H. T. SUBLISKY.

FILM HOLDER.

APPLICATION FILED FEB. 27, 1918.

1,279,607. Patented Sept. 24, 1918.

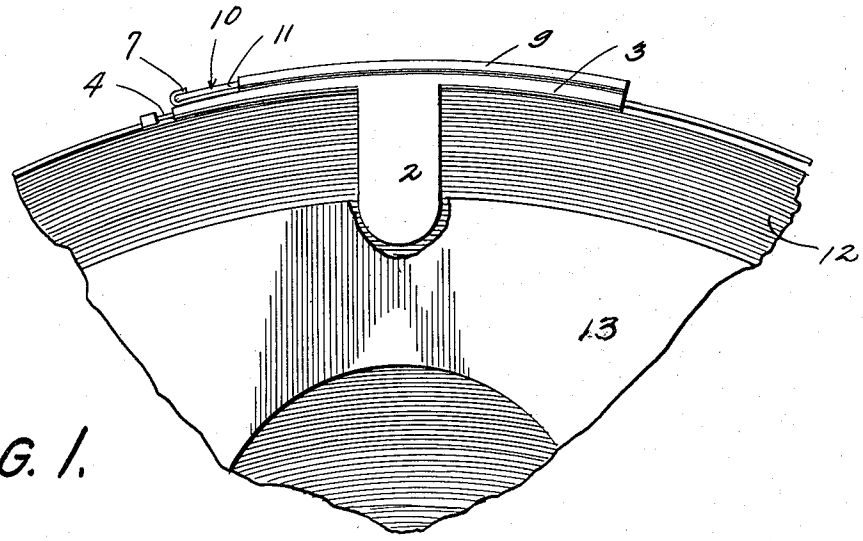


FIG. 1.

FIG. 2.

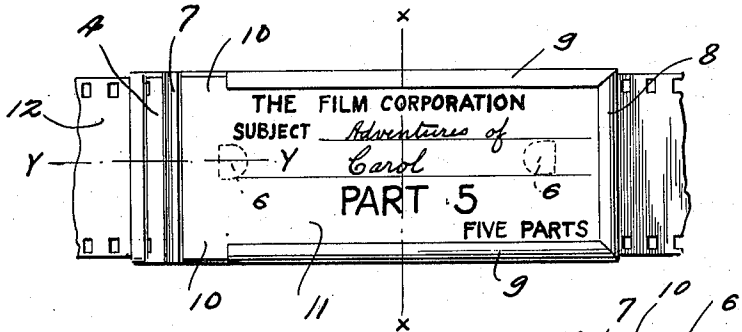


FIG. 3.

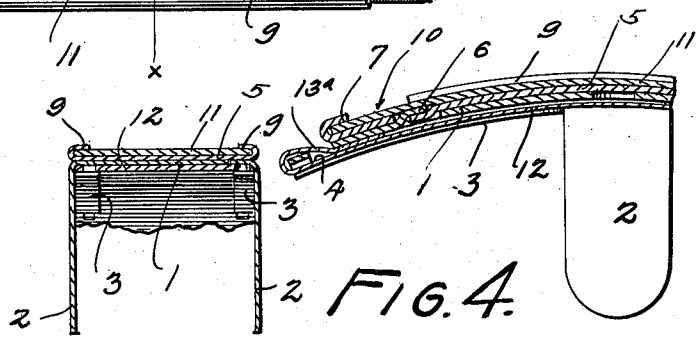


FIG. 4.

INVENTOR

Henry T. Sublisky

WITNESSES

H. Wallace.

V. B. Hilleyard.

BY Richard B. Owen.

ATTORNEY

UNITED STATES PATENT OFFICE.

HENRY T. SUBLISKY, OF CEDAR RAPIDS, IOWA.

FILM-HOLDER.

1,279,607. Specification of Letters Patent. Patented Sept. 24, 1918.

Application filed February 27, 1918. Serial No. 219,514.

To all whom it may concern:

Be it known that I, HENRY T. SUBLISKY, a citizen of Russia, residing at Cedar Rapids, in the county of Linn and State of Iowa, have invented certain new and useful Improvements in Film-Holders, of which the following is a specification.

The invention provides a device which, in practice, secures the loose end of a film or like article, and which will prevent lateral displacement of the layers in excess of the capacity of the reel or spool, the article also being adapted to receive a label, tag or the like for identifying the nature of the film, and the device being of such formation as to obviate the many objections urged against the use of means commonly employed for securing the film when wound upon a reel or spool.

A further purpose of the invention is the provision of a holder which may be readily adjusted to the reel and film, and which may be cheaply and economically manufactured and which is efficient, dependable and capable of being readily applied to or detached from the reel as required, to admit of its repeated use.

The drawing illustrates a preferred embodiment of the invention, however, it is to be understood that in adapting the same to meet different conditions, various changes in the form, proportion, and minor details of construction may be resorted to without departing from the nature of the invention as claimed hereinafter.

In the drawing:

Figure 1 is a side view of the invention showing it applied.

Fig. 2 is a top plan view.

Fig. 3 is a cross section on the line *x*—*x* of Fig. 2.

Fig. 4 is a longitudinal section of an end portion of the device on the line *y*—*y* of Fig. 2 showing the parts on a slightly larger scale.

Corresponding and like parts are referred to in the following description and indicated in the several views of the drawings by like reference characters.

The holder embodies a plate 1 which is oblong and curved throughout its length, said plate preferably consisting of sheet metal of a gage to admit of the curvature of the plate being varied to meet reels of different diameters so as to lie snugly against the outermost layer of the film wound thereon. Arms 2 project from opposite longitudinal edges of the plate 1 and are preferably disposed centrally of the plate, and these arms perform a dual function, namely, to retain the holder in place and also to embrace excess layers of the film and prevent lateral displacement thereof as indicated in Fig. 1. The arms 2 form a part of the plate 1 and consist of wings which are bent from the same side of the plate into parallel position to embrace opposite sides of the layers of the film when wound upon the reel or spool. Opposite longitudinal edge portions of the plate are recurved or folded upon the body of the plate, as indicated at 3, to form flanges which engage the outermost layer of the film, the same being confined between the flanges 3 and the plate 1, as indicated most clearly in Figs. 3 and 4. The plate 1 has a transverse slot 4 formed therein at one end to provide for the terminal portion of the film when the latter is folded upon itself as indicated most clearly in Fig. 4. In this manner, the end portion of the film is made secure and the holder held against movement on the reel.

A second plate 5 is placed upon the plate 1 and corresponds approximately in size thereto. While the plate 5 may be secured to the plate 1 in any manner, nevertheless the means illustrated are preferred because of their simple nature and the avoidance of extraneous fastenings. As shown tongues 6 are partly cut from opposite end portions of the plate 1 and are passed through openings formed in the plate 5 and are bent so as to overlie the plate 5 and retain it in place. As indicated most clearly by the dotted lines in Fig. 2, the tongues 6 are reversely bent thereby securing the plate 5 to the plate 1. The plate 5 has its edge portions recurved or folded to form end flanges 7 and 8, and side flanges 9. The side flanges 9 are cut away for a short distance at one end to provide spaces 10 between the end flange 7 and the contiguous ends of the side flanges 9. These spaces 10 provide for placing a label 11 or the like in position and removing the same when required. The edge portions of the label, tag or like part 11 are confined by the flanges 7, 8, and 9, it being understood that the end portion of the label adjacent the flange 7 is adapted to be sprung under such flange when placing the label in position, the spaces 10 providing for such manipulation.

In the application of the invention a film 12, after being wound upon a reel or spool 13 is adapted to have its loose end portion made secure by passing the same under the plate 1 and between such plate and the side flanges 3 thereof. The terminal portion of the film is returned upon itself as indicated at 13^a in Fig. 4, and is passed through the transverse slot 4 and between the film and the plate 1. The holder is now placed upon the outermost layer of the film wound upon the reel 13 with its arms 2 embracing and extending along opposite sides of the layers, portions of the arms passing between the layers and the sides of the reel or spool, thereby retaining the parts in the adjusted position. In the event of the layers not reaching the outer edges of the sides of the reel, the arms 2 will be disposed wholly between the sides of the reel and the layers of the film wound thereon. In case the layers are in excess of the diameter of the reel, as indicated in Fig. 1, end portions of the arms 2 only will come between the sides of the reel and the layers of the film, the excess layers of the film being comprised between the arms 2 and prevented from lateral displacement thereby, as will be readily understood.

What I claim is:

1. A holder for films and the like adapted to be wound upon a reel or spool, said holder comprising a plate having a transverse slot near one end and provided at opposite longitudinal edges with film engaging flanges, and having side arms adapted to embrace the layers of the film.

2. A holder of the character specified, comprising a plate having its longitudinal edge portions recurved and formed with oppositely disposed arms, said plate having tongues partly cut and pressed therefrom, a second plate having openings to receive said tongues which are bent to overlap the same, said second plate having edge portions recurved to provide label holding means.

3. A film holder, comprising a longitudinally curved oblong plate having a transverse slot at one end, recurved longitudinal edge portions to engage opposite edge portions of the outer layer of the film, and having arms at opposite edges to engage the outer layers of the film and preventing lateral displacement thereof, and a second plate secured to the convex side of the film engaging plate and having its edges bent inward to form end and side label engaging flanges, the side flanges being cut away at one end to provide spaces for the ingress and egress of a label.

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

HENRY T. SUBLISKY.

Witnesses:
W. D. MOSCRIP,
ALFRED C. SMITH.