Dec. 17, 1935. D. A. LAWRIE 2,024,970

PACKAGE

Filed March 7, 1934

Fig. 1.

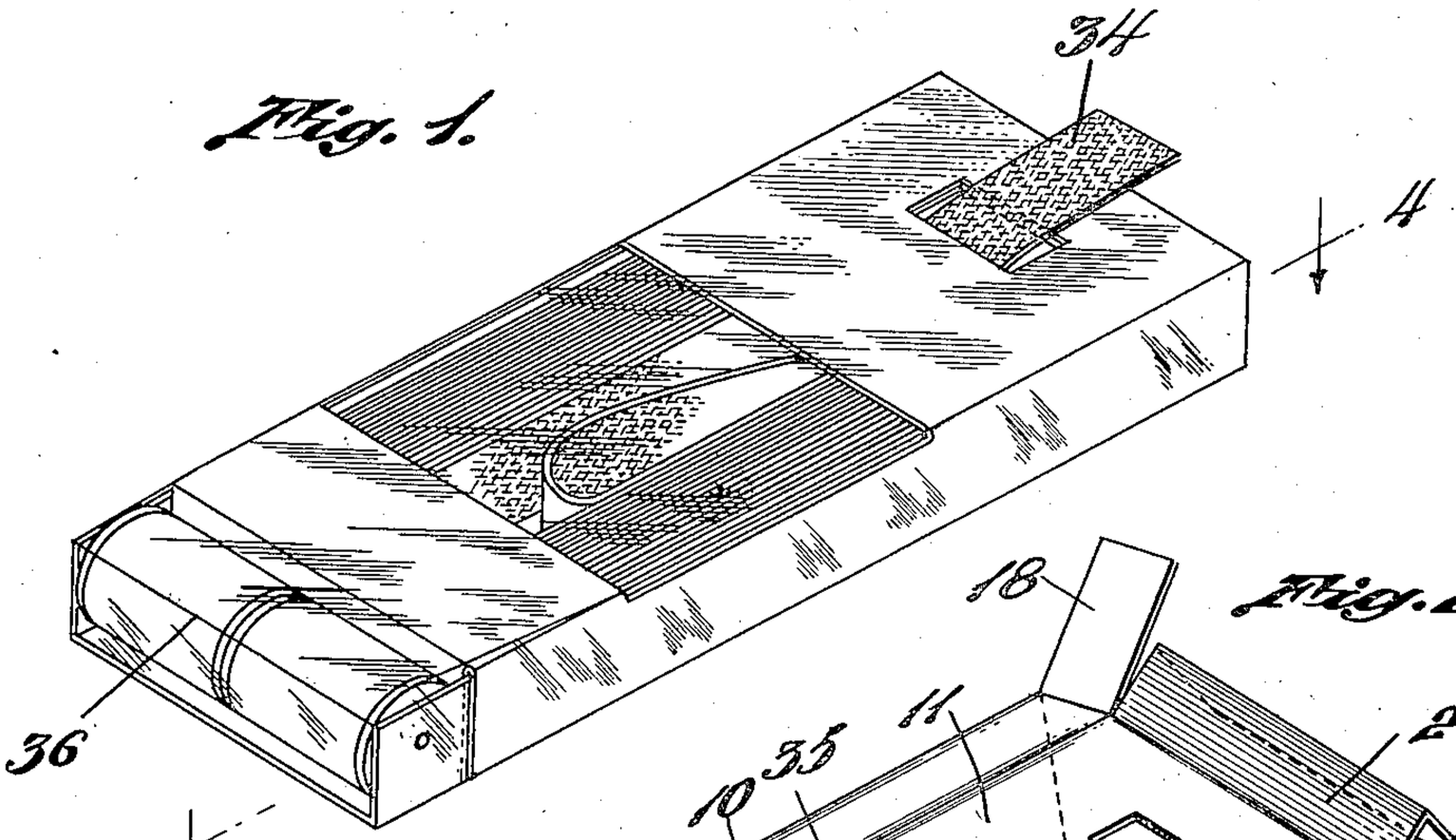


Fig. 2.

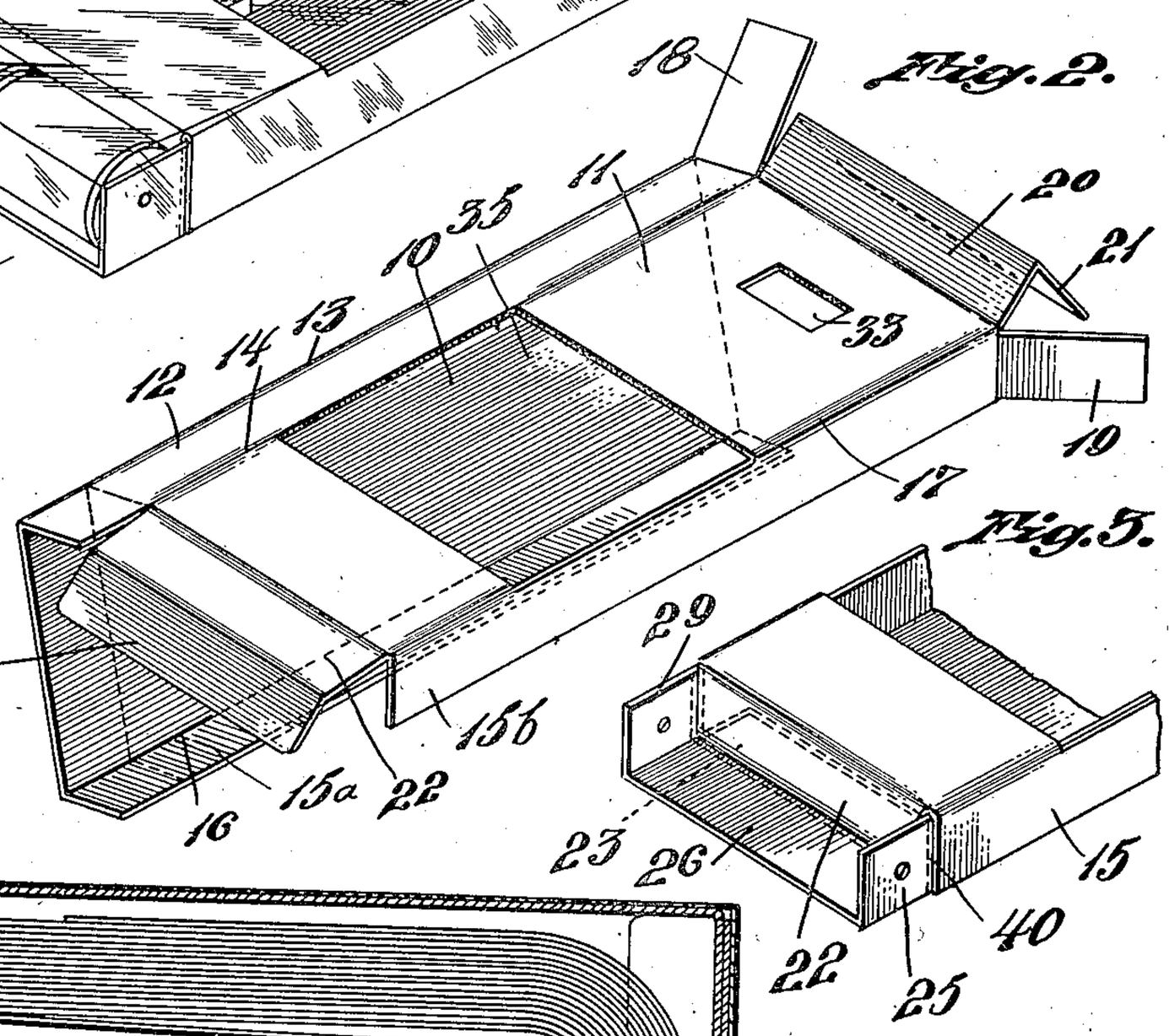


Fig. 3.

Fig. 4.

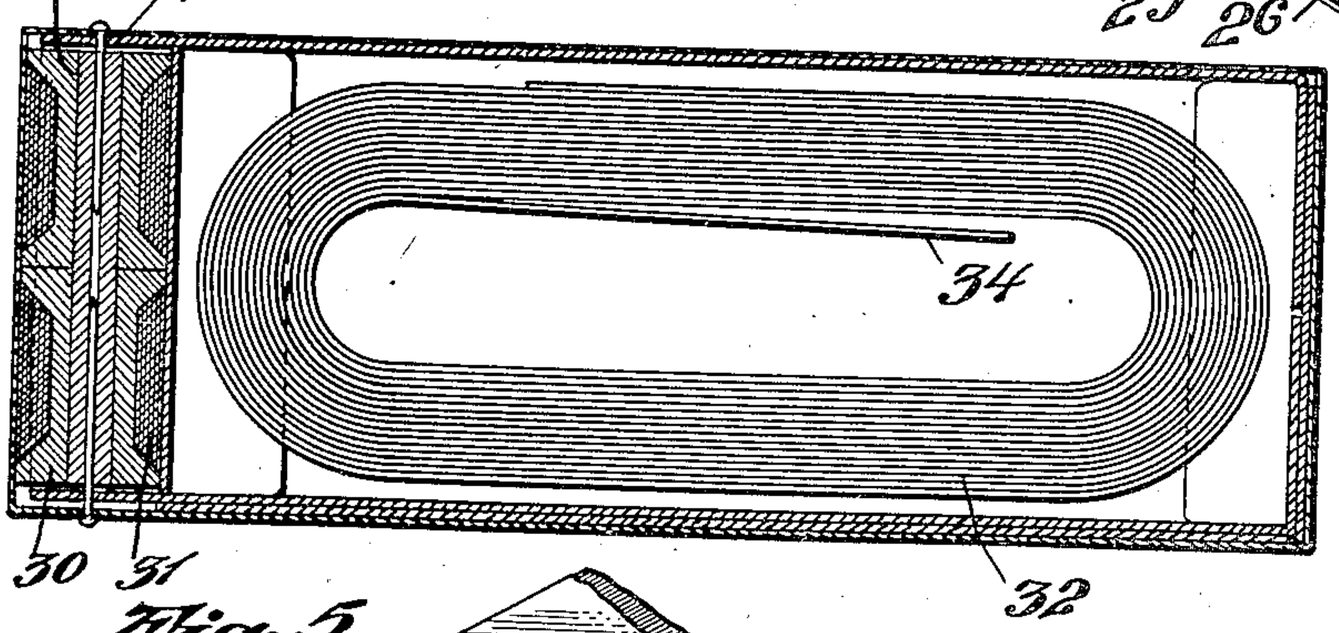
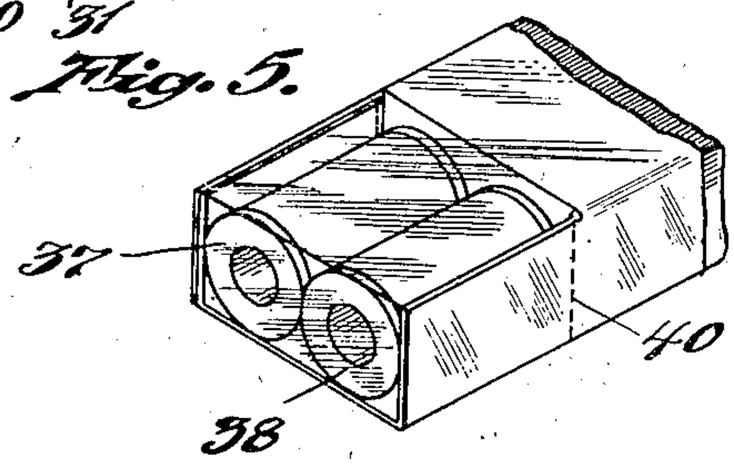


Fig. 5.



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PACKAGE

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8 Claims. (Cl. 206—47)

This invention relates to a package for textile material and has for one of its objects the provision of a package which may have narrow fabric and thread both assembled therein of certain desired colors so that where sewing is desired upon the fabric the thread therefor will be handy in the package and may be a thread dyed a color to match the fabric.

Another object of the invention is the provision of a package having a plurality of different materials assembled therein which materials may be withdrawn from the package without opening the package to such an extent that dirt or foreign matter may enter and soil the portion not used.

Another object of the invention is the provision of a package in which a spool of thread may be mounted in such a manner that the thread on the spool may be unreeled therefrom, while being retained in its mounted position in the package.

A further object of the invention is the provision of a package in which the spool of thread may be mounted and covered in a manner to expose the color of the same through some transparent covering and yet is of such character that the thread may be withdrawn from the spool by rotation thereof without removing a large portion of the cover and thereby maintaining the cover in protecting position.

A still further object of the invention is the provision of a package such that should the portion containing the spool of thread be exhausted and it be desired to remove this portion from the remainder of the package, it will merely be necessary to tear the package along a weakened line at a desired location for such removal.

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 perspective view of the package showing the end of the narrow fabric as projecting through an opening therein.

Fig. 2 is a perspective view of the stiff container in unfolded position and illustrating the structure thereof.

Fig. 3 is a perspective view of a fragmental portion of the container showing the portion in which the spools are mounted in the end of the package.

Fig. 4 is a sectional view on line 4—4 of Fig. 1.

Fig. 5 is a perspective view of a modified form of mounting spools in the package.

In the use of binding tapes, elastic braids and other narrow fabrics which require attaching to some object upon which they are to be used, it is desirable to use thread of a color to match the narrow fabric which is being used; and in order that thread of the proper matching color may be assembled in the package with the tape or narrow fabric with which it is to be used, I have mounted thread of the desired color at one end of the package which contains the narrow fabric with which it is to be used, and I so mount these that I may withdraw from one part of the package the narrow fabric and from the other part of the package the thread from the spool on which it is mounted, while maintaining the major portion of the package intact to protect both the narrow fabric and the thread from dirt and foreign matter; 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, I have provided a container formed of some stiff material, such as cardboard, and having a bottom wall 10 and top wall 11 joined on one side by an integral side wall 12, along the folds 13 and 14 between the juncture of these walls while the opposite side wall 15 is formed from two overlapping portions 15*a* and 15*b*, the former folded from the bottom wall along the fold 16 and the latter folded from the top wall along the fold 17. These two portions 15*a* and 15*b* are cemented together to form the side wall 15 and to maintain the top wall 11 spaced from the bottom wall 10 throughout its extent when at right angles thereto.

Flaps 18 and 19 at one end of the container may be folded in and covered by the end wall 20 with its flange 21 turned inwardly to close this end of the structure. The opposite end of the container is provided with an end wall 22 and flange 23 which may be tucked inwardly as illustrated in Fig. 3, to form a dividing wall between the tape containing portion of the package and spool containing portion of the package 24 formed by the extensions 25 of the opposite side walls 12 and 15 and 26 of the bottom wall 10.

Spools of thread 30 are mounted in this portion 24 for rotation by means of the axis 27 supported by pins 28 extending through openings 29 in the opposite walls 25. Upon this pin 27 spools 30 are mounted containing thread 31. On the other side of the dividing wall 22 and in the box-like inclosure there is positioned a quantity of tape 32 which is of a width slightly less than the width of the side walls 12 and 15 and is sup-

ported upon its edge between the top and bottom walls 10 and 11.

An opening 33 is provided in the top wall through which the inner end 34 of the generally spiral coil extends, thus providing a package from which the narrow fabric may be withdrawn by pulling without providing any greater opening than that of the opening 33 of substantially the width of the tape through which it may be drawn. An opening 35 provides a window in the top wall while a covering of "Cellophane" may envelop the entire package closing the opening or window 35 and also inclosing the spools of thread at the end of the package. This "Cellophane" may be provided with an opening registering with the opening 33 or the "Cellophane" may be slit at the point of this opening for withdrawing the tape end 34 when it is desired to remove the same.

In the same manner a small slit such as along the line 36 may be made in the "Cellophane" or transparent covering through which the strand of thread may be withdrawn from the spool, while they rotate upon their axes 27. This slit along the line 36 may be of such extent as to permit the traverse of the thread as it is withdrawn from the spool, or the thread may be extended over the top wall 11 of the package to be withdrawn through the opening 34 or some opening in the vicinity of the opening 34, whereby there will be sufficient extent between the spool and its point of restricted movement to permit of traverse of the thread across the spool as it rotates and the thread is unreeled.

In some cases, where it is not desired to mount the spool for unreeling, the spools may be mounted as illustrated in Fig. 5, in which case the spools 37 and 38 have their axes running lengthwise of the package and are unsupported for rotation. In this case the "Cellophane" covering must be broken and the spool removed for use of the thread thereon.

It may be desirable to bodily remove the spools of thread from the package containing the narrow fabric and when no further use is had for the extensions 24, 25, and 26 these may be removed by tearing along the line 40, which line indicates a weakened point formed in the cardboard closely adjacent the end or dividing wall 22 so that this extending portion may be easily removed by ripping the same from the package leaving intact the package and its inclosure of the narrow fabric 32.

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, the invention being defined and limited only by the terms of the appended claims.

I claim:

1. A package comprising a container having a dividing wall, a spool axially mounted for rotation on one side thereof, and material in said container on the opposite side of said wall from said spool, and means whereby said materials may be independently pulled from said container without substantially disturbing said package.

2. A package comprising a container having a dividing wall, a spool axially mounted for rotation on one side thereof, and material in said container on the opposite side of said wall from said spool, the portion mounting said spool being weakened along a line adjacent said end wall whereby it may be readily detached from position leaving a complete package of said material.

3. A package comprising a box-like construction with opposite walls protruding beyond an end wall thereof, and a spool of material mounted between said protruding walls.

4. A package comprising a box-like construction with opposite walls protruding beyond an end wall thereof, spools of material mounted between said protruding walls, and an envelope completely covering said package and assisting in maintaining said spool in position between said protruding walls.

5. A package comprising a box-like construction with opposite walls protruding beyond an end wall thereof, a spool of material mounted between said protruding walls, and an envelope of transparent material over the protruding portion of said package to assist in maintaining said spool in position between said walls.

6. A package comprising a box-like construction with bottom and opposite side walls protruding beyond an end wall thereof, and a spool of material mounted on said protruding portion.

7. A package comprising a box-like construction with opposite walls protruding beyond an end wall thereof, and means for rotatably mounting a spool of material between said protruding walls.

8. A package comprising a box-like construction with opposite walls protruding beyond an end wall thereof, a spool of material located between said protruding walls, and means for rotatably mounting said spools comprising an axis extending through said spools of a size to permit rotation.

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