

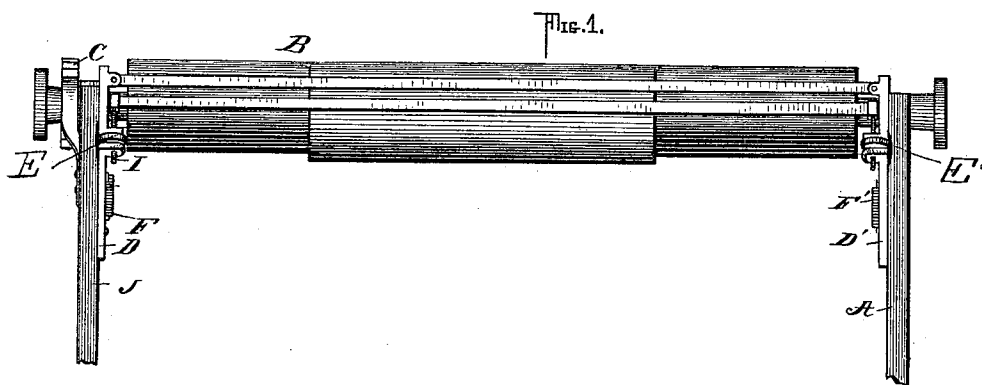
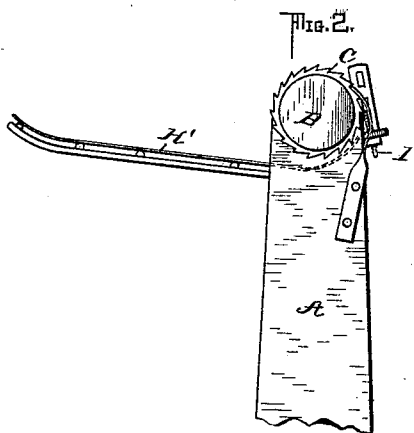
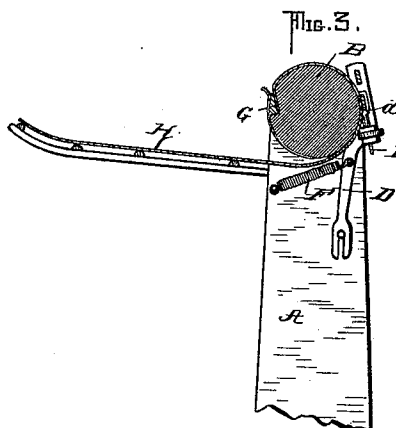
(No Model.)

A. HAYWARD, Jr.

COPY HOLDER.

No. 339,770.

Patented Apr. 13, 1886.



WITNESSES.
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UNITED STATES PATENT OFFICE.

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COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 339,770, dated April 13, 1886.

Application filed September 11, 1885. Serial No. 176,812. (No model.)

To all whom it may concern:

Be it known that I, ABNER HAYWARD, Jr., a citizen of the United States, residing at New York, N. Y., have invented new and useful Improvements in Copy-Holders, of which the following is a specification.

This invention relates to copy-holders, designed particularly for use in connection with type-writers, though capable of use in all cases where it is desirable to hold the manuscript to be copied from in a convenient position to be read.

The object of my invention is to produce a copy-holder so constructed that the eye of the copyist will be directed at all times to that portion of the matter upon which he is engaged. Further, the object is to furnish simple, effective, and economic means for moving the manuscript gradually forward as the work of copying is accomplished, and for retaining it in position. Further, the object is to produce means whereby only that part upon which the copyist is at work shall be exposed to view, the opening by which the manuscript is visible being variable so that any desired number of lines may be exposed at once, and the device adapted for use with manuscript in which the lines are situated any distance apart.

With these objects in view my invention consists, essentially, of a roll mounted in suitable bearings, and provided with means for retaining the end of the manuscript, and two strips or slats arranged contiguous to said roll, and having a space between them, through which the writing of the manuscript is exposed, the said strips being so arranged as to be capable of being moved to increase or diminish the space between at will; and, further, the invention consists of various details whereby the strips or slats may be moved away from the roll, to compensate for the increased thickness of the roll, as the paper is wound, to move the copy forward, and the roll rendered capable of being rotated by hand from either end and retained in any position to which it may be turned; and, finally, in means for supporting the paper from which the copying is done, and holding it up out of the way.

In order that others skilled in the art may know how to make and use my invention, I will now proceed to describe the same in con-

nection with the accompanying drawings, in which—

Figure 1 is a front view of the holder, showing a piece of manuscript in position to be copied. Fig. 2 is a side view of the holder, and Fig. 3 is a detail view showing the arms by which the strips or slats, which bear on the manuscript and indicate the line to be copied, are held.

In the drawings, A A represent two uprights or standards, which may be attached to a suitable base and rested upon a table or desk, or attached to the frame of a type-writer, as desired. The upper ends of these uprights are provided with bearings, in which rest the ends of a roll, B, upon which the sheet to be copied is wound. At each end of this roll is placed a handle or knob to be grasped in turning the roll, and upon one or both ends I secure a notched disk, C, which is engaged by a spring-pawl secured to the upright, and by which the roll is retained at any desired position to which it may be turned.

The preferred means of attaching the sheet of paper to be copied to the roll is by the spring-actuated clip G, which is situated in a groove provided for its reception in the face of the roll. When this clip is in its normal position, its outer face is on a plane with the surface of the roll, so that no unevenness is made by it in the roll formed by winding the copy upon the roll.

H H' represent two wires secured to the frame and extending rearward, upon which the paper rests prior to being wound upon the roll, and is held up out of the way.

D D' represent two arms or brackets provided with bifurcated lower ends, which inclose pins or studs upon the standards, and upon which they are free to rotate. At the extreme upper ends of these arms are permanently secured the ends of the upper strips. The ends of the lower strips are inclosed in the upper ends of screw-rods I. The said strip is moved up and down with these rods.

In order to guide the movable strip and retain it in proper position, I provide the screw-rods with lugs, which take into slots d in the arms, as shown.

As a convenient means of raising and lowering the strip, I provide the thumb-screws E

E', one mounted in each of the brackets, and entered by one of the screw-rods.

In order that the strips may be held in such a manner as to be capable of being moved outward as the size of the roll increases, I provide the springs F' E', which are attached at one end to the uprights and at the other to the brackets, upon which the slats are mounted. These springs are of sufficient strength to hold the slats in place against any accidental displacement, and at the same time may be readily overcome by the outward pressure caused by the increased size of the roll.

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

1. The combination, in a copy-holder, of the roll upon which the paper is wound and the strips having a space between them, one of said strips being movable, whereby the space may be increased or diminished.

2. The combination, in a copy-holder, of the roll provided with the spring-clip and the stationary and movable strips having a space between them and held against the roll by flexible means, substantially as described.

3. The combination, in a copy-holder, with the roll provided with the knobs at each end and the notched wheel, of the spring-pawl secured

to the frame of the device and the strips bearing against the roll, and having a space between them, for the purpose set forth.

4. The combination, in a copy-holder, of the roll mounted in suitable bearings, the strips mounted in the arms, the upper strip being stationary and the lower one movable, and the spring attached at one end to the frame and at the other to the arms, substantially as described.

5. The combination, in a copy-holder, of the roll mounted in a suitable frame, the brackets having the stationary stud secured at its upper end, the screw-bolts carrying the movable strip, and the thumb-screws mounted in the arms and receiving the screw-bolts, and the springs for retaining the strips in position against the roll.

6. In combination with the roll, the strips having a space between them and held against the rolls and the wires secured to the frame and extending rearward, as described.

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

ABNER HAYWARD, JR.

Witnesses:

ALBERT L. PHILLIPS,
STEPHEN PFEIL.