

W. J. HEDENSTROM.
 BABY RIBBON HOLDER.
 APPLICATION FILED JAN. 31, 1910.

982,361.

Patented Jan. 24, 1911.

Fig. 1.

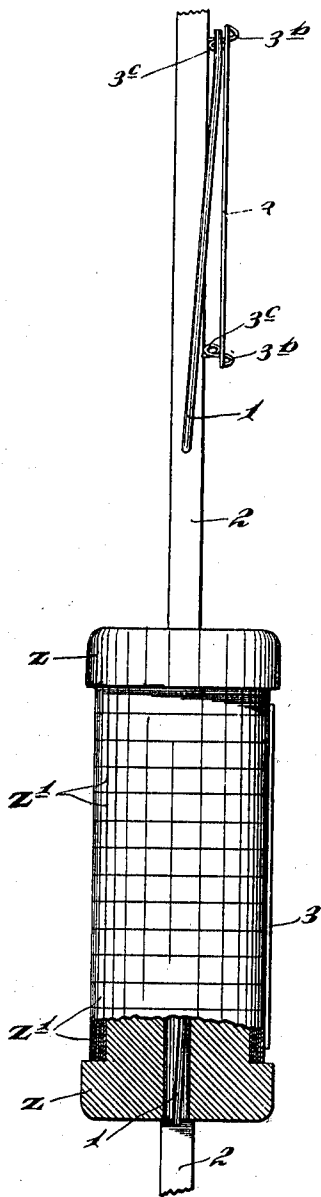
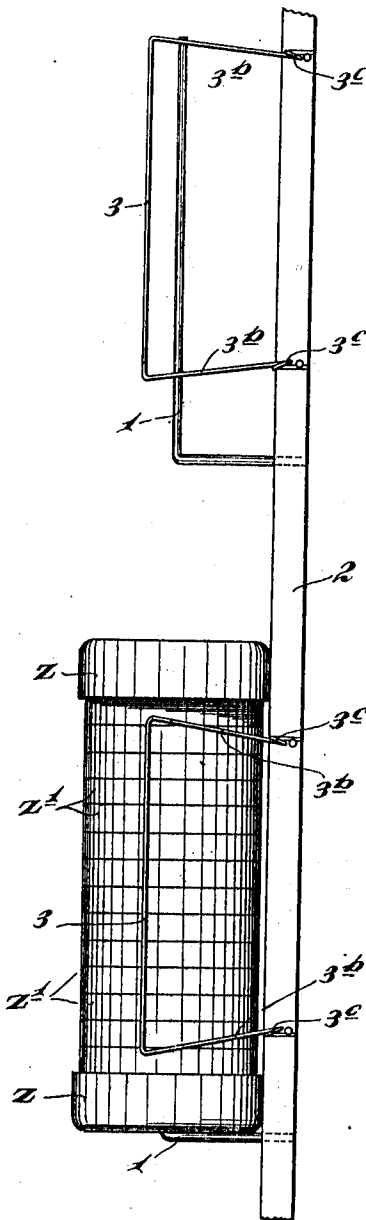


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM J. HEDENSTROM, OF MINNEAPOLIS, MINNESOTA.

BABY-RIBBON HOLDER.

982,361.

Specification of Letters Patent.

Patented Jan. 24, 1911.

Application filed January 31, 1910. Serial No. 541,101.

To all whom it may concern:

Be it known that I, WILLIAM J. HEDENSTROM, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Baby-Ribbon Holders; and I do hereby 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.

My invention has for its object to provide an improved holder which is especially adapted to detachably hold and display spools containing "baby ribbon" or similar material.

To the above ends, the invention consists of the novel devices and combinations of devices hereinafter described and defined in the claim.

In the accompanying drawings which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings, Figure 1 is a view in front elevation, showing the intermediate portion of a support having secured thereto two of the improved holders and a spool mounted on one thereof; and Fig. 2 is a side elevation of the same.

The improved holder is in the form of an L-shaped spring rod 1, having the free end of its horizontally extended arm rigidly secured to a suitable support 2. This support for the holder 1 is in the form of a long narrow vertically extended strip which may be secured in any suitable place. In the drawings, only the intermediate portion of the support 2 is shown and has secured thereto two of the holders 1, vertically spaced one above the other. Of course, these supports 2 may be of such length as to hold only one, or a series of these holders 1.

The upright arm of the holder 1, which serves as a spindle, is adapted to project within the central bore of a spool Z and detachably holds the spool in an upright position with its lower end resting upon the horizontal arm of the holder. The spool Z is especially adapted to contain "baby ribbon" Z'. By reference to Fig. 1, it will be noted that the diameter of the bore in the spool Z

is considerably larger than the diameter of the holder in order to permit a small amount of lateral movement of the spool Z with respect to the holder 1. It will also be noted that the upright arm of the holder 1 normally stands in a position which is considerably out of plumb to form a spring, and yieldingly presses the spool Z.

Secured to the support adjacent to each holder 1, and for cooperation with the ribbon-containing portion of the spool Z, is a friction device 3. This friction device 3 is, as shown, bent from a single piece of spring wire, and the intermediate portion 3^a thereof is of such length as to engage approximately the full width of the exposed ribbon Z' on the spool Z. The two end portions of the friction device 3 are bent at approximately right angles to the intermediate portion 3^a to form a pair of arms 3^b. These arms 3^b are rigidly secured to the support 2, and the intermediate portion of each arm 3^b is bent to form a single spring coil 3^c. Of course, any number of coils 3^c may be provided, depending on the amount of tension required.

As is evident, the friction device 3 yieldingly presses the spool Z against the tension of the spring holder 1 and prevents the spool Z from rotating faster than the ribbon Z' is unwound therefrom, and thereby prevents an unnecessary amount of ribbon being unwound from the spool. The friction device 3 also holds the loose end of the ribbon on the spool and thus prevents the ribbon on the spool from becoming loose. The action of the friction device 3 on the spindle tends to straighten said spindle up and thereby hold the applied spool in an upright position.

In actual practice, in order to display a full line of "baby ribbon", it will, of course, be necessary to provide a plurality of supports 2, each carrying a number of holders 1, in which case, the supports 2 may be secured to a rotary head on a pedestal or they may be mounted in a cabinet.

The above device, while extremely simple and of small cost, has, in actual practice, been found highly efficient for the purposes had in view. It will, of course, be under-

stood that, in place of "baby ribbon", any other article, such as tape, may be wound upon the spools Z.

What I claim is:

- 5 The combination with a ribbon-containing spool, of a holder including a spindle in the form of a spring and adapted to project within said spool, and means engaging the ribbon-containing portion of said spool and
10 yielding pressing said spool against the

tension of said spring spindle, and said spindle adapted to normally project at an angle with respect to said ribbon engaging means, substantially as described.

In testimony whereof I affix my signature 15 in presence of two witnesses.

WILLIAM J. HEDENSTROM.

Witnesses:

F. D. MERCHANT,

H. D. KILGORE.