

(No Model.)

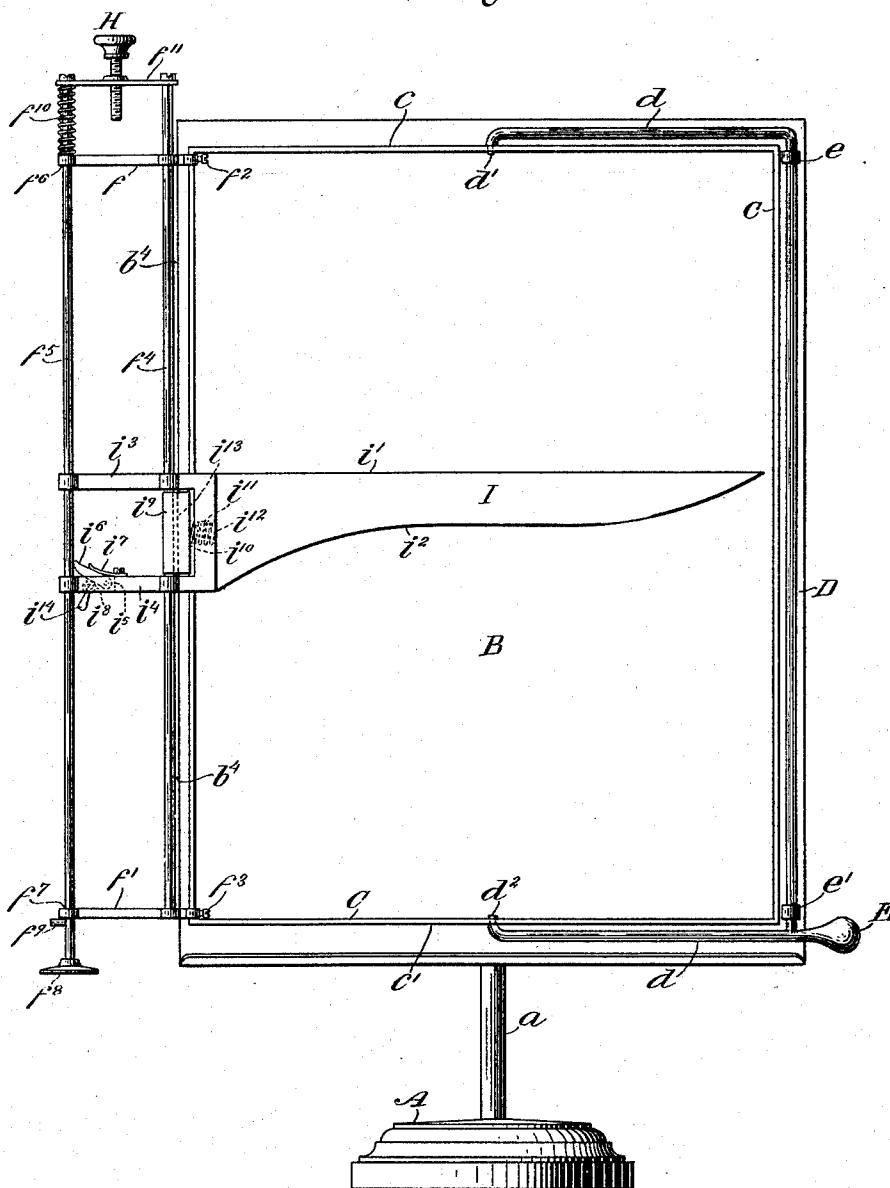
2 Sheets—Sheet 1.

R. H. ROSS.
COPY HOLDER.

No. 518,652.

Patented Apr. 24, 1894.

Fig: 1



Witnesses:
Thomas M. Smith,
Richard C. Maxwell.

Inventor,
Robert H. Ross,
By J. Walter Douglass,
Attorney.

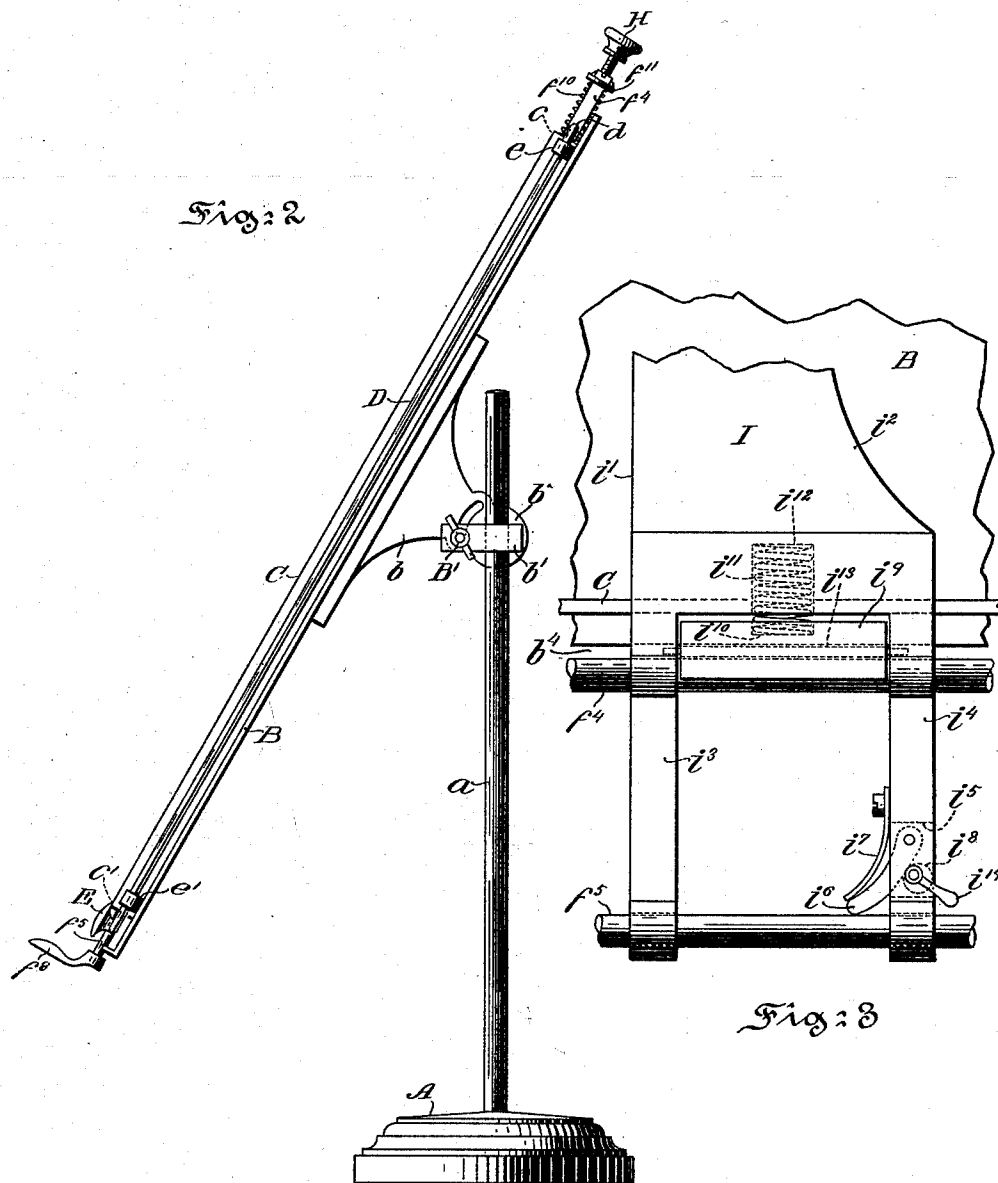
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UNITED STATES PATENT OFFICE.

ROBERT H. ROSS, OF PHILADELPHIA, PENNSYLVANIA.

COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 518,652, dated April 24, 1894.

Application filed January 18, 1894. Serial No. 497,237. (No model.)

To all whom it may concern:

Be it known that I, ROBERT H. ROSS, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Copy-Holders, of which the following is a specification.

My invention relates to devices adapted to hold manuscript and printed matter during transcribing or recomposition of the same and such as are generally designated as copy-holders and line indicators; and it relates more particularly to the construction and arrangement of such an appliance.

The principal objects of my invention are, first, to provide a simple, inexpensive, durable and reliable copy-holder and line indicator; second, to provide a holder and indicator with effective means for permitting of the insertion and maintenance of manuscript or printed matter in required position so as to insure in the manipulation of the device accurate alignment and spacing of the matter to be transcribed therefrom; and third, to provide an appliance with a line indicator having means adapted to be readily manipulated so as to permit of the shifting of the same in one direction to secure alignment and by the operation of a spring controlled rod and the adjustment of a spacing device connected therewith controlling with accuracy the position of the indicator with respect to the matter held by the device in order to secure effective action in operation in the transcribing of the matter taken therefrom.

My invention stated in general terms consists of a copy-holder and line indicator constructed and arranged substantially in the manner hereinafter described and claimed.

The nature and characteristic features of my invention will be more fully understood from the following description taken in connection with the accompanying drawings forming part hereof; and in which—

Figure 1, is a front elevational view of a copy-holder and line indicator embodying features of my invention. Fig. 2, is a side elevational view of a device supported from the stem of a base or stand by a pivotal or swivel connection; and Fig. 3, is an enlarged eleva-

tional view of the line indicator detached from the copy-holder, showing the detail construction and arrangement of the parts thereof. 55

Referring to the drawings A, is a base or stand of any preferred construction provided with a removable stem *a*.

B, is a rectangular-shaped tablet provided on the back thereof with a bracket or support *b*, with two clamping jaws *b'* and *b''*, and a jam nut or tightening device *B'*, for adjustably securing the stem *a*, of the base or stand A, thereto. 60

C, is a rectangular frame adapted to seat with the face of the tablet B, in its normal position and provided with a releasing device D, consisting of the inverted U-shaped lever arm *d*, having inwardly projecting end lugs *d'* and *d''*, journaled to the top and bottom walls *c* and *c'*, of the frame C. This lever-arm *d*, by means of loops or staples *e* and *e'*, is pivotally connected with the tablet B, and manipulated by a finger E. This lever-arm *d*, is arranged so that by pressure exerted against the finger E, the frame C, may be raised sufficiently from the tablet B, to permit of the insertion of manuscript or printed matter onto the same as illustrated in Figs. 1 and 2, and so as to allow of the manipulation of the line indicating device to effect the transcribing of matter held on the tablet B, line by line therefrom, until the end of the sheet has been reached. 70

At the left hand end of the frame C, at the top and bottom thereof are detachably secured arms or supports *f* and *f'*, by means of screws *f''* and *f'''*, for example, as illustrated in Fig. 1, or in any other preferred manner. *f''*, is a vertical rod secured into the arms or supports *f* and *f'*, and projecting some distance above the same. The rod *f''*, is disposed beyond the range of the left hand edge of the tablet B, and so as to leave a narrow space *b''*, for a purpose to be presently described. 75

f''', is a vertical rod extending through circular openings *f''* and *f'''*, provided in the arms or supports *f* and *f'*. This rod *f'''*, at the base thereof is provided with a knob *f'''*, for permitting of the fingers being brought into engagement therewith for actuating the same. 80

f''', is a back stop-pin adapted to control the range of movement of the rod *f'''*, under the tension of the helical or coiled spring *f''''*, 100

seated to said rod between the arm or support f , and a spanning strip f^{11} , provided with an adjustable spacing screw or similar device H, and engaging at its opposite end with the vertical rod f^4 , and afforded by the actuating of the spring controlled rod f^5 , by means of the knob f^8 , a range of up and down movement, but limited by the position of the screw H, projecting downward through the spanning strip f^{11} .

I, is a line indicating device, comprising a longitudinal pointer or finger of preferably the form or shape illustrated in Fig. 1. The finger or pointer has on one side a straight edge i' , and on the opposite side a curved contour i^2 , and in rear two horizontal arms i^3 and i^4 , with openings therein for embracing the rods f^4 and f^5 , so as to be permitted to slide up and down thereon.

i^9 , is a feathered rectangular block pivotally or otherwise seated between the horizontal arms i^3 and i^4 , and provided on the right hand side thereof with a recessed seat i^{10} , for the reception of one end of a coiled spring i^{11} , engaging a socket or chamber i^{12} , which is provided in the rear portion of the pointer or finger I, for the reception of the same, and the projection or feather i^{13} , of the block i^9 , normally engages in the narrow space b^4 , and so that the feather of the block may bear with a friction against the rod f^4 , in the different positions of the line indicating device I. The arm i^4 , of the indicating device I, is recessed at i^5 , for the reception of the pivotal buffer or pawl i^6 , of rubber or other suitable material and which is caused to normally contact with the surface of the rod f^5 , by means of a leaf or other spring i^7 . Beneath the buffer or pawl i^6 , and connected with the arm i^4 , is a cam i^8 , with an operating lever arm i^{14} , for releasing the buffer or pawl i^6 , from its engagement with the rod f^5 , in order to permit of the shifting by hand of the line indicating device to any desired position on the tablet B, containing the manuscript or printed matter and in order that by the manipulation of the knob f^8 , the device I, may be automatically caused to assume the required position in alignment with the matter of the tablet B, to effect the transcribing thereof and so that thereafter by simply shifting by hand the indicating device I, the same may be brought to its true position with each subsequent line of matter to be transcribed, without any special care exercised, because the arrangement is such, that after the line indicating device I, is once set the exact space between lines will be obtained and controlled by means of the screw H.

The operation of the copy holder and line indicator hereinbefore described is as follows:—The several parts of the device being in the position illustrated in Fig. 2, the finger E, is depressed by hand in order to free the frame C, and the parts supporting and controlling the line indicating device I, from the tablet B. The matter in manuscript or other

form to be transcribed is then inserted by hand between the frame C, and the tablet B, and the finger E, allowed to return the parts to their initial positions, for example, as illustrated in Fig. 1. The line indicating device I, is manipulated by hand after having caused the cam i^8 , by means of its lever arm i^{14} , to disengage the spring buffer or pawl i^6 , from the rod f^5 , so as to occupy a position parallel with a line of printed matter or manuscript of the tablet B, when by a reverse movement of the lever arm i^{14} , the cam i^8 , is disengaged from the buffer or pawl i^6 , which by means of the spring i^7 , contacting with the top surface thereof causes the same to frictionally engage the vertical rod f^5 , to maintain the line indicating device I, in its true position and in alignment with the manuscript or printed matter. The adjustable spacing screw H, is then manipulated in order to secure the proper space between lines of said matter, as illustrated in Fig. 1, being the distance indicated between the base of the screw and the top surface of the arm f , which will be uniformly the space between lines of matter to be transcribed held to position on the tablet B. The line indicating device I, is then manipulated by hand and the fingers placed on the knob f^8 , to draw down the spring controlled rod f^5 , provided with a back-stop or pin f^9 , and when the fingers are released from the knob f^8 , the spring f^{10} , under compression will operate to raise the line indicating device I, to its required position and so as to be held thereat by the spring buffer or pawl i^6 , in frictional contact with the rod f^5 , with the straight edge i' , of the device I, parallel with the line of matter on the tablet B. In a word, in proper alignment therewith and so in regular succession the device I, can be manipulated to effect similar results and until the entire matter of the tablet B, has been transcribed, when by depressing the finger E, the frame C, and the devices actuated and connected therewith may be released and other matter inserted for effecting the transcribing of the same.

It will be manifestly obvious that as to minor details modifications may be made without departing from the spirit of my invention; and hence I do not wish to be understood as limiting myself to the precise construction hereinbefore explained; but

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

1. A copy-holder and line-indicator, comprising a tablet adjustably supported to the stem of a stand or base, a skeleton frame movably connected with the projecting ends of a lever-arm pivoted to said tablet and provided with an operating finger, arms connected with said frame and supporting vertical rods, whereof one is movable and is provided with a coiled spring, a back stop and a knob and whereof the other is stationary, a spanning

strip with an adjustable screw in sliding engagement therewith, a line indicating device provided with a straight edge and two arms embracing said rods, and one of said arms provided with a spring buffer or pawl and a cam-lever, and a spring positioned block engaging the arms of said indicating device and provided with a feather frictionally contacting with one of said vertical rods, substantially as and for the purposes set forth.

2. A copy-holder and line-indicator, comprising a tablet adapted to support manuscript or other matter, a line indicator provided with two arms embracing fixed and movable rods, a spring buffer or pawl and releasing device, the movable rod provided with a spring, a back-stop and a knob, a spanning-strip with a space adjusting device, said strip in sliding engagement with the fixed rod and means connected with said indicator and held under spring tension in frictional contact with

said fixed rod, substantially as and for the purposes set forth.

3. A copy-holder and line-indicator, comprising a tablet adjustably supported from the stem of a stand or base and having a frame with a pivotal lever-arm having an operating finger, a line indicator provided with a spring buffer or pawl for maintaining the same in contact with a movably supported spring controlled rod with a back-stop and a spanning-strip with an adjusting screw in sliding engagement with a fixed rod, substantially as and for the purposes set forth.

In testimony whereof I have hereunto set my signature in the presence of two subscribing witnesses.

ROBERT H. ROSS.

Witnesses:

RICHARD C. MAXWELL,
THOMAS M. SMITH.