Dec. 4, 1934. G. T. TONGUE 1,983,251

FLY PAPER PACKAGE

Filed Dec. 15, 1932

Fig. 1.

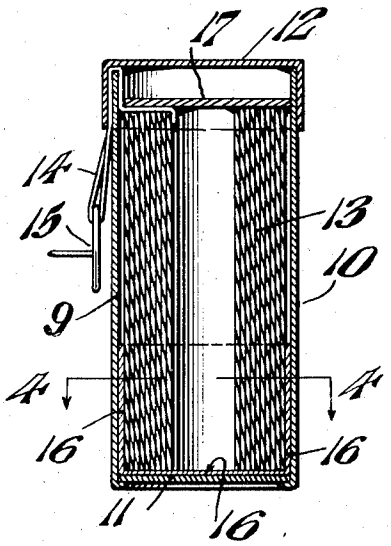


Fig. 2.

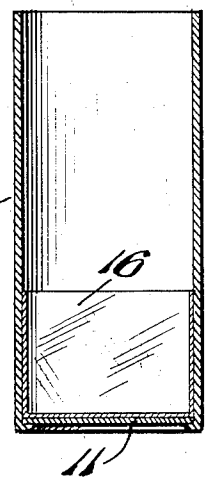


Fig. 3.

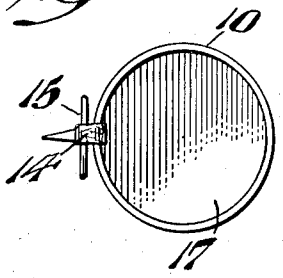
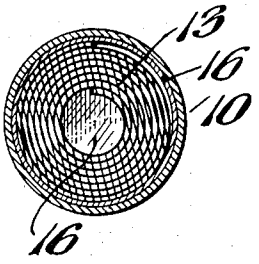


Fig. 4.



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FLY PAPER PACKAGE

Glendon T. Tongue, Philadelphia, Pa.

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2 Claims. (Cl. 43—116)

The present invention relates to the packaging of material which is coated or impregnated with a sticky substance and relates more particularly to a container for fly paper.

In containers for fly paper of the kind which is marketed in the form of a cylindrical coil and packaged in a cylindrical container to which one end of the paper coil is permanently attached so that in use the paper is suspended in the form of a ribbon with the container serving as a weight, it has been found when stored for any length of time that the sticky coating gradually flows toward the supporting end of the coil and collects in the bottom of the container. This flow is relatively fast where the packaged goods are stored in a heated room or exposed to summer temperatures. As a result the coating soaks through the bottom and lower portion of the container to cause the containers to stick to the box or carton and prevent removal without destroying the individual containers. Also this leakage of the coating substance prevents the necessary unwinding of the paper coil when it is to be used. The loss from this defect is such as to materially reduce the sales of the article.

Some of the objects of the present invention are to provide an improved package for material coated with an adhesive or sticky substance; to provide a container for fly paper wherein provision is made for preventing leakage from the inside of the container to the outside thereof; to provide means for sealing a roll of fly paper or the like so that it can be supported on one end without loss of coating substance; to provide a moisture proof package for coiled fly paper; and to provide other improvements as will hereinafter appear.

In the accompanying drawing Fig. 1 represents a sectional elevation of a container embodying one form of the present invention; Fig. 2 represents a similar section with the cover and paper coil removed; Fig. 3 represents a plan of the container with the top removed; and Fig. 4 represents a section on line 4—4 of Fig. 1.

Referring to the drawing one form of the present invention consists of a container body 10, preferably of cylindrical shape having a bottom 11 and a removable top 12. The size of the container 10 is such as to snugly receive a helical coil of fly paper 13 which has its innermost convolution attached to a pull loop 14 so that the coil can be unwound in ribbon form to be suspended by a thumb-tack 15 in operative position. The outermost convolution of the coil 13 is made fast to the inside of the container body 10 and therefore the container serves as a weight on the free end of the ribbon to maintain the latter stretched for use. Preferably the outermost convolution of the coil 13 is permanently attached to the inside of the body 10 by a strip of glue 9.

For the purpose of retaining the sticky substance within the confines of the coil itself under all temperature conditions, a false bottom 16 preferably of "cellophane" is fastened permanently within the bottom end of the body 10 and is in the shape of a cap so that the sides thereof can be glued or otherwise made fast to the inner wall of the body 10. The true bottom 11 may be of any suitable stiff material to retain the shape of the container, resist collapse, and protect the false bottom 16. The marginal edge of the bottom of the body 10 is crimped inwardly to retain the bottom 11 in assembled condition.

For protecting the top end of the coil 13, a supplemental cover 17, here shown as in the form of a disc, is pressed with a snug fit into the end of the body 10 and abutting the coil 17. Preferably this cover 17 is made of parchment though any moisture proof material can be used which will serve to prevent collapse of the body 10 and leakage of moisture from within.

It will therefore be apparent when the coil 13 of coated material is placed in packed condition with its lower end telescoped with the cap shaped false bottom 16, that all moisture is effectually sealed therein and it becomes impossible for any softened or liquid coating to reach and soak through the body proper. The advantage of this construction will be readily apparent in that now it is possible to preserve for long periods cartons of filled fly paper containers with the containers in normal upright position. The saving effected by the present invention can be readily appreciated because by it jobbers and dealers no longer have spoiled stock left on their hands, and the manufacturer is relieved of replacing goods damaged by leakage of the adhesive substance.

While only a single form is shown in which this invention may be embodied, it is to be understood that the invention is not limited to any specific construction, but might be applied to various forms without departing from the spirit of the invention or the scope of the appended claims.

Having thus described my invention, I claim:—

1. A fly paper package comprising the combination of a spirally wound ribbon having a sticky substance thereon, a container in the form of a tubular body for receiving said ribbon in coiled condition, means for attaching the outermost

convolution of said ribbon to the inner wall of said body, a cap of liquid impervious material enclosing the bottom end of said wound ribbon, a bottom for said body below said cap, a removable top for said body, and means attached to the innermost convolution of said ribbon for uncoiling said ribbon as a length of material with said body suspended from one end thereof.

2. A fly paper package comprising the combination of a spirally wound ribbon having a sticky substance thereon, a container in the form of a tubular body for receiving said ribbon in coiled condition, means for attaching the outermost convolution of said ribbon to the inner wall of said body, a closure fixed to one end of said body to form a bottom therefor, a cap shaped false bottom for receiving the bottom end of said wound ribbon, said cap being of liquid impervious material, a top for said body, a sealing disc between said top and ribbon, and means attached to the innermost convolution of said ribbon for uncoiling said ribbon as a length of material with said body suspended from one end thereof.

GLENDON T. TONGUE.