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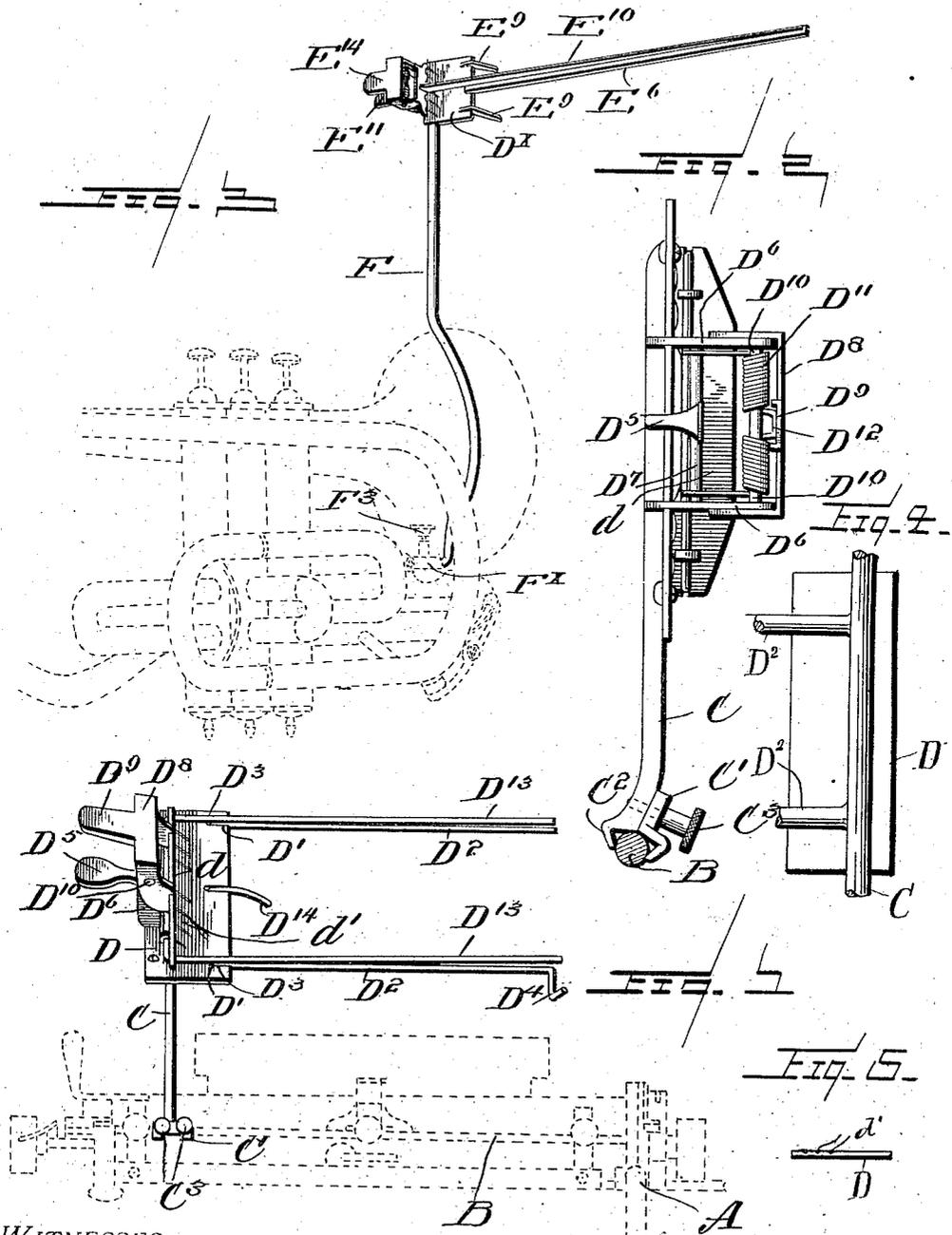
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I. H. P. COLLEEN.

COPY HOLDER FOR CARRIAGES OF TYPE WRITERS, &c.

APPLICATION FILED FEB. 2, 1903.

NO MODEL.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## COPY-HOLDER FOR CARRIAGES OF TYPE-WRITERS, &c.

SPECIFICATION forming part of Letters Patent No. 748,047, dated December 29, 1903.

Application filed February 2, 1903. Serial No. 141,552. (No model.)

*To all whom it may concern:*

Be it known that I, IVAR H. P. COLLEEN, a subject of the King of Sweden and Norway, residing at St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Copy-Holders for Carriages of Type-Writers, &c.; 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in copy-holders which are especially adapted for attachment to the cross-bar of a type-writer or musical instrument; and it consists in the provision of a rack having clamping-jaws for attachment to the cross-bar of the type-writer and the provision of a pivoted jaw adapted to hold the copy against the rack, suitable means being provided to hold the leaves of the copy flat and at a convenient angle to a vertical position, so that the copy may be read without the necessity of the operator turning his or her head.

The invention will be hereinafter more fully described and then specifically defined in the appended claims, and is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form part of this application, and in which drawings—

Figure 1 is an elevation of my improved copy-holder shown as attached to the cross-bar of a type-writer. Fig. 2 is an edge view of the copy-holder. Fig. 3 is a modified form showing the copy-holder as applied to a corner. Fig. 4 is a rear view of a portion of the copy-holder. Fig. 5 is an edge view of the copy-holding plate, showing the serrations *d'*.

Reference now being had to the details of the drawings by letter, B designates the cross-bar of a type-writer, to which my copy-holder is to be attached. The copy-holder comprises the rack, having a supporting-bar C. The lower portion of this bar is slightly curved, as shown, and has an integral jaw C<sup>2</sup>, which is apertured, the walls of said apertures being threaded to receive the threaded

ends of the thumb-screw C<sup>3</sup>. The complementary jaw C', which is separate from the fixed jaw, is apertured for the threaded shank portions of said thumb-screws to pass through. Said thumb-screws are adapted to engage said threaded apertures in the jaw C<sup>2</sup>, and these thumb-screws have shoulders which are designed to contact with the outer face of said complementary jaw C' as the screws are turned in, whereby the jaws C' and C<sup>2</sup> may be held in frictional contact with the bar of the typewriter to securely hold the rack either in an upright or inclined position, accordingly as may be desired. Said supporting-bar C has laterally-projecting rods or strips of metal D<sup>2</sup> on one side thereof, and a plate D is fastened to said bar in any suitable manner. One edge of said plate is recessed, as at D', and said rods D<sup>2</sup> are bent at D<sup>3</sup> up through said recesses and extend in a plane parallel to the plane of said plate, except that the upper longitudinal edge of each rod D<sup>2</sup> extends slightly above the plane of said plate to prevent a copy coming in contact with edge of the plate as it is slid in on the rods D<sup>2</sup> toward the clamping edge of the clip-catch. Integral with said bar C or plate D are the bracket-arms D<sup>6</sup>, and intermediate said bracket-arms is a handle D<sup>5</sup>. A rod D<sup>10</sup> is mounted in apertures in said arms, and a clip-catch D<sup>8</sup> has arms secured to the ends of said rod. A coiled spring D<sup>11</sup> is mounted upon the rod D<sup>10</sup> and has a loop D<sup>12</sup>, bearing against a handle D<sup>9</sup>, integral with the catch D<sup>8</sup>, the ends of the spring bearing against a rod D<sup>7</sup>, supported by the arms D<sup>6</sup>. A jaw *d*, integral with the catch, has projecting from its ends copy-holding rods or strips of metal D<sup>13</sup>, which cooperate with rods D<sup>2</sup> to hold a copy flat, while the jaw *d* holds the copy against the serrations *d'*. One end of the lower rod D<sup>2</sup> is bent, as at D<sup>4</sup>, forming a bracket-arm to support the lower edge of the copy. Intermediate the two rods D<sup>2</sup> is a finger D<sup>14</sup>, which is slightly curved, as shown in Fig. 1 of the drawings, said finger projecting laterally from the plate D, with its upper edge projecting slightly above a plane parallel to the plane of the plate D and provided to cooperate with the rods D<sup>2</sup> for the purpose of preventing a copy being held by the holder

from contacting with the edge of the plate as it is inserted under the jaw of the clip-catch.

It will be seen that the copy is held to the metallic plate D by the clamping edge *d* of the clip-catch D<sup>8</sup> catching it near edge, and it is held flat between the rods D<sup>9</sup> and D<sup>13</sup>.

It will be observed that the bracket-arms D<sup>6</sup> are of sufficient length so that the clamping edge *d* of clip-catch D<sup>8</sup>, which holds a copy against face near edge of copy-holder, will open wide to allow a copy being easily placed between face of copy-holder and clamping edge *d* of the clip-catch D<sup>8</sup>.

In Fig. 3 of the drawings I have shown a slightly-modified form of my copy-holder, in which the shank portion F is held in a socket F<sup>x</sup> of a conical form by means of an adjusting-screw F<sup>9</sup>. In the modified form I have shown a plate D<sup>x</sup> as having the usual clip-catch E<sup>13</sup> and a handle E<sup>11</sup>, and instead of two rods projecting from the jaw of the clip-catch I provide one rod E<sup>10</sup> and a single rod E<sup>6</sup>, projecting from the plate D<sup>x</sup> and cooperating with the rod E<sup>10</sup> to hold the copy in place. At the edges of the plate D<sup>x</sup> are two curved fingers E<sup>9</sup>, which are provided to prevent a copy coming in contact with the edge of the plate when adjusted in place upon the copy-holder.

From the foregoing it will be observed that by the provision of a copy-holder embodying the construction illustrated in the drawings a book or other copy may be held directly in front of the operator and not necessitating the turning of the head of the operator, as is commonly the case with holders which are held to one side of the machine. It will be observed that this copy-holder (shown in Fig. 1) may be readily attached to the cross-bar of various makes of type-writers and is adapted to move with the carriage of a type-writer machine. The angle at which the copy is disposed may be regulated by tilting the copy-holder forward or backward, holding the same at any desired angle, and by the provision of the clip-catch a copy or book is held securely to the plate, while the arms or rods projecting from the jaw serve to hold the pages of the book or copy flat.

While I have shown a particular construction of device embodying the details of my invention, it will be understood that I may make alterations in the details of the same without departing from the spirit of my invention.

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

1. A copy-holder for type-writers comprising a plate, a rod or shank portion secured thereto, clamping members adapted to fasten said shank portion to the cross-bar of the carriage or other portion of the frame of a type-writer, a clip-catch, copy-supporting rods or strips of metal projecting from said shank portion, and having their upper longitudinal edges disposed in a plane slightly above the plane of said plate to prevent a copy coming in contact

with edge of the plate as it is slid in on said rods toward clamping edge of the clip-catch jaw, a spring-actuated clip-catch adapted to hold a copy on said plate, and extensions from the jaw of the clip-catch adapted to hold the copy flat upon the extensions of the plate, as set forth.

2. A copy-holder comprising a plate, serrations upon one face of said plate, a supporting-rod to which said plate is attached, jaws for attaching said plate-supporting rod to the cross-bar of the carriage or other portion of the frame of a type-writer, rods or strips of metal projecting laterally from said plate, integral ears on the plate, a spring-actuated clip-catch pivoted to said ears, a jaw integral with said clip-catch and adapted to cooperate with a serrated edge of said plate to hold the edge of a copy against the face near edge of said plate, and rods or strips of metal projecting from said jaw, and at locations over the rods projecting from said plate, and adapted to hold the copy flat against the rods projecting laterally from edge of plate, as set forth.

3. A copy-holder for type-writers comprising a plate with serrations on one face thereof, a rod secured thereto and having clamping-jaws adapted for attachment to the cross-bar of the carriage or other portion of the frame of a type-writer, integral ears projecting from said rod, a handle intermediate said ears and integral with the rod or plate, a spring-actuated clip-catch pivoted to the ears, a jaw integral with said clip-catch and adapted to cooperate with serrations on the face near edge of the plate to hold a book or copy, rods projecting from said jaw, and lateral projections from said plate, as set forth.

4. A copy-holder for type-writers comprising a copy-holding plate, a rod or shank portion secured thereto, jaws for attaching said shank portion to the cross-bar of the carriage or other portion of the frame of a type-writer, integral ears on plate, a clip-catch pivotally mounted upon said ears, a jaw integral with the clip-catch, rods projecting from said jaw, and rods secured to the shank portion of the copy-holder and projecting through recesses in the edge of said plate, as set forth.

5. A copy-holder for type-writers comprising a plate, a rod fastened thereto, one end of said rod being formed into an integral jaw, a movable jaw, and set-screws for holding said jaws in clamping relation against the cross-bar of the carriage or other portion of the frame of a type-writer, integral ears upon said rod forming the shank portion of the copy-holder, a spring-actuated clip-catch pivotally mounted on said ears, a jaw integral with the clip-catch, and rods projecting from said jaw, and rods extending laterally from the edge of said plate, as set forth.

6. A copy-holder for type-writers comprising a plate, a shank portion to which said plate is attached, one end of said shank portion being formed into an integral jaw, a movable jaw and shouldered screws for hold-

ing said jaws in clamping relation with the cross-bar of the carriage or other portion of the frame of a type-writer, integral ears upon said shank portion, a fixed handle intermediate said ears, a spring-actuated clip-catch, an integral jaw on the latter, rods projecting from said jaw, and laterally-extending rods secured to said shank portion and bent so as to be held in recesses in the edge of said plate, as set forth.

7. A copy-holder for type-writers comprising a plate, a shank portion to which said plate is secured, clamping means for holding the same to the cross-bar of the carriage or other portion of the frame of a type-writer, parallel rods secured to said shank portion, and held in recesses in the edge of said plate, a curved finger projecting from one edge of said plate and intermediate said rods, integral ears upon said shank portion, a handle intermediate said ears, a spring-actuated clip-catch mounted upon said ears, a jaw integral with the clip-catch, and laterally-projecting rods secured to said jaw, as set forth.

8. A copy-holder for type-writers comprising a plate, a rod or shank portion secured thereto, and jaws for holding the same upon the cross-bar of the carriage or other portion of the frame of a type-writer, rods D<sup>2</sup> secured

to said shank portion and extending through recesses D' in the edge of the plate, the free end of one of said rods being bent at an angle forming a copy-support, a curved finger projecting from a plate intermediate said rods, ears integral with said shank portion, a fixed handle intermediate said ears, a clip-catch pivoted upon said ears, a spring carried by a rod upon which said catch is pivoted, an integral jaw on said clip-catch, and rods projecting from said jaw, as set forth.

9. A copy-holder for type-writers or other instruments comprising a plate, a shank portion to which said plate is connected, integral ears upon said shank portion, a fixed handle intermediate said ears, a clip-catch pivotally mounted upon said ears, a jaw integral with the clip-catch, a laterally-projecting rod upon said jaw, a rod extending laterally from one edge of the plate, and a plurality of curved fingers upon the edge of the plate projecting slightly beyond the front face of the plate, as set forth.

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

IVAR H. P. COLLEEN.

Witnesses:

A. L. HOUGH,  
FRANKLIN H. HOUGH.