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J. R. PRICE

1,923,456

PACKAGE FOR STRIP OR LIKE MATERIALS

Filed June 15, 1931

Fig. 1.

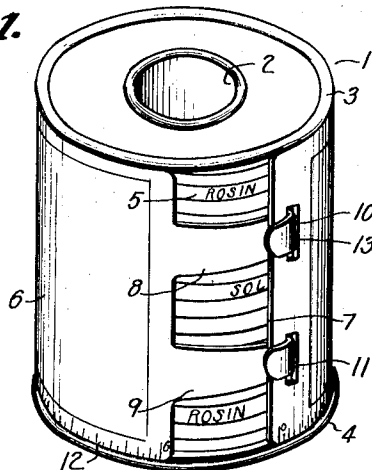


Fig. 2.

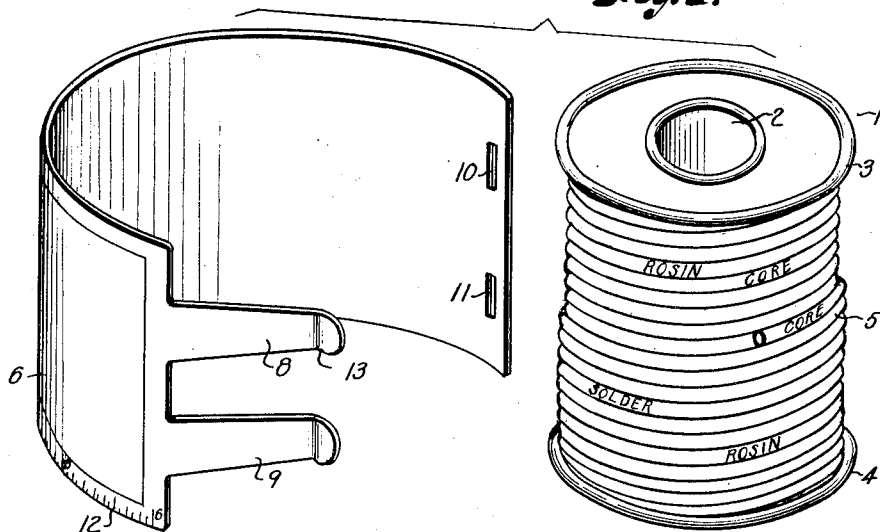
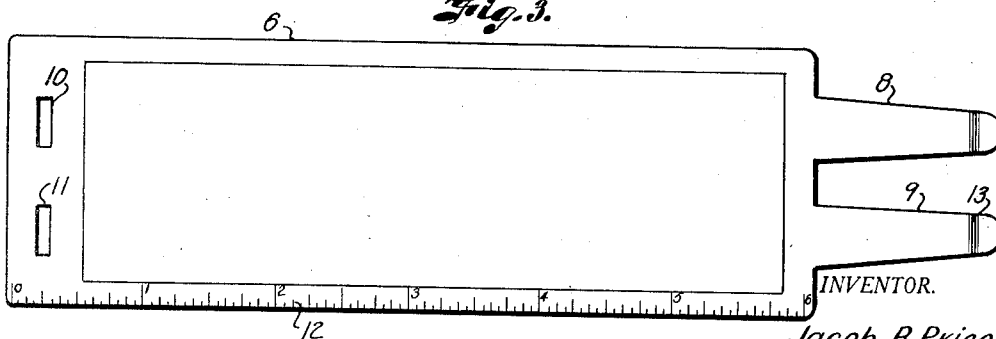


Fig. 3.



INVENTOR.

BY *Jacob R. Price*
Arthur C. Brown
ATTORNEY.

UNITED STATES PATENT OFFICE

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PACKAGE FOR STRIP OR LIKE MATERIALS

Jacob R. Price, Kansas City, Mo.

Application June 15, 1931. Serial No. 544,394

4 Claims. (Cl. 206—59)

This invention relates to a package and more particularly to one of that character for enclosing continuous strip products, such as wire solder and the like, and has for its principal objects to prevent unwinding of the product and to provide inspection of the product without undoing the package.

In accomplishing these and other objects of the invention, I have provided improved details of structure, the preferred form of which is illustrated in the accompanying drawing, wherein:

Fig. 1 is a perspective view of a package constructed in accordance with my invention.

Fig. 2 is a detail perspective view showing the wrapper of the package removed to dispense the product.

Fig. 3 is a plan view of the wrapper, particularly illustrating a measuring scale associated therewith, whereby lengths of the product may be measured incidental to its dispensing.

Referring more in detail to the drawing:

1 designates a spool preferably formed of metal and having a central tubular core 2 provided with end disks 3 and 4 between which the product on the core, such as continuous wire solder 5, is wound, as illustrated in Fig. 2.

The disks 3 and 4 may be secured to the core in any preferred manner since the specific construction of the spool forms no part of the present invention.

6 designates a wrapper preferably comprising a rectangular sheet metal strip having substantially the same width as the spacing between the disks 3 and 4 and of sufficient length to substantially encircle the solder wound on the spool. The length of the wrapper, however, is preferably shorter than the periphery of the spool in order to leave a gap or window 7 between its ends through which the nature of the product may be observed without removing the wrapper from the spool.

In order to retain the wrapper about the spool, one end thereof is provided with spaced tongues 8 and 9 inset from the side edges thereof so that a minimum area of the gap is covered by the tongues. The opposite end of the wrapper is provided with aligning slots 10 and 11 through which the ends of the tongues are extended and bent retractively over the outer face of the wrapper as shown in Fig. 1.

The wrapper may be provided with a suitable measuring scale 12 whereby lengths of the solder may be measured when dispensing the solder from the spool.

In assembling the package, the product, such

as the solder, is wound on the spool and the wrapper is drawn thereabout between the disks so that the ends of the tongues may be projected through the slots 10 and 11 and bent over as at 13 to retain the wrapper.

The nature of the product may then be readily observed through the spaces between the tongues and in case of solder, the kind of solder, such as rosin core, acid core, or the like, may be observed.

To dispense the product, the tongues are bent back so that they will pass through the slots, after which the wrapper may be removed, as shown in Fig. 2. Portions of the solder may then be unwound from the spool and measured on the scale of the wrapper, after which the wrapper may be replaced on the spool to confine that portion of the solder remaining thereon.

It is obvious that I have provided a package well adapted for the packaging of ribbon-like products, such as wire, wire solder, tape and the like and that the nature of the product is readily observed through the gap formed between the ends of the wrapper without removing the wrapper from the spool.

What I claim and desire to secure by Letters Patent is:

1. In combination, a package of the character described including a spool member, a wrapper for encircling a product wound on the spool and having shorter length than the circumference of the wound spool to form a window between the ends thereof when the wrapper is extended around the spool for disclosing the nature of said product and to permit contraction of the wrapper for more tightly engaging the product on the spool after a portion of the product is dispensed therefrom, and tongues integral with one end of the wrapper and engageable with the other end thereof to secure the wrapper about the spool.

2. In combination with a spool including a core and spaced disks secured to opposite ends of the core, a flexible metal wrapper for enclosing a product wound on the spool comprising a rectangular strip substantially equal in width to the spacing between the disks and of a length shorter than the circumference of the disks to form a window between said ends when the wrapper is extended about a spool for disclosing the nature of a product wound on the spool and to permit contraction of the wrapper upon removal of a portion of said product from the spool, and having a plurality of slots adjacent one end thereof, and a tongue on the opposite end of the wrap-

per for each of said slots and engageable therewith for locking the wrapper on the spool.

3. In combination with a spool, a wrapper for enclosing a product wound on the spool comprising a rectangular strip having a slot in one end and a tongue on its opposite end adapted to be extended through the slot and bent retractively for securing the wrapper on the spool, said wrapper being comparatively short and the tongue being relatively long to permit contraction of the wrapper for more tightly engaging the product remaining on the spool after a portion is dispensed therefrom.

4. In combination with a spool including a core

and spaced disks secured to opposite ends of the core, a wrapper for enclosing a product wound on the spool comprising a rectangular strip substantially equal in width to the spacing between the disks and having a slot in one end and a tongue on its opposite end adapted to be extended through the slot and bent retractively to secure the wrapper on the spool, said wrapper being comparatively short and the tongue being relatively long to permit contraction of the wrapper for more tightly engaging the product on the spool after a portion of the product is dispensed therefrom.

JACOB R. PRICE,

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