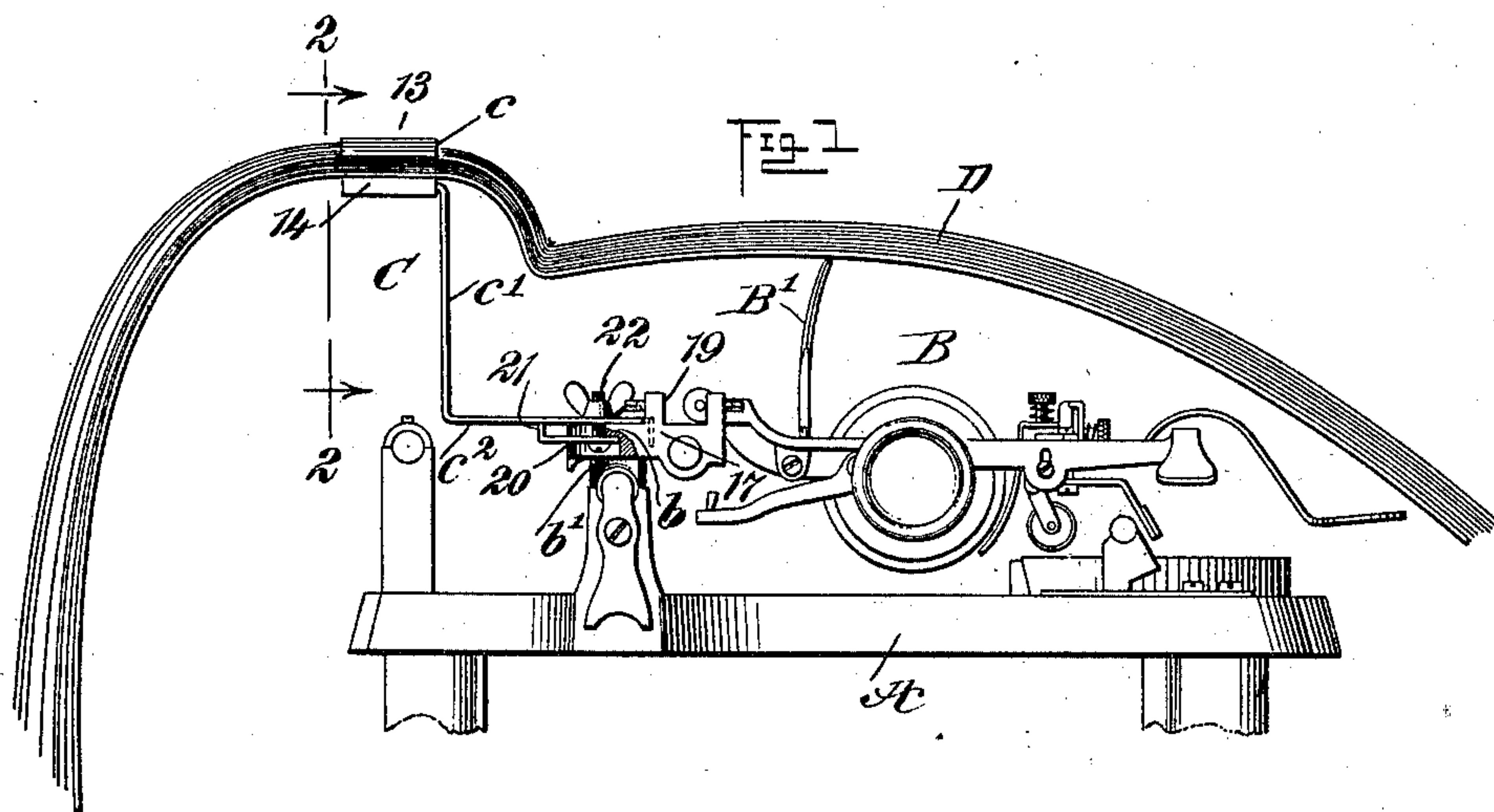
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S. L. ENGEL.

COPY HOLDER FOR TYPE WRITING MACHINES.

APPLICATION FILED MAY 27, 1902.

NO MODEL.



WITNESSES:

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COPY-HOLDER FOR TYPE-WRITING MACHINES.

SPECIFICATION forming part of Letters Patent No. 719,205, dated January 27, 1903.

Application filed May 27, 1902. Serial No. 109,180. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN LOUIS ENGEL, a citizen of the United States, and a resident of the city of New York, borough of the Bronx, in the county and State of New York, have invented a new and Improved Copy-Holder for Type-Writing Machines, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a light, simple, and effective copy-holder particularly designed to receive and hold a book of notes in such manner that the holder attached to the carriage and the book supported by the holder will not in the slightest degree interfere with the operation and manipulation of the carriage and will serve to hold the copy immediately before the operator, thus avoiding the tiresome side glances necessitated when the copy-holder is attached to one side of the frame of the machine or is at one side of the machine and independent thereof.

Another purpose of the invention is to provide a copy-holder capable of application to any type of carriage and which is provided with means conveniently brought into use for holding the leaves as they are thrown back from the body of the book after the notes thereon have been type-written.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the upper portion of the main frame of a Remington type-writer machine and its carriage and a side elevation of the copy-holder applied and a note-book in the holder. Fig. 2 is a vertical section taken practically on the line 2 2 of Fig. 1, and Fig. 3 is a detail perspective view of the copy-holder.

A represents a portion of the main frame of a type-writing machine of the Remington construction; B, the carriage; *b*, the main, rear, or roller bar of the carriage, with which its hinged section is connected, and B' represents the feed-roll release-key.

The copy-holder C is attached to the left-

hand end of the main, rear, or roller bar *b* of the carriage, extending rearwardly therefrom, and said roller-bar *b* of the carriage is shown as slightly broken away in Fig. 1 to better illustrate the manner in which the holder C is removably secured thereto. The roller-bar *b* is thinnest at the rear portion of its left-hand end, where the attachment is made, as is shown at *b'* in Figs. 1 and 2. The construction of the copy-holder is best shown in Figs. 2 and 3, and consists of an upper clamping-section *c*, a shank-section *c'*, and a foot-section *c''*. The upper section *c* is made from a single strip of spring material of suitable width bent upon itself at 12 to form upper and lower parallel clamping members 10 and 11, one immediately below the other, which members are of equal length, and at the outer or free end of the upper member 10 the material is bent inward over the upper member 10 in direction of the loop end of the said upper or clamping member *c*, forming a return member 13, adapted to receive between it and the upper member 10 the leaves of the book after the notes thereon have been copied. This member 13 may be termed a "leaf-retaining" member. Finally, the material of the lower member 11 is bent downward at its free end to form a flange 14, so that a book may be introduced without difficulty between the clamping members 10 and 11.

The shank-section *c'* consists, preferably, of a single metal strip 15, which is attached in any approved manner to the bottom of the clamping-section *c* and extends down at a right angle thereto in such manner that its side surfaces will face the front and the rear of the machine when the device is applied. The foot-section *c''* is continuous with the shank-section *c'*, extends horizontally forward, and is provided with an aperture near its forward end and a lip 17 at its forward end, and when the device is applied to the type of machine illustrated recesses 18 are made in the front end of the foot-section *c''* in order to clear the post 19 of the back or roller bar *b* of the carriage, as is shown in Fig. 1.

In connection with the body portion of the copy-holder just described a fastening device is employed, which consists of an apertured plate 20, having an upwardly-extending flange

21 at its rear end for engagement with the foot-section c^2 , and a screw 22 is passed through the aperture in the plate 20 and through the aperture 16 in the foot-section c^2 , which screw 5 is provided, preferably, with a wing-nut, as is best shown in Fig. 1.

When the device is applied, the foot-section of the device extends across the top of the roller-bar b of the carriage, its lip 17 engaging with the front of said bar, and the plate 20 is brought to an engagement with the under surface of the bar b at the recess b' . The foot-section c^2 and plate 20 are then drawn to clamping engagement with the roller-bar b of the carriage by the screw 22, which passes down at the rear of said bar b , as is shown in Fig. 2.

The front cover of the book D, together with as many leaves as have been copied from, are now passed between the clamping members 10 and 11 of the copy-holder, and the opposing cover and leaves to be copied from extend across the carriage and rest upon the feed-roll release-key B' , as is shown in Fig. 1. The pages of the note-book D will now be constantly in front of the operator and the notes may be conveniently read. When a page of notes has been type-written, the operator can quickly turn the leaf backward and pass it between the upper clamping member 10 and the leaf-retaining member 13 of the device, which in addition to holding the copied pages together enables the operator to note at any time from what point the copy was commenced, and should it be necessary to close the book while in the holder the page from which the last copy was made may be quickly brought into copying position again.

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

1. A copy-holder, comprising two opposing clamping members for holding a book, a leaf-retaining member for retaining the leaves as they are turned over, the said leaf-retaining member being connected with one of said clamping members, and means for attaching the holder to the carriage of a type-writer, as set forth.

2. A copy-holder for type-writers, comprising a body-clamping section having two opposing members, a leaf-retaining section connected with the upper member of the clamping-section, a shank connected with the body-section, and means for attaching said shank to the carriage of a type-writer, as set forth.

3. A copy-holder for type-writers, comprising

a strip of spring material bent upon itself to form upper and lower clamping members, the free end of the upper clamping member being bent inward over the said upper member forming a return member, the lower clamping member having an integral downwardly-extending flange at its free end, a shank consisting of a strip connected with the lower member of the clamping-section and extending downward at right angles thereto, and a horizontal foot-section integral with the shank-section and provided with an aperture near its free end and a lip at said free end, as set forth.

4. The combination with the roller-bar of a type-writer carriage, of a copy-holder, consisting of a body-section comprising opposing clamping members and a return member at the free end of the upper clamping member, a shank extending downward from the body-section, a foot extending at an angle from the shank and adapted to extend across the top of the roller-bar of the carriage, the said foot being provided with an aperture near its free end and a downwardly-extending lip at said free end adapted to engage the front of the roller-bar, an apertured plate having an upwardly-extending flange at its rear end for engagement with the foot-section, the said plate being adapted for engagement with the under surface of the roller-bar, and a fastening device extending through the aperture in the plate and the aperture in the foot-section and serving to clamp the foot-section and plate to the roller-bar of the carriage, as set forth.

5. A copy-holder for type-writers, consisting of a body-section comprising two opposing clamping members and an upper member at the free end of the upper clamping member, the said upper member being spaced from the upper clamping member to receive the leaves of a book, a cover and a portion of the book being received between the clamping members, a shank extending downward at an angle from the said body-section, a foot extending at an angle from the shank, and means substantially as described for securing the said foot to the carriage of a type-writing machine, as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

STEPHEN LOUIS ENGEL.

Witnesses:

GEORGE HENRY SCHUETZ,
J. C. PEIRCE.