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W. H. BRIGHT.

PAPER ROLL HOLDER FOR TYPE WRITER MACHINES.

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Fig. 1.

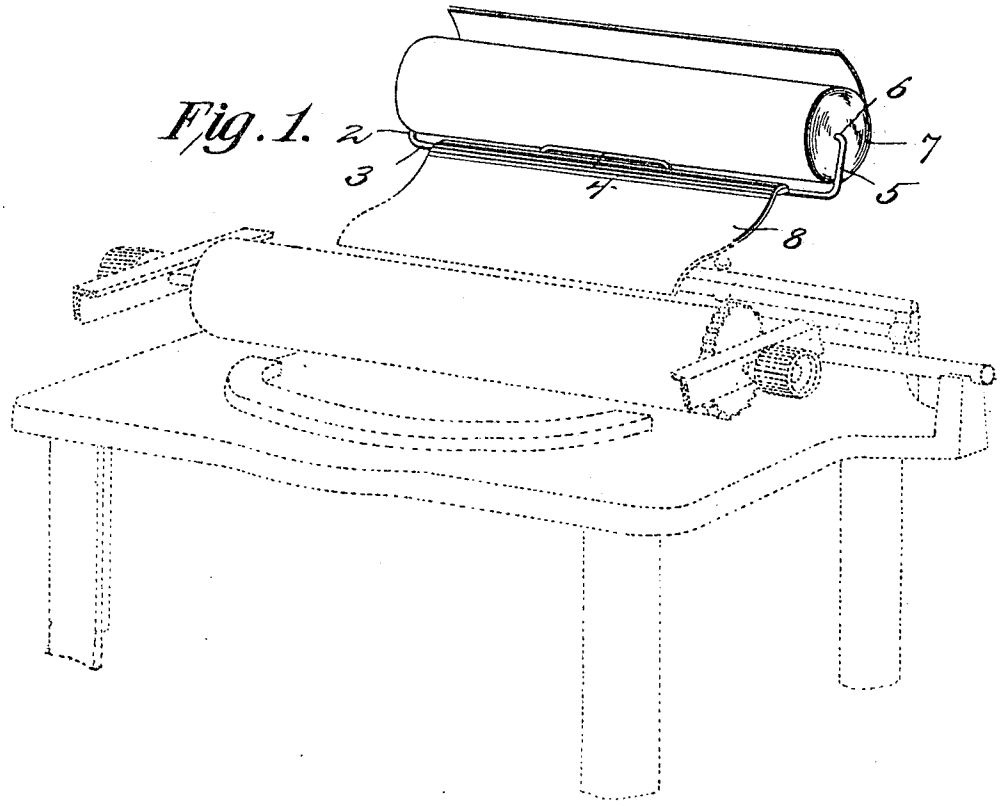
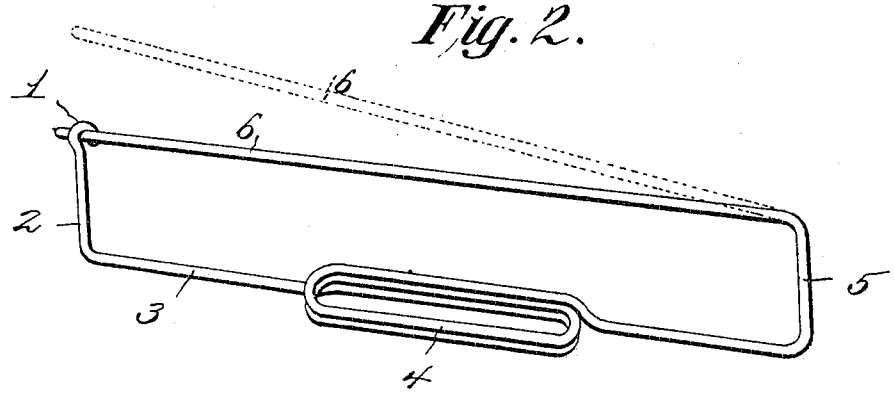



Fig. 2.




Witnesses

E. F. Stewart

C. F. C. McCartney

William H. Bright,

Inventor

by C. A. Snow & Co.

Attorneys

ANDREW H. GRAHAM CO., PHOTO-LITHOGRAPHERS, WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

WILLIAM HENRY BRIGHT, OF CANONSBURG, PENNSYLVANIA.

## PAPER-ROLL HOLDER FOR TYPE-WRITER MACHINES.

No. 798,870. Specification of Letters Patent. Patented Sept. 5, 1905.

Application filed July 30, 1904. Serial No. 218,901.

*To all whom it may concern:*

Be it known that I, WILLIAM HENRY BRIGHT, a citizen of the United States, residing at Canonsburg, in the county of Washington and State of Pennsylvania, have invented a new and useful Paper-Roll Holder for Type-Writer Machines, of which the following is a specification.

This invention relates to type-writing machines, and has for its object to provide for supporting a roll of paper upon the carriage of the machine in a novel and simple manner, whereby a continuous feed of paper may be effected, and thereby avoid the interruption commonly occasioned by the removal of a written sheet and the insertion of a new sheet.

A further object of the invention is to embody the same in the nature of an attachment capable of application to the carriage of a machine in a simple and expeditious manner without necessitating any change whatsoever in the carriage and without interfering with the usual manipulation of the carriage to return the same and to operate the platen for feeding the paper.

A still further object is to provide for the convenient application and removal of the device without detaching any of the parts of the machine and to permit of the insertion of single sheets without removing the holder and the roll of paper carried thereby.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings, Figure 1 is a perspective view illustrating the device of the present invention in full lines applied to a type-writing machine, portions of which have been shown in dotted lines. Fig. 2 is a detail perspective view of a roll-holder detached.

Like characters of reference designate corresponding parts in both figures of the drawings.

To render the present device simple and inexpensive to manufacture, it is proposed to form the same from a single length of spring-wire, which, as best shown in Fig. 2 of the drawings, is bent to form a yoke-shaped frame having approximately parallel side members 2 and 5 and a base member 3. The side member 2 has its outer extremity bent to form a hook or keeper 1, while the side member 5 is bent to form a spindle member 6, which is normally in parallelism with the base 3 and is of a length to have its free end detachably engage the hook or keeper 1. It is proposed to connect the frame of the device to the type-writing machine in such a manner as to leave the member 6 free for engagement and disengagement with respect to the keeper 1 and to constitute a spindle for the roll of paper. To accomplish this object, the middle portion of the side member 3 is formed into a double elongated loop 4 set at an angle to the plane of the frame, the loop members of which constitute clamping-jaws for the attachment of the device.

In using the present holder the spindle member 6 is disengaged from the keeper 1, whereupon it springs up into the position indicated by dotted lines in Fig. 2, after which the paper-roll (indicated at 7 in Fig. 1 of the drawings) is slipped endwise upon the spindle, and then the free end of the latter is reëngaged with the keeper 1, and the device is then in condition to be applied to the type-writing machine.

It is an important object of the present invention to apply the holder to the type-writing machine in such a position as not to interfere with the usual manipulation of the machine, and therefore the ordinary paper table or rest 8 has been selected as the point of attachment for the holder, the jaws of the spring-clamp being snapped upon the upper rear edge of the paper-rest midway between its ends, whereby the paper-roll is supported in parallelism with the platen and in rear thereof in the proper position to feed the paper from the roll to the platen across the paper rest or table in the usual manner. When the device has thus been mounted, the paper-roll will be supported in rear and above the carriage and is located sufficiently remote from the platen to permit of the carriage being elevated in the usual manner when it is desired to view the written matter upon the sheet. Furthermore, as the paper-roll is supported upon the carriage and moves therewith it is always in position to properly feed to the platen. By reason of the location of the roll above and in rear of the paper table or rest

a single sheet of paper may be fed to the platen in the usual manner without interruption by the paper-roll, wherefore when the device has once been fitted to the machine it is not necessary to remove the same when changing from a continuous strip of paper to individual sheets. However, the device may be removed and applied at will without adjustment of any of the parts of the machine and the paper-roll may be applied to the device when mounted upon or removed from the machine.

From the foregoing description it will be apparent that the device of the present invention is complete in itself and capable of application to many forms of type-writing machines, and is therefore capable of manufacture as an article independently of the type-writing machine, and in view of its extreme simplicity and inexpensiveness may be sold at a nominal price.

Having fully described the invention, what is claimed is—

1. A paper-roll holder for type-writing machines formed from a single length of wire bent to form a yoke-shaped frame, one of the sides of the frame forming a spindle capable of detachable engagement with one of the ends of the frame, and the base of the frame being bent into a double elongated loop with the members thereof constituting clamping-jaws to embrace a portion of the carriage of a type-writing machine.

2. A paper-roll holder for type-writing machines formed from a single length of spring-wire bent to form a yoke-shaped frame, one of the sides of the frame being bent to form a terminal keeper and the opposite side being bent to form a roll-supporting spindle capable of detachable engagement with the keeper, the base of the frame being bent into a double elongated loop with the members thereof constituting clamping-jaws to embrace a portion of the carriage of the type-writing machine.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM HENRY BRIGHT.

Witnesses:
MATTIE JOHN,
HARRY MARSHALL.