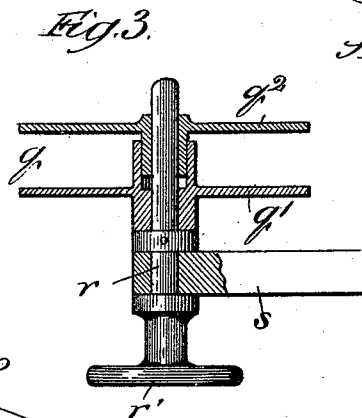
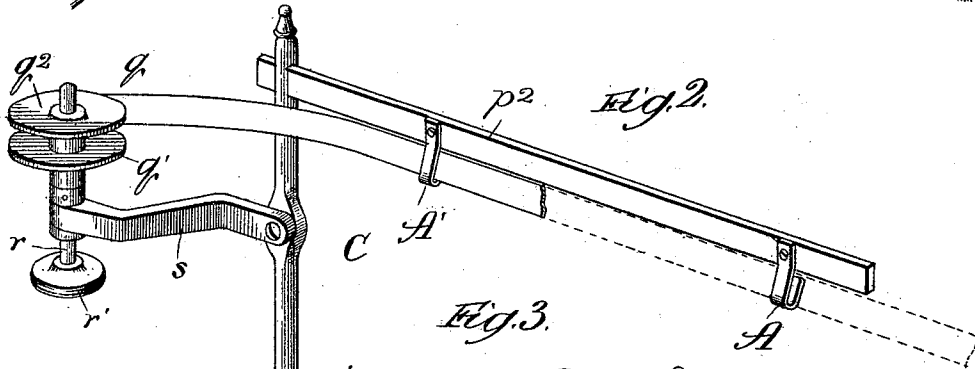
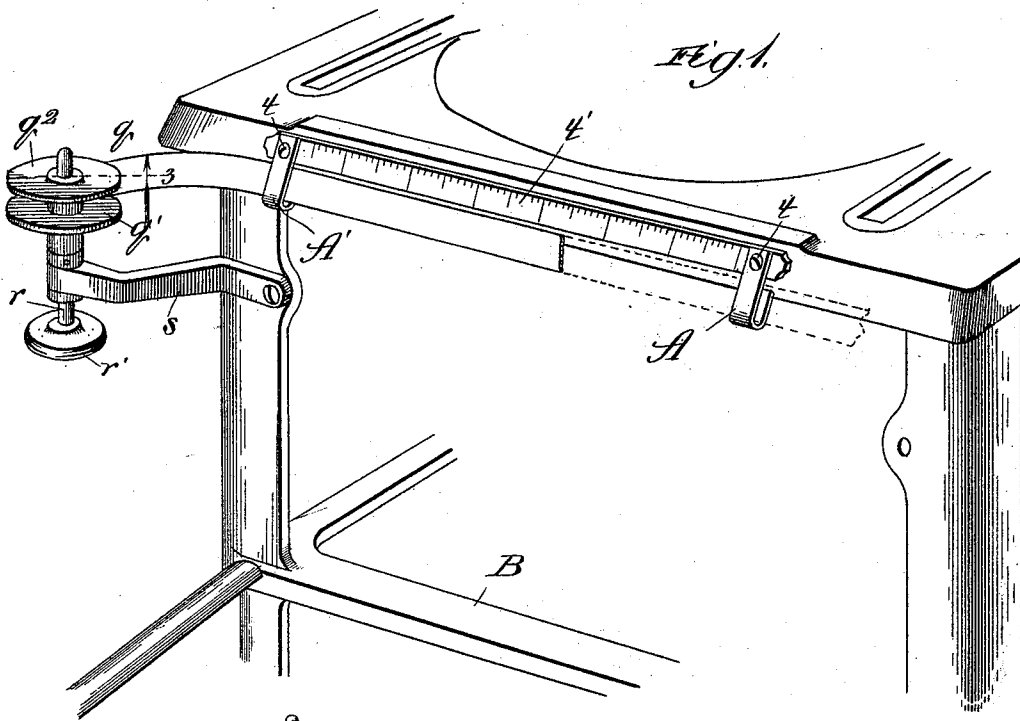


(No Model.)

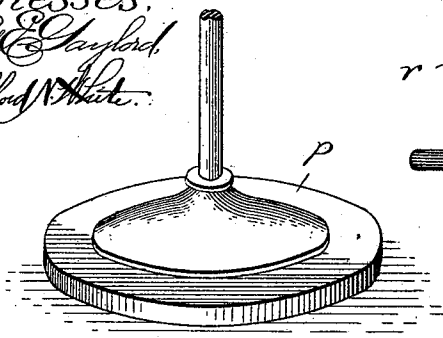
A. M. BAYLESS.
COPY HOLDER.

No. 497,485.

Patented May 16, 1893.



Witnesses:
Charles E. Bayless,
Clifford White.



Inventor:
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UNITED STATES PATENT OFFICE.

ARZELA M. BAYLESS, OF CHICAGO, ILLINOIS.

COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 497,485, dated May 16, 1893.

Application filed January 3, 1893. Serial No. 457,080. (No model.)

To all whom it may concern:

Be it known that I, ARZELA M. BAYLESS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Copy-Holders, of which the following is a specification.

My invention consists in an improved copy-holder for supporting stenographic ribbons in convenient position for reading, while the matter written thereon is being copied. The stenographic ribbon referred to is of the kind employed in connection with short-hand or stenographic machines, in which the stenographic characters are printed upon a long ribbon of paper which is fed through the machine.

Hitherto, so far as I am aware, no convenient means have been provided for holding a stenographic ribbon while the notes thereon are being copied upon a typewriting machine or by pen, and the handling of the ribbon while copying off the notes has been a matter of inconvenience.

My object is to provide a support which will hold the ribbon in plain view for reading; and my object is also to afford a convenient means for feeding the ribbon along as the matter thereon is transcribed.

In the drawings—Figure 1 is a broken perspective view of a part of the main frame of a Remington typewriter, showing my improved copy-holder applied thereto; Fig. 2, a broken perspective view of my improved copy-holder mounted upon a stand for use when the copying is to be done by pen or by means of a typewriter other than the Remington; and Fig. 3, an enlarged broken section taken on line 3 of Fig. 2 and viewed in the direction of the arrow.

As I prefer to construct my improvement it is adapted to form an attachment for a Remington typewriting machine; and it comprises guide loops A A' secured to the stationary frame B of the machine at the screws t, which fasten the scale-plate t' in place.

Secured upon the frame of the machine, preferably in the position shown, is an arm or bracket s, which at its free end affords a bearing for a vertical spindle r. Below its bearing the spindle r is provided with a thumb-

wheel r', and above its bearing it carries the lower section q' of a spool q. The upper section q² of the spool telescopes into the lower section thereof, as shown, and may be removed from the spindle.

In operation the stenographic ribbon is passed through the loop A, thence across the machine below the scale-plate t' and through the loop A' to the spool upon which it is fastened. The side of the ribbon containing the stenographic characters is outward, and the characters are thus in plain view of the operator. In practice the operator may read the stenographic characters from the loop A' to the loop A, and then by turning the thumb-wheel r', wind up a length of the ribbon equal to the distance between the loops A' A. When the end of the ribbon has been reached the roll formed upon the spool may be removed, and filed away if desired.

When my improvement is not to be used in connection with a Remington machine, or other typewriting machine, to which it may be conveniently attached, the stand C may be provided. It comprises a heavy base p to which a standard p' is secured, and at the upper end of the standard is a horizontal arm p² to which the loops or guides A A' are fastened, as shown. The bracket s, carrying the spindle r and spool q, is secured upon the standard t'.

While I prefer to construct my improvement as shown and described it may be modified in the matter of details of the construction without departing from the spirit of my invention as defined by the claims.

What I claim as new, and desire to secure by Letters Patent, is—

1. In combination a support for a stenographic ribbon, and a pair of spaced guide loops thereon for the ribbon, defining, by the space between them, a copying guide of the section of ribbon stretched across the intervening space, substantially as described.

2. In a copy-holder for stenographic ribbons, spaced loops in a horizontal plane and affording a guide support for the ribbon, through which the ribbon may be readily drawn, substantially as described.

3. In combination with a typewriting machine, a copy-holder for a stenographic rib-

bon comprising a pair of spaced guide loops in a horizontal plane on the machine for the ribbon, and defining, by the space between them, a copying guide of the section of ribbon stretched across the intervening space, substantially as described.

4. The combination with the frame B of a typewriting machine, scale-plate *t'* and scale plate securing screws *t* thereon, of loops A A' held in place by the said screws *t* and affording a stenographic-ribbon guide, substantially as described.

5. The combination with the frame B of a typewriting machine, scale-plate *t'* and scale-plate securing screws *t* thereon, of a rotary spool for a stenographic ribbon at one side of the frame, and loops A A' held in place by the said screws *t* and affording a guide support for the ribbon through which the ribbon passes to the spool, substantially as described.

ARZELA M. BAYLESS.

In presence of—

B. M. TAUSIG,

W. N. WILLIAMS.