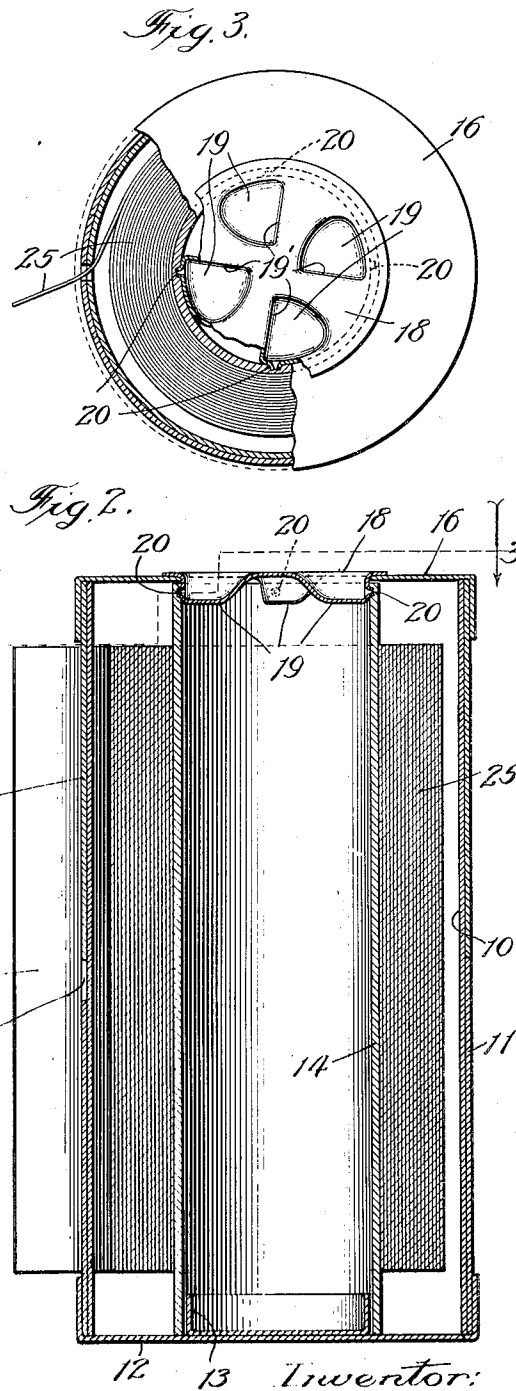
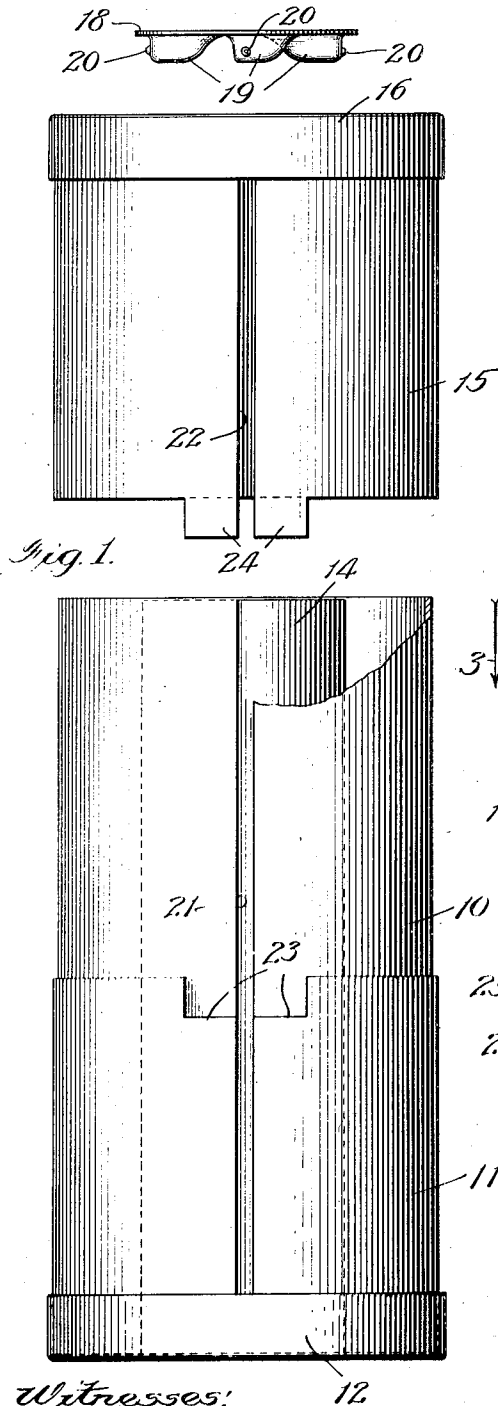


M. B. MACDONALD.
 DISPLAY AND DISPENSING PACKAGE.
 APPLICATION FILED APR. 9, 1914.

1,127,053.

Patented Feb. 2, 1915.



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UNITED STATES PATENT OFFICE.

MARGARET B. MACDONALD, OF CHICAGO, ILLINOIS.

DISPLAY AND DISPENSING PACKAGE.

1,127,053.

Specification of Letters Patent.

Patented Feb. 2, 1915.

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To all whom it may concern:

Be it known that I, MARGARET B. MACDONALD, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Display and Dispensing Packages, of which I do declare the following to be a full, clear, and exact description.

10 The invention relates to reel boxes for ribbons or the like, and seeks to provide a box of simple construction adapted to display the ribbon in an attractive manner.

15 A further object is to provide a reel box or package from which part of the ribbon may be removed without diminishing the exterior size of the package or detracting from its value as a display.

20 The invention consists in the features of construction, combinations and arrangement of parts hereinafter set forth, illustrated in the accompanying drawings and more particularly pointed out in the appended claims.

25 In the drawings, Figure 1 is an elevation of the body portion, cover and turning member of the box, showing the parts disengaged from one another. Fig. 2 is a longitudinal section of the box. Fig. 3 is an end view with parts in section on the line 3—3 of Fig. 2.

30 In the preferred construction, the box comprises four separate parts—a body portion, a supporting tube roll for ribbon or the like, a cover and a turning member.

35 The body portion is preferably tubular and is formed of pasteboard. It consists of an inner tube 10 extending the full length of the box and an outer tube 11 extending approximately one-half the length of the box. The tube 10 fits snugly within the tube 11 and is secured thereto with glue or the like. A cap 12 is fixed in position over one end of the box body. A projecting support or bearing member 13 for one end of the ribbon carrying tube is attached to the center of the interior face of the end cap 12. The projecting support 13 is cup-shaped and made of pasteboard and it forms a bearing for one end of the hollow pasteboard tube 14 around which ribbon or the like is wound.

45 The cover for the box, which is also formed of pasteboard, comprises a tube 15 and a cup-shaped end cap 16 secured thereto. The cover is of the same size as the tube

11 of the body portion of said box and is adapted to telescope over the upper portion of the inner tube 10 of the body portion. The end 16 of the cover is provided with a central opening of substantially the same diameter as the interior of the tube 14. A turning member 18 of pressed sheet metal is provided with a circular series of depressions or finger holds 19. The edge of the turning member overlaps the edge of the opening in the end of the cover and the finger holds 19 fit snugly within the tube 14 and rotatably sustain one end thereof. Preferably, the finger holds 19 are provided with projections 20 which engage the tube 14 and securely connect the turning member thereto. The edges 19' of the finger holds are radial so that they may be readily engaged.

70 The box body is provided with a slot 21 that extends from its open end to the edge of its end cap 12. A corresponding slot 22 is formed in the slip cover and extends from its open end to the edge of its end cap 16. In order that the slots 21 and 22 may be properly retained in alinement, portions of the outer tube 11 of the box body adjacent the slot 21 are cut away, as shown, to form a seat or recess 23, and extended tongues 24 are formed on the open end of the cover adjacent the slot 22 therein. The tongues 24 engage the recess 23, when the cover is in position on the box body, and thereby maintain the slots 21 and 22 in these parts in alinement.

90 A roll of ribbon 25 wound on the tube 14 is inserted into the box body and the end of the tube 14 is passed over the projecting support 13 upon the closed end of the box body. At the same time, the end of the ribbon is passed through the slot 21. The cover is then slipped over the box body in such a manner that the ribbon extending through the slot 22 therein and the tongues 24 of the cover are engaged with the recess 23. The metal turning member 18 is then placed over the central opening in the end of the cover and the finger holds 19 of the turning member are pressed into the end of the tube 14. When the box is thus assembled, the ribbon may be readily pulled through the slots 21 and 22 and dispensed in desired lengths. If too much has been pulled from the box, the ribbon may be re-wound by the turning member 18. The package is further designed to permit one or more layers of the ribbon to be wound

around the outside thereof in order that it may be attractively displayed. In this manner, the package is well adapted for display purposes and at the same time permits the ribbon to be removed therefrom without diminishing the size of the package.

It is obvious that the details set forth may be varied without departure from the essentials of the invention as defined in the claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is—

1. A displaying and dispensing package for ribbons and the like, comprising a storage box, a tube, whereon the ribbon or the like is wound, removably and rotatably mounted in said box, said box having a circular opening in one end registering with the bore of said tube, and a sheet metal turning member overlapping the edges of said opening and having a circular series of inwardly offset projections engaging the end of said tube to rotate the same, substantially as described.

2. A displaying and dispensing package for ribbons and the like, comprising a storage box, a tube whereon the ribbon or the like is wound removably and rotatably mounted in said box, said box having a circular opening in one end registering with the bore of said tube, and a sheet metal turning member overlapping the edges of said opening and having a circular series of inwardly offset finger holds extending within and engaging said tube to rotate the same, substantially as described.

3. A reel box for ribbons or the like, comprising a body portion closed at one end, a slip cover forming the opposite end of the box, one end of said box having a central circular opening therein, an inwardly projecting support fixed to the inner face of the opposite end of the box, a tube whereon the ribbon or the like is wound detachably

engaging said support, and rotatably supported at one end thereby, and a removable turning member overlapping the edges of said opening and having inwardly projecting portions engaging and rotatably sustaining the adjacent end of said tube, substantially as described.

4. A reel box for ribbons and the like formed of paste-board and comprising a tubular body portion closed at one end, a telescoping cover therefor, said body portion having an inwardly projecting circular support centrally fixed to the inner face of its closed end, a tube whereon the ribbon is wound adapted to detachably and rotatably fit over said circular support, said cover having a circular central opening therein, and a turning member inserted through said opening and engaging the adjacent end of said tube to rotatably sustain the same, said box body and cover having aligned slots through which the ribbon extends.

5. A reel box for ribbons and the like formed of paste-board and comprising a tubular body portion closed at one end, a telescoping cover therefor, said body portion having an inwardly projecting circular support centrally fixed to the inner face of its closed end, a tube whereon the ribbon is wound adapted to detachably and rotatably fit over said circular support, said cover having a circular central opening therein, and a turning member inserted through said opening and engaging the adjacent end of said tube to rotatably sustain the same, said box body having longitudinal slots through which the ribbon extends and interlocking parts for maintaining said slots in alinement, substantially as described.

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