(No Model.)

C. E. BROOKS.

COPY HOLDER FOR TYPE WRITERS, &c.

No. 595,140. Patented Dec. 7, 1897.

FIG. 1.

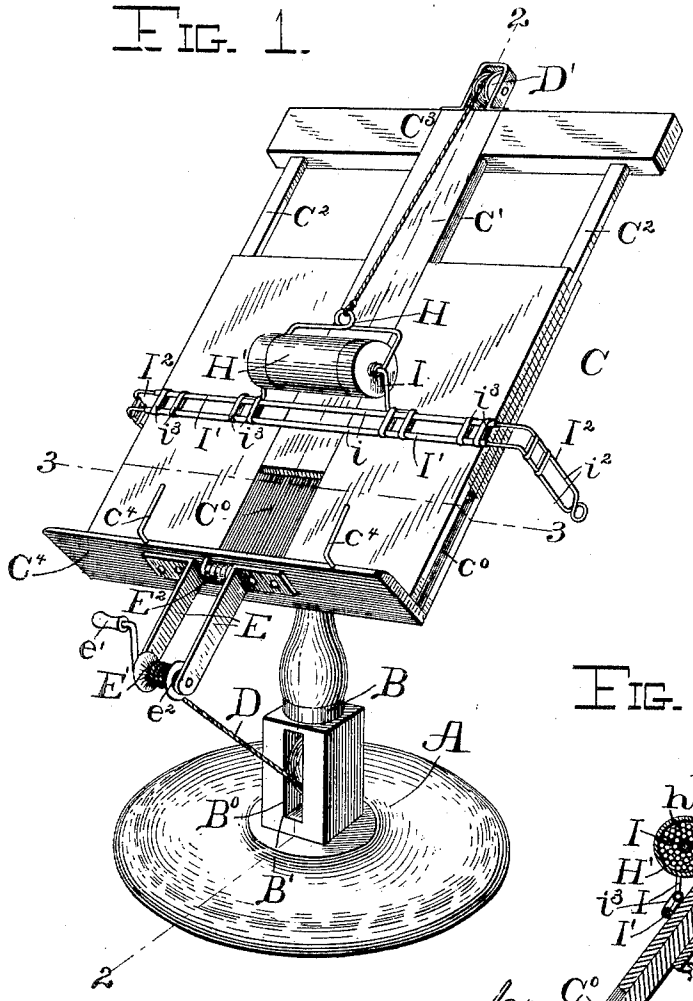


FIG. 2.

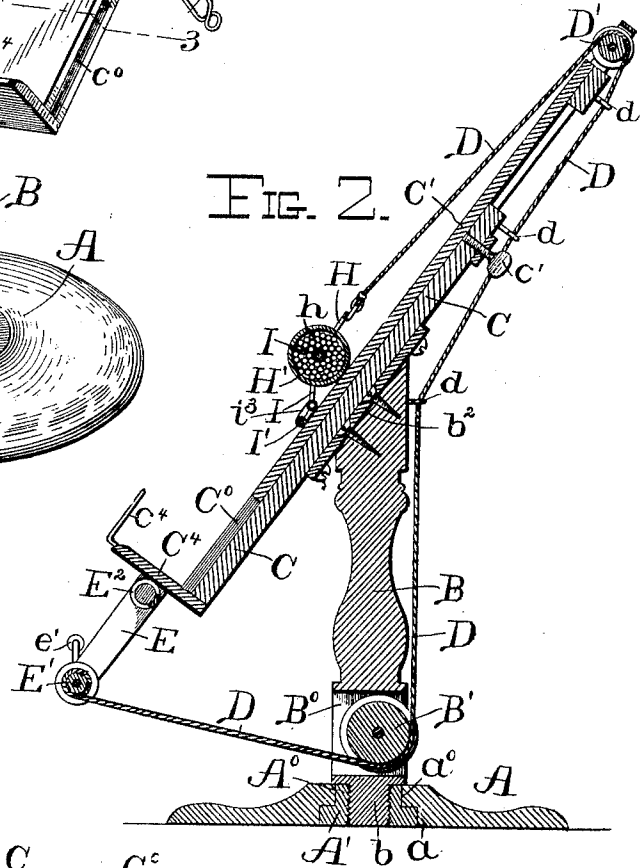
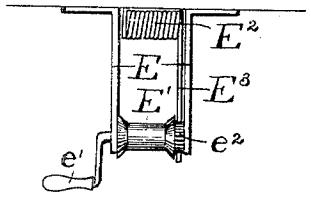


FIG. 4.



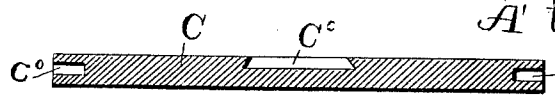


FIG. 3.

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UNITED STATES PATENT OFFICE.

CHARLES E. BROOKS, OF LONDON, ENGLAND.

COPY-HOLDER FOR TYPE-WRITERS, &c.

SPECIFICATION forming part of Letters Patent No. 595,140, dated December 7, 1897.

Application filed April 16, 1897. Serial No. 632,446. (No model.) Patented in England October 28, 1886, No. 24,043.

To all whom it may concern:

Be it known that I, CHARLES ERNEST BROOKS, a subject of the Queen of Great Britain, residing at 92 Lansdowne Road, South Lambeth, London, in the county of Surrey, England, have invented a certain new and useful Improvement in Copy-Holders for Type-Writers, Compositors, and the Like, (for which I have obtained British Patent No. 24,043, dated October 28, 1896,) of which the following is a specification.

My invention relates to improvements in copy-holders, and has for its object to provide an improved means for holding a sheet or number of sheets of manuscript or other writing or printing while being copied from by a type-writer operator or being set up in type by a compositor, whereby time and labor are saved and mistakes avoided.

My invention will be understood by reference to the accompanying drawings, wherein the same parts are indicated by the same letters throughout the several views.

Figure 1 is a perspective view of my improved copy-holder. Fig. 2 represents a vertical section taken on the line 2 2 in Fig. 1. Fig. 3 represents a section, taken on the line 3 3 in Fig. 1, across the copy-rest; and Fig. 4 represents a plan view of the reel used in winding the cord which moves the line-marker.

The copy-holder is in the form of a stand having a base A, an upright standard B, and an inclined copy-rest C.

The base A is composed, preferably, of cast-iron or some other heavy material, so as to hold the stand against being accidentally upset. In the center of this base-piece A a square recess a is formed from beneath and extends but partially through the said base-piece, while a smaller circular opening a^0 is formed from above and communicates about midway of the thickness of said base-piece with the said square opening a therein. A nut having a squared body A′, adapted to fit the opening a, and a reduced cylindrical portion A^0 fits into these openings in the said base-piece A from beneath, and the screw-threaded shank b on the lower end of the standard B screws into said nut, thus holding the said shank securely and rigidly upon the base A.

The standard B is bifurcated near its lower end, as at B^0, and a pulley B′ is mounted in said bifurcation for guiding the cord D, as hereinafter more fully described.

The upper end of the standard B is beveled, as shown at b^2 in Fig. 2, and upon this beveled portion of the upper end of said standard the inclined copy-rest is secured as shown in Fig. 2 or in any other convenient manner.

In the center of the body portion C of the copy-rest is formed a dovetailed groove C^0, and in each side edge is formed a straight groove c^0, as seen most clearly in Fig. 3. An extensible frame composed of a dovetailed strip C′, which engages and slides in the dovetailed groove C^0, and a pair of outer strips C^2, which engage and slide in the outer grooves c^0 c^0, connected at their upper ends by a cross-head C^3, is mounted upon the copy-rest C, and is held at the desired adjustment by means of a clamping-screw c', which is adapted to bear upon the central strip C′, as seen in Fig. 2. By means of this extensible frame the copy-rest may be adjusted in length to accommodate sheets of various lengths, as will be obvious.

A strip or foot-piece C^4 is mounted upon the lower edge of the copy-rest C for the lower edges of the sheets to rest upon, and is preferably provided with a plurality of angular fingers c^4, which extend upwardly over the copy-rest C and prevent the accidental displacement of the upper sheets and assist in holding the copy securely. A pair of arms E E are rigidly mounted upon this foot-piece C^4, and between these arms is mounted a reel E′, which may be turned by means of a crank e'. A coil-spring E^2, having a spring-arm E^3 thereon, is mounted between these arms E E, and the said spring-arm bears upon a toothed wheel e^2, fast on the shaft of the reel E′, and serves as a brake to retard the rotation of the said reel.

A flexible cord D is secured at one end to the reel E′ and is passed beneath and around the pulley B′ in the bifurcation B^0 of the standard B, and thence upward through guides d d d upon the back of the stand, and forward over and around a second pulley D′, mounted upon the cross-head C^3, and thence downward along the face of the strip C′ and copy-rest C and is connected to a wire loop H, which carries the roller H′. This roller

H′ is preferably composed of a hollow shell, which is filled with shot or other suitable weighty substance *h*, and has a wire I passing loosely therethrough upon which the said roller may turn and to which the end of the said loop H is connected, as seen in Fig. 1. This roller, however, may be cast solid, if desired.

The ends of the wire I are bent downwardly and are connected to the line-indicator I′, which latter is carried thereby. This line-indicator I′ is composed of a pair of straight parallel tubes *i i*, connected a short distance from each other and parallel to each other by strips i^3 i^3, soldered upon said tubes, the length of said tubes being equal to the width of the copy-rest C. A pair of right-angle frames I^2 I^2, composed of wires i^2 i^2, the ends of which wires fit easily into the ends of the said tubes, as seen in Fig. 1, are provided to allow the said line-indicator to be extended to accommodate sheets of varying widths.

The operation of my device is as follows: The extensible frame is adjusted by means of the clamping-screw *c′* to suit the length of the sheet or sheets to be copied from, and the angular wire frames I^2 I^2 are adjusted to suit the width of the said sheet or sheets. The sheet or sheets are then laid upon the copy-rest C in the usual manner, the roller H′ and the line-indicator I′ resting upon the face of the upper sheet. The said roller and the line-indicator are then wound up to the top of the sheet by means of the reel E′ and cord D and the said line-indicator adjusted to mark the first line. As the copying progresses the reel E′ is turned, by means of the crank *e′*, to mark each successive line to the bottom of the page, when the roller and indicator are again wound up to the top of the sheet. The weight of the roller H′ will cause the said roller, and with it the line-indicator, to descend as the cord D is unwound from the reel, as will be obvious.

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

1. In a copy-holder, a line-indicator consisting of two parallel tubes, wires bent at right angles and secured in said tubes, a heavy roller, wires connecting said tubes and roller and a wire loop loosely fastened to the axis of said roller, in combination with means connected to said loop to hold said indicator in any desired position, substantially as described.

2. In a copy-holder, the combination with a centrally-apertured standard; an extensible copy-rest; guide-pulleys mounted upon said standard and said copy-rest; and a winding-reel mounted upon the lower end of said copy-rest; of a line-indicator having extensible end frames thereon bent at right angles thereto; a heavy roller connected to said line-indicator; and a cord passing from said winding-reel around said guide-pulleys and connected to the axis of said roller, substantially as described.

3. In a copy-holder, the combination with a centrally-apertured standard; a pulley mounted in said aperture; an extensible copy-rest mounted upon said standard; a guide-pulley mounted upon the upper portion of said copy-rest; and a winding-reel mounted upon the lower portion of said copy-rest; of a longitudinally-extensible line-indicator; a roller connected to said line-indicator; and a cord passing from said winding-reel around said guide-pulleys and connected to the axis of said roller, substantially as described.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

CHAS. E. BROOKS.

Witnesses:
I. S. WILKINSON,
P. LOVELL. H. CANNING.

Correction in Letters Patent No. 595,140.

It is hereby certified that in Letters Patent No. 595,140, granted December 7, 1897 upon the application of Charles E. Brooks, of Birmingham, England, for an improvement in "Copy-Holders for Type-Writers," an error appears requiring correction, as follows: The English patent previously obtained for the said invention is erroneously described in the printed heading of the specification as "October 28, 1886, No. 24,043," whereas it should have been described as *October 28, 1896, No. 24,043;* and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 15th day of February, A. D., 1898.

[SEAL.]

WEBSTER DAVIS,
Assistant Secretary of the Interior.

Countersigned:

A. P. GREELEY,
Acting Commissioner of Patents.