A. L. A. DODGE.

PACKAGE.

APPLICATION FILED DEC. 11, 1912.

1,094,542. Patented Apr. 28, 1914.

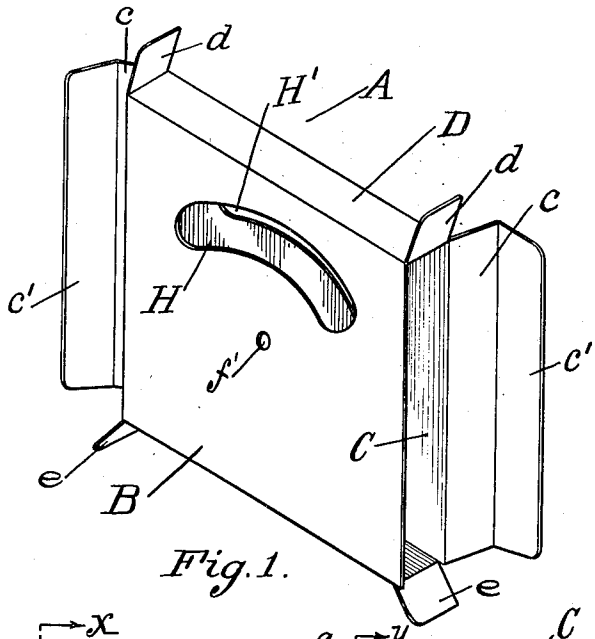


Fig. 1.

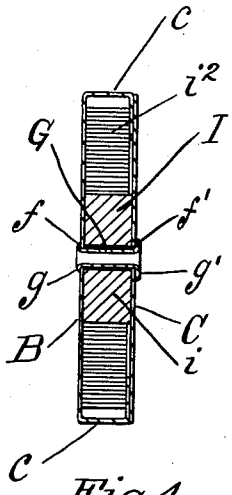


Fig. 4.

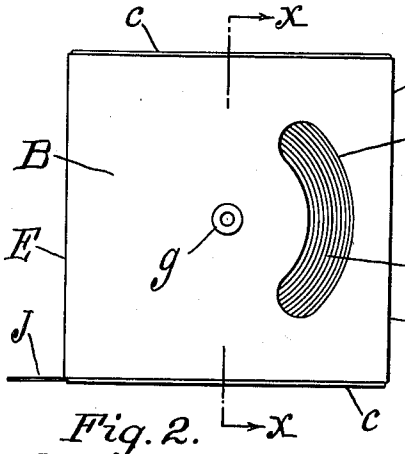


Fig. 2.

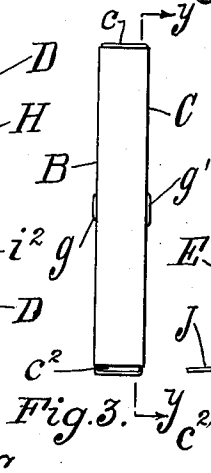


Fig. 3.

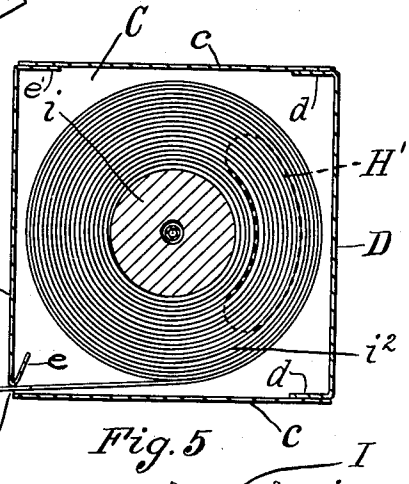


Fig. 5

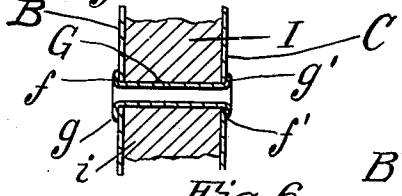


Fig. 6.

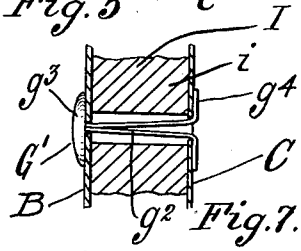


Fig. 7.

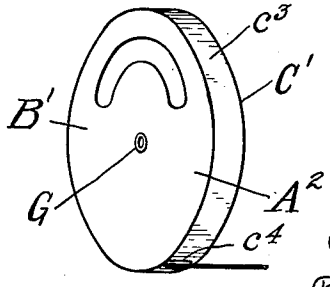


Fig. 8.

Witnesses.

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PACKAGE.

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To all whom it may concern:

Be it known that I, ADELBERT L. A. DODGE, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Packages, of which the following is a specification.

My invention relates to packages intended to contain rolls of webbing, ribbons, paper, and other flexible strips and has for its essential objects the prevention of the breaking down of the peripheral portion of the roll as is the case in such structures as are in present use; to facilitate the delivery of the ribbon from the roll and from the package; to provide a facile means of enabling the operator to measure that portion of the ribbon which is withdrawn from the package; and to provide means for enabling the roll to be rotated in a reverse direction to rewind the portion of the strip which has been previously delivered from the package.

To the above ends my invention consists in such parts and such combinations of parts as fall within the scope of the appended claim.

In the accompanying drawings which form a part of this specification:—Figure 1 is a perspective view of the partially completed box or package embodying my invention, Figs. 2 and 3, front and side elevations respectively of the complete package, Figs. 4 and 5, sections on lines x x and y y respectively of Figs. 2 and 3, Fig. 6, an enlarged sectional view of the pivot member, Fig. 7, a like section of the modified form of pivot member, and Fig. 8, a perspective view of a modified form of package.

Like reference characters indicate like parts throughout the views.

My package is of general rectangular shape and may be constructed in any usual convenient manner. In the present instance the package A comprises front and back walls B and C and top and bottom walls D and E.

Referring to Fig. 1 the walls D and E have upon their ends flaps d and e respectively adapted to be inwardly turned; while the wall C is provided with end extension walls c terminating in flaps c', so that when the flaps c' are thrust inwardly the portions c form end walls of the package. One of the end walls c is shorter than the other end wall so as to leave a rectangular opening c^2 near the bottom wall E of the box, and this opening permits the passage therethrough of the material upon the roll. The walls B and C are provided with centrally oppositely disposed openings f and f' respectively through which passes the pivot member G which in this instance is tubular and has its ends g and g' riveted over to form retaining flanges overlapping the walls through which the pivot member passes. One or both of the walls B and C are provided near their margins with arcuate openings H and H′ respectively, the radii of which slots converge upon the pivot member G. Mounted upon the member G is the roll I comprising the core i and the wound flexible strip i^2 of webbing, ribbon or other material intended to be housed.

In operating my package the end J of the material i^2 is pulled through the opening c^2 approximately the desired length to be measured, and the measuring strip is placed upon the portion of the strip exterior of the package with its end abutting against the wall c of the package, thus facilitating the measurement of the exposed strip. After the strip has been measured and the desired length severed therefrom the strip is withdrawn upon its roll by reversing the direction of the rotation of the roll manually. This is done by grasping the side of the roll I by the thumb and a finger through the slots H and H′ and rotating the roll relatively to the package, which is permitted by its pivotal relation therewith. It will be observed that the front and rear walls B and C are by virtue of the pivot member G and the construction of the package maintained in close contact with the front and rear face of the roll I at all points whereby all danger of the lateral breaking or displacement of the layers of the roll is obviated.

It will be understood that the construction of the pivot member G may be varied without departing from the spirit of the invention, and that if preferred a pivot member may be employed such as shown in Fig. 7 consisting of a fastener G′ comprising a bifurcated shank portion g^2 provided with an enlarged head g^3 and with outwardly bent ends or fingers g^4. The head and fingers overlapping respectively the walls B and C.

My package may be of circular form as shown in Fig. 8 wherein the body A^2 is cir-

cular in contour with the side walls B′ and C′ circular and the side wall c^3 circular and provided with the transverse delivery opening c^4.

It will be understood that the plan contour of the box may be varied without departing from the spirit of my invention.

I claim:—

A delivery package comprising a front wall and a back wall, a roll of material contained therebetween, closures for the ends of the package, one being of such length as to leave an opening for the passage of the material from said roll, and a pivot for said roll held in said back and front walls, the said front and back walls being provided with oppositely-disposed arcuate openings to permit of the grasping of the roll to rotate the same, the said pivot having retaining flanges overlapping the outer walls through which said pivot passes to hold said walls in close contact with the rear and front faces of the roll.

In testimony whereof I have affixed my signature in presence of two witnesses.

ADELBERT L. A. DODGE.

Witnesses:
HORATIO E. BELLOWS,
FRED W. PERKINS.