Nov. 18, 1941. J. T. WRIGHT 2,262,874

PACKAGE

Filed March 22, 1940

Fig. 1.

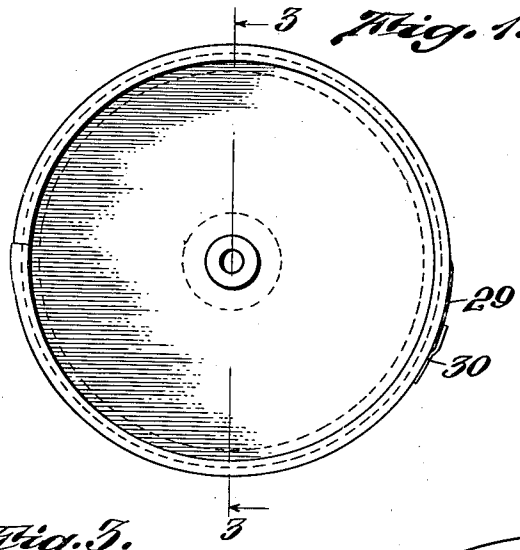


Fig. 2.

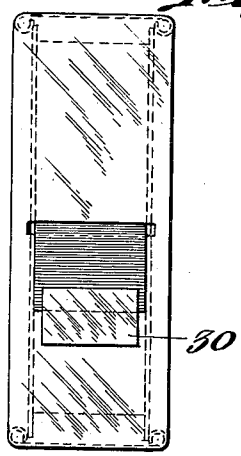


Fig. 3.

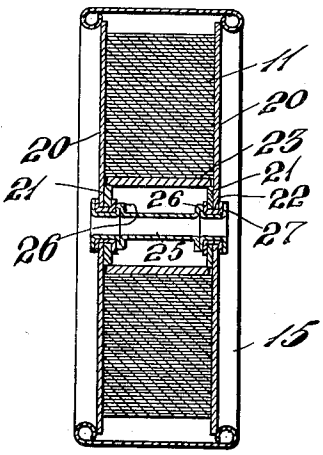


Fig. 4.

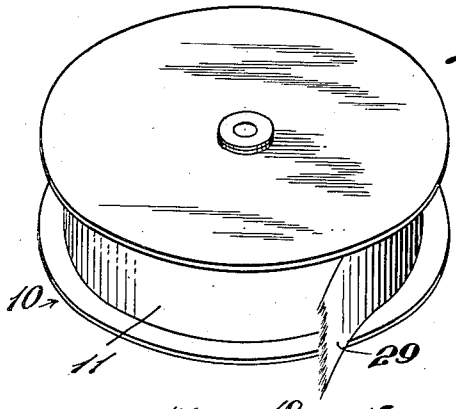
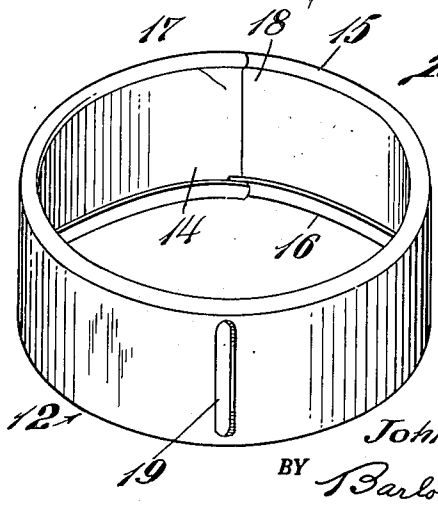


Fig. 5.



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UNITED STATES PATENT OFFICE

2,262,874

PACKAGE

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Application March 22, 1940, Serial No. 325,291

3 Claims. (Cl. 206—52)

This invention relates to a package, more particularly a package of an extended length of material such as ribbon; and has for one of its objects to provide means for preventing the length of material from becoming soiled.

Another object of the invention is to provide a package, protected against soil, from which the length of material may be drawn without removal of the housing or protecting means for the material.

Another object of the invention is to provide an arrangement whereby the material may be readily withdrawn from the package while holding the package in the hand.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawing:

Fig. 1 is a top plan view of the package;

Fig. 2 is an edge elevation;

Fig. 3 is a section on line 3—3 of Fig. 1;

Fig. 4 is a perspective view of the spool of the package with the protecting band removed;

Fig. 5 is a perspective view of the protecting band alone.

It frequently occurs in the use of spools of ribbon that the ribbon is packaged in such a manner that a wrapping must be removed in order that the ribbon may be unwound from the spool for use; or the ribbon must be so exposed that, when once unwrapped, there is such difficulty attached to the rewrapping of the ribbon that the wrapping is done away with and the ribbon left exposed. In order to provide a package in which the ribbon will not be exposed and need not be opened up for dispensing the ribbon, I have provided an arrangement of a rather simple form which enables the length of material such, for instance, as ribbon, in the package to be readily withdrawn and yet at all times remain covered so that it will be protected; and the following is a more detailed description of the present embodiment of this invention, illustrating the preferred means by which these advantageous results may be accomplished:

With reference to the drawing, 10 designates generally a spool upon which extended lengths of material, such as flat ribbon, 11, is coiled, while 12 indicates generally a band of transparent material consisting of sheet stock 14, bent into a hoop as illustrated in Fig. 5 with the ends 17 and 18 overlapped and cemented together and with its edges 15 and 16 rolled inwardly rather tightly; while a slot 19 is cut in the band terminating short of the marginal rolled edges 15 and 16 for purposes which will presently appear.

The spool consists of head members 20 usually circular discs of cardboard. Circular bearers 21 are centrally secured by tubular rivets 22 to the inner surface of each head member to provide a bearing for the inner cylindrical surface of a core 23 upon the outer surface of which the ribbon 11 is spirally coiled. A central tube 25, shouldered as at 26, extends through the tubular rivets 22 and is headed over as at 27 so as to bind the head members in a definite spaced relation one from the other with the space slightly greater than the length of the core 23, thus leaving the cylindrical member or core 23 free to rotate about the bearers 21.

The inside diameter of the rolled edges is less than the diameter of the head members. The material of the band 12 is usually of some Celluloid- or acetate-like material which has considerable resilience. The cardboard head members 20 also have resilience. This resilience permits the rolled edge 15 of the band to be forced over the head members 20 for embracing the spool 10 while holding the spool in place between the rolled edges. The end 29 of the extended length of material, such as ribbon, is passed through the slot 19 to be located upon the outer surface of this band 12 where it may be secured by a piece of Scotch tape, 30.

If it is desired that a length of material be withdrawn from this package, the Scotch tape is removed from the end 29 of the ribbon, and while the package is held in the hand, gripping either the band or the head members, the desired length of ribbon may be withdrawn from the package by just pulling on the ribbon which will cause a rotation of the spiral roll of ribbon and the core 23 until the desired amount is dispensed, whereupon the ribbon may be cut off and again secured in place by the Scotch tape 30. If it is desired to remove the band for any purpose, it is merely necessary to grasp the band and, by pressure upon the spool, force the same from the band.

The foregoing description is directed solely towards the construction illustrated, but I desire it to be understood that I reserve the privilege of resorting to all the mechanical changes to which the device is susceptible.

I claim:

1. A package comprising a band of relatively stiff transparent material provided with a dispensing slot therein, a spool having spaced head members between which a length of rolled strip

material to be dispensed is confined, a core rotatably mounting said rolled strip material between and on said head members, said band being substantially circular in form open at its ends and of a size to tightly house said spool and its head members with an end portion of said strip extending outwardly through said slot, said band and said head members being capable of relative yielding movement sufficient to permit the spool to be sprung into said band.

2. A package comprising a band of relatively stiff transparent resilient material provided with a dispensing slot therein, a spool having spaced head members consisting of end discs of stiff cardboard between which a length of rolled strip material to be dispensed is confined, a core rotatably mounting said rolled strip material between and on said head members, said band being substantially circular in form open at its ends and of a size to tightly house said spool and its head members with an end portion of said strip extending outwardly through said slot.

3. A package comprising a band of relatively stiff transparent material provided with a dispensing slot therein, a spool having spaced head members between which a length of rolled strip material to be dispensed is confined, means rotatably mounting said rolled strip material between and on said head members, said means comprising circular bearers secured on said head members centrally thereof and a hollow cylindrical core loosely rotatable on said bearers and upon the outer surface of which core the strip material to be dispensed is spirally coiled, said band being substantially circular in form open at its ends and with said spool and its head members tightly fitted within said band, and with an end portion of said strip extending outwardly through said slot.

JOHN T. WRIGHT.