

No. 829,846.

PATENTED AUG. 28, 1906.

E. S. COY.
RIBBON HOLDER.
APPLICATION FILED FEB. 19, 1906.

Fig. 1.

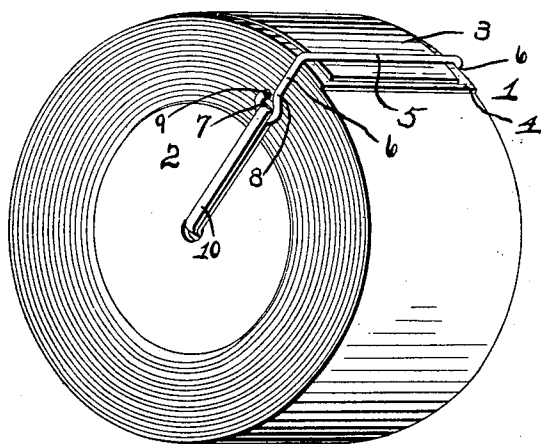


Fig. 2.

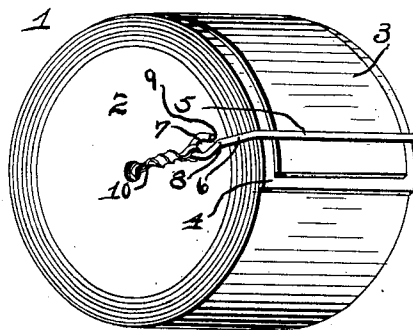


Fig. 3.

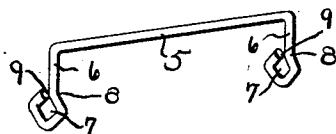


Fig. 4.

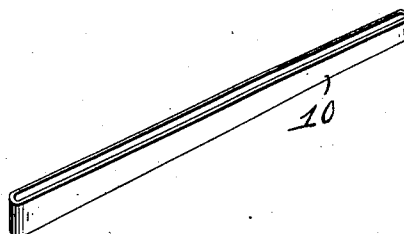
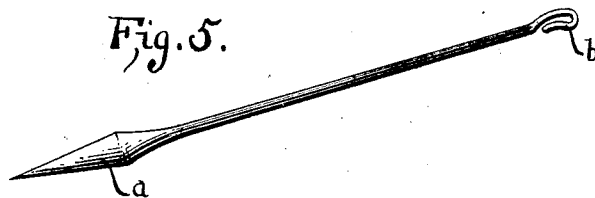


Fig. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

ERVIN S. COY, OF LA GRANDE, OREGON.

RIBBON-HOLDER.

No. 829,846.

Specification of Letters Patent.

Patented Aug. 28, 1906.

Application filed February 19, 1906. Serial No. 301,883.

To all whom it may concern:

Be it known that I, ERVIN S. COY, a citizen of the United States, residing at La Grande, in the county of Union and State of Oregon, have invented certain new and useful Improvements in Ribbon-Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to ribbon-holders; and one of the principal objects of the same is to provide means for holding the outer end of a bolt of ribbon in place after a quantity has been cut off by means which will gradually increase the tension of the holder upon the end of the ribbon as the ribbon is unwound and cut from the bolt.

Another object is to provide a holder which will lie flat against the bolt or drum and in which the spring-tension device will exert its stress in line with the bar which holds the end of the ribbon in place.

Still another object is to provide means for quickly connecting the spring-tension device to the center of the bolt or drum.

These and other objects are attained by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a bolt of ribbon provided with my improved holder and showing the bolt before any of the ribbon has been cut therefrom. Fig. 2 is a similar view showing the tension device twisted to increase the tension as the ribbon has been removed from the bolt. Fig. 3 is a perspective view of the holder removed from the bolt or drum. Fig. 4 is a similar view of the rubber band or tension device, and Fig. 5 is a like view of the needle used for centering and attaching the tension device to the drum.

Referring to the drawings for a more particular description of my invention, the numeral 1 designates a drum, bolt, or spool for ribbon or tape, usually formed of paper or paper-stock and having plain imperforate ends 2 properly secured to the outer rim, upon which the ribbon is wound. The ribbon 3 is wound upon the drum, usually with a strip of paper 4 to keep the ribbon-surfaces clean.

My improved holder for the outer end of the ribbon consists of a piece of smooth nickel-plated wire bent to form a cross-bar 5 of substantially the width of the drum and having its end arms 6 bent down at the sides of the drum and provided with terminal eyes 7, said eyes lying flat against the end disks 2. As will be seen in the drawings, these eyes are formed by bending the wire outward at 8, so that the eyes when formed will lie in central alinement with the arms 6. The eyes 7 are open between the terminal ends 9 of the wire and the contiguous portions of the arms 6 to permit the rubber band or tension device 10 to be connected thereto, as will be understood. To connect the rubber band 10 to the drum and to the eyes 7 of the ribbon-holder, I use a needle (shown in Fig. 5) consisting of a piece of wire having a pointed end *a* and an eye *b* at its opposite end. The band 10 is flat and is connected to the eye of the needle and passed through the end disks 2 of the drum, after which the end loops in the rubber band are engaged with the eyes 7 of the holder. The rubber band 10 being flat and passed through an opening of a size to prevent the band from turning readily therein, when the ribbon is removed from the drum the two rubber strands of the band twist together, as shown in Fig. 2, thus increasing the tension of the cross-bar upon the ribbon as the same is unwound from the drum. The eyes 7, lying flat against the ends 2 of the drum, obviate troublesome projections in packing and handling. The holder being of round wire is smooth and will not catch in the most flimsy ribbon.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined by the appended claim.

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

A ribbon-holder consisting of a wire cross-bar, arms extending at right angles thereto, eyes at the ends of the arms, a ribbon drum or spool, a flat rubber band passed through a

central opening in said drum, and the ends of
said band connected to the eyes, the latter
lying flat against the ends of the drum, and
the rubber band being secured in the drum to
5 permit the band to twist as the ribbon is un-
wound from the drum, for the purpose de-
scribed.

In testimony whereof I have hereunto set
my hand in presence of two subscribing wit-
nesses.

ERVIN S. COY.

Witnesses:

J. R. OLIVER,
C. H. FINN.