

A. E. HALL.
 ROLL PAPER ATTACHMENT FOR TYPE WRITERS.
 APPLICATION FILED MAR. 8, 1918.

1,274,540.

Patented Aug. 6, 1918.

2 SHEETS—SHEET 1.

Fig. 1

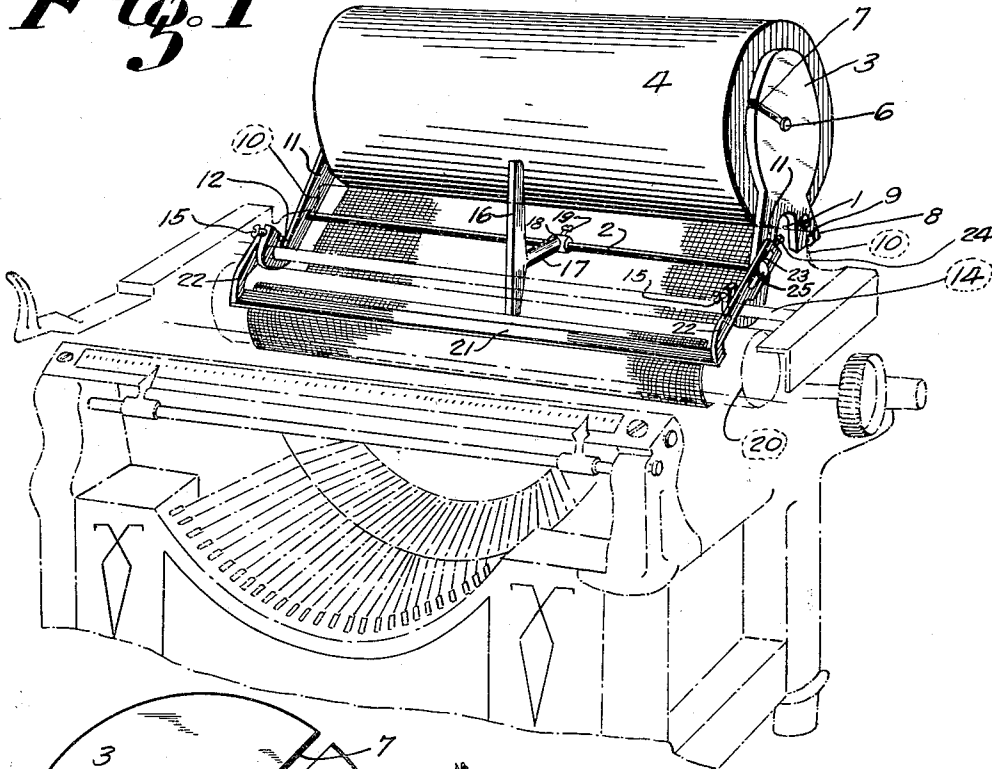
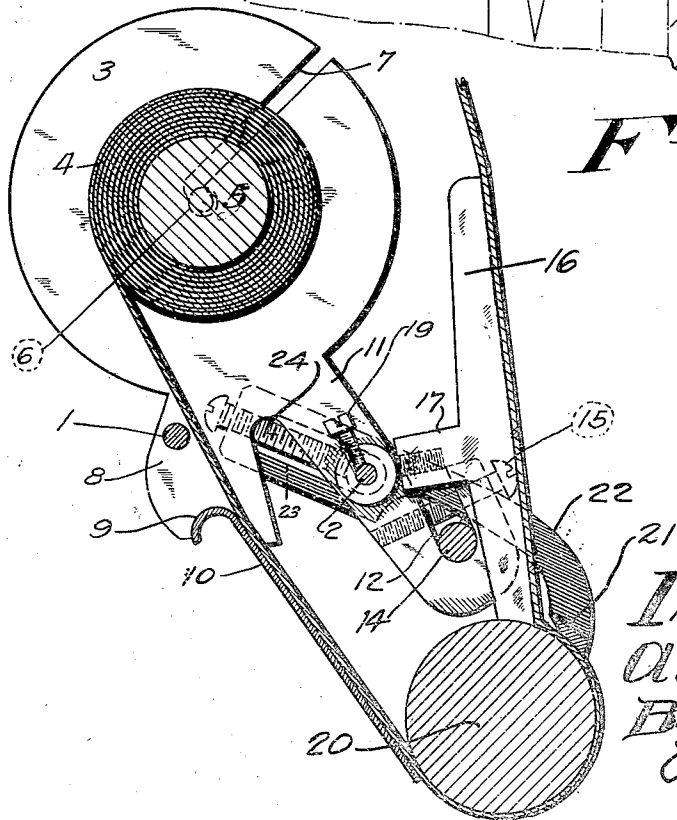


Fig. 2



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2 SHEETS—SHEET 2.

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UNITED STATES PATENT OFFICE.

ALBERT E. HALL, OF NATIONAL STOCK YARDS, ILLINOIS.

ROLL-PAPER ATTACHMENT FOR TYPE-WRITERS.

1,274,540.

Specification of Letters Patent.

Patented Aug. 6, 1918.

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To all whom it may concern:

Be it known that I, ALBERT E. HALL, a citizen of the United States, residing at National Stock Yards, in the county of St. Clair and State of Illinois, have invented certain new and useful Improvements in Roll-Paper Attachments for Type-Writers, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to roll-paper attachments for typewriters, and it consists in the novel construction and combination of parts hereinafter described and claimed.

The object of my invention is to provide an improved attachment for typewriters, whereby roll-paper of any desired width may be conveniently held upon the typewriter in position for instant use, without the necessity of placing separate sheets in the machine every time the operator desires to use it, thereby effecting a great saving of time and expense.

In the drawings,

Figure 1 is a perspective view of my improved roll-paper attachment in position upon a typewriter of one form, the latter being shown only in dotted lines, and partly broken away to economize in drawing space.

Fig. 2 is a vertical section of my attachment, the section being taken at a point about midway of the length of the attachment, and

Fig. 3 is a perspective view of my attachment, devoid of the roll of paper, and detached from the typewriter.

In the present illustration of my invention, I provide a suitable frame composed of two parallel horizontal rods 1 and 2, and two end plates 3, which are fixed to the ends of said rods and spaced apart thereby, whereby the end plates will be sufficiently far apart to allow any desired width of paper to pass between them when unwound from the roll of paper 4.

The roll of paper 4 may be of any common form, and of any desired width and quality, and it is provided with the usual roll or core 5 having end-pintles 6 which rest on the bottom of slots 7 formed in the said end-plates 3, for the convenient mounting of the roll of paper upon said frame of my attachment.

Integral ears 8 having recesses 9 in their under sides or edges are formed upon the

under edges of the said end-plates, so that the said ears will rest upon the curved edge of the typewriter paper-table 10, to support the principal weight of the attachment and the roll of paper 4 carried thereon.

Integral forwardly and downwardly extending arms 11 are formed on the front edges of the said end-plates 3, and the front portions of said arms are provided with aligned slots 12, in which is located the usual horizontal carriage rod 14 of the typewriter, for the purpose of detachably securing the said slotted ends of said arms to the carriage of the typewriter.

Thumb-screws 15 are threaded through the overhanging edges of the said arms 11, to secure the said carriage rod 14 in said slots 12, after the attachment has been placed upon the typewriter, and which screws may be readily withdrawn when it is desired to remove the attachment and use the typewriter in writing upon separate sheets of paper in the usual manner.

A substantially vertical written-matter support 16 has a supporting-shank or arm 17 at about the middle of its length, and a sleeve 18 is fixed to the rear end of the said arm 17 and loosely mounted to slide upon the said front one 2 of the said horizontal rods of the attachment frame.

A suitable set-screw 19 is threaded into the side of said sleeve 18, to engage the said horizontal rod 2, and securely clamp said sleeve upon said rod at any point in the exposed length of the latter, in adjusting the position of the said written-matter support to stand beneath and in the middle of the different widths of paper and support the written work in a substantially vertical position in front of the operator, for the obvious convenience in reading the written matter, as well as to hold the written matter away from the mechanism of the machine and cause it to pass upwardly and rearwardly. (See Fig. 2).

For the purpose of conveniently and quickly cutting off the web of paper after same has been written upon, (that is, after it has passed under the typewriter platen) I provide a horizontal knife 21 the ends of which are fixed to the forward ends of two parallel knife-bars 22 having slots 23 in their rear portions through which pass the projecting ends of the said front horizontal rod 2, whereby the said knife is secured to the frame of the attachment and held (when

in a cutting position) parallel with the said typewriter platen 20.

Adjusting-screws 24 are threaded through the rear ends of the said knife-bars, to engage the said horizontal rod 2 thereat, for the purpose of adjusting the said knife 21 with respect to the platen 20, as well as to permit the written web of paper to be cut or torn off at any desired point in the writing, and also to adapt the knife to the platens of different typewriters.

The operation of my invention will be obvious to those skilled in the manufacture and use of typewriting machines, and need not be further described.

Suitable nuts 25 are mounted upon the projecting ends of the said horizontal rod 2 exterior of the said knife-bars, to prevent the latter from spreading apart, and to retain them in position upon said rod.

I claim:

1. An improved roll-paper attachment for typewriters, consisting of a suitable frame having two parallel longitudinal rods and parallel end-plates; said end-plates having slots for the insertion of the pintles of a roll of paper and having recessed ears on

their under edge, for resting upon the rear paper support of a typewriting-machine; parallel arms extending from the forward edges of the said end-plates; clamping-means at the forward ends of said arms for engaging a carriage-rod of a typewriter; forwardly-projecting knife-arms having their rear portions pivotally and adjustably connected to the said arms; and a knife fixed upon the forward portions of the said knife-arms.

2. In a roll-paper attachment for typewriters, the combination with a horizontal rod thereof, of a sleeve loosely mounted to slide thereon; a set-screw threaded into said sleeve; and a written-matter supporting-device carried by the said sleeve in the rear of the written work as it is discharged from the typewriter platen.

In testimony whereof, I have signed my name to this specification in presence of two subscribing witnesses.

ALBERT E. HALL.

Witnesses:

FRANCES HOOVER ROSENBAUM,
JOHN C. HIGDON.