June 11, 1929. E. M. GOLDSMITH 1,717,104

REEL FOR COILED STRIPS OF FABRIC

Filed Dec. 1, 1926

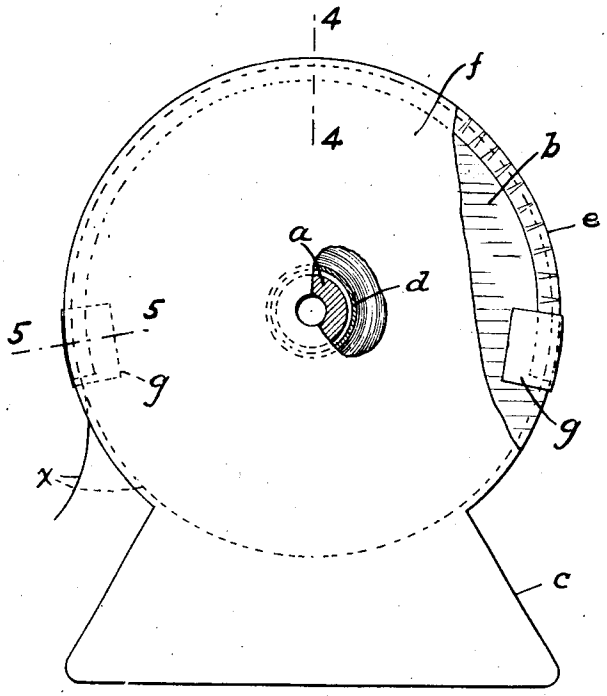


FIG. 1.

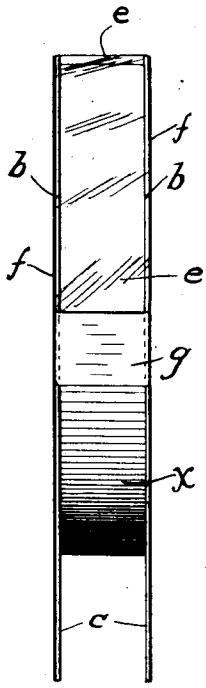


FIG. 2.

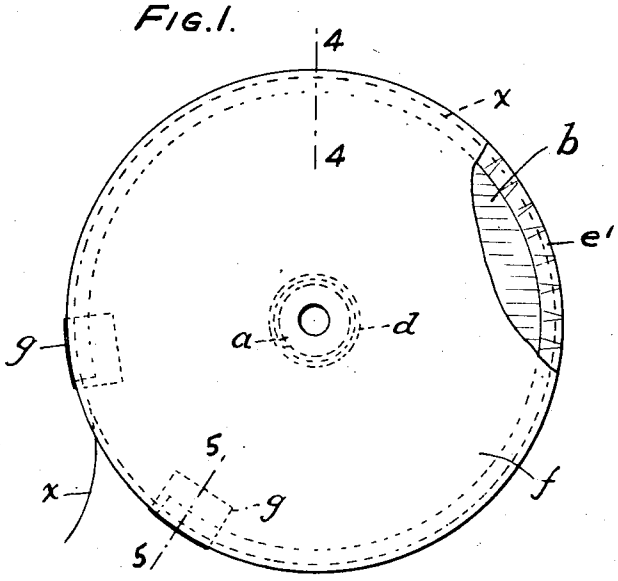


FIG. 3.

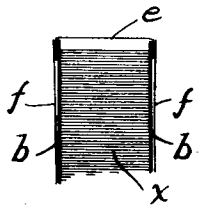


FIG. 4.

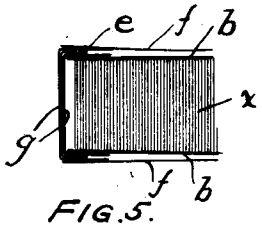


FIG. 5.

WITNESS:
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Patented June 11, 1929. 1,717,104

UNITED STATES PATENT OFFICE.

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REEL FOR COILED STRIPS OF FABRIC.

Application filed December 1, 1926. Serial No. 151,859.

It is customary to wind ribbon, tape, braid and similar long strips of fabric upon reels and to sell the goods, so wound, to retailers, who unwind the goods from the reel and cut off measured lengths for purchasers. It is also customary, as well as highly desirable, to place the reels, with the fabric wound thereon, in prominent positions where they attract observation. Such exposure results in the deposit thereon of dust and dirt, which mars the appearance of the fabric, dulls its color, renders it less attractive, and affects its marketability.

The object of the invention is to provide a means for holding and exhibiting such fabric that will expose the goods to observation with the utmost effectiveness, protect the goods against dust and dirt and soiling by handling, and not interfere with the unwinding of the fabric from the holder.

Preferred embodiments of the invention are shown in the accompanying drawings, in which—

Fig. 1 is a view, in side elevation, of a reel embodying my invention.

Fig. 2 is an end view of the same.

Fig. 3 is a view, in side elevation, of a modificaton.

Figs. 4 and 5 are sections on the lines 4—4 and 5—5 respectively of Figs. 1 and 3.

Secured to opposite ends of a short hub or axle *a* are discs *b*, *b*, affording between them a space for a coil *x* of ribbon, tape, braid or the like. This structure, which is intended to be stationary, may be mounted on a base (as shown in Fig. 1), which may be composed of wings *c* integral with discs *b*; or the hub *a* may be provided with a central hole adapting it to slip upon and be secured to a rod; or the reel may be constructed in any other way adapting it to the application thereto of my invention. The described structure being desirably stationary, a collar or sleeve *d* should be loose on the hub *a*, this sleeve affording a base on which the coil of fabric is wound and facilitating the free rotation of the coil on the hub.

Extending around and secured to the peripheries of discs *b* and spanning the space between them is a strip of any transparent material, such as Cellophane. In Figs. 1 and 2, the transparent strip *e* is shown as extending around the reel for a distance somewhat greater than half its circumference. The lower part of the space between discs is left uncovered. In Fig. 3 the transparent strip *e'* extends nearly, but not quite, around the reel. In both constructions, there is left an arcuate length of reel uncovered, in order to allow the free end of the fabric to project therethrough to permit the fabric to be unwound.

The longitudinal edges of the strip are secured to the margins of the discs, being preferably bent over the outside and glued thereto. See Figs. 1, 2 and 4. The faces of the discs are then covered by labels *f*, which conceal the overlapping edges of the strip.

Each end of the strip is reinforced, preferably by confining it between two strips *g* of cardboard or heavy paper that extend across and beyond the space between discs, the projecting ends of the reinforcing strips being preferably bent over the outside of the marginal parts of the discs and secured thereto. See Fig. 5. The label *f* should cover the ends of the reinforcements as well as the longitudinal edges of the transparent strip.

By means of the foregoing construction, the fabric on the reels is exhibited as effectively as if it were entirely uncovered; but the transparent strip *e* protects the fabric from dust, dirt, or soiling by handling, as effectively as if the reel were wrapped in transparent paper, which latter means of protecting merchandise is well known in the art. While the fabric is thus protected, it can be unwound from the reel as readily as if it were wholly unprotected.

It is not absolutely necessary to reinforce both ends of the strip, because the chief wear upon the same occurs in the unwinding of the fabric, in which operation there is more or less frictional contact with one end only of the strip. It is, however, highly desirable to reinforce the other end of the strip, to avoid tearing of an exposed end by careless handling.

Having now fully described my invention, what I claim and desire to protect by Letters Patent is:

1. A reel for holding, exhibiting and permitting the progressive delivery of, a coil of fabric, comprising spaced apart discs and

means to rotatably support a coil of fabric between them, a protective strip of transparent material spanning the space between the peripheries of the discs and extending around the reel for a distance less than a complete circumference to provide an open arcuate space between the ends of the strip, and a reinforcing strip to which an end of the transparent strip is secured.

2. A reel for holding, exhibiting and permitting the progressive delivery of, a coil of fabric, comprising spaced apart discs and means to rotatably support a coil of fabric between them, a protective strip of transparent material spanning the space between the peripheries of the discs and extending around the reel for a distance less than a complete circumference to provide an open arcuate space between the ends of the strip, the longitudinal edges of the transparent strip being secured to the outer faces of the marginal parts of the discs, and an exterior disc secured to the outer face of each disc and overlying and concealing the corresponding edge of the transparent strip.

3. A reel for holding, exhibiting and permitting the progressive delivery of, a coil of fabric, comprising spaced apart discs and means to rotatably support a coil of fabric between them, a protective strip of transparent material spanning the space between the peripheries of the discs and extending around the reel for a distance less than a complete circumference to provide an open arcuate space between the ends of the strip, and a reinforcing member to which an end of the transparent strip is secured and which extends across the space between discs and is secured at its opposite ends to the respective discs.

In testimony of which invention, I have hereunto set my hand, at Philadelphia, Pennsylvania, on this 24th day of November, 1926.

EDWIN M. GOLDSMITH.