T. S. HALL.

TAPE PACKAGE.

APPLICATION FILED APR. 12, 1913.

1,135,110. Patented Apr. 13, 1915.

Fig: 1,

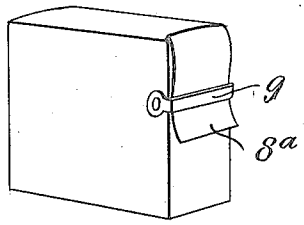


Fig: 2,

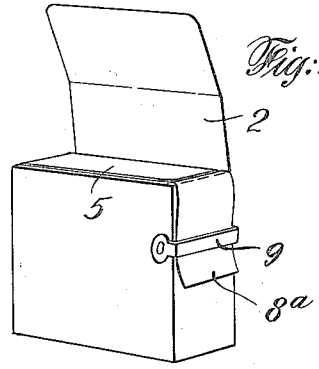


Fig: 3,

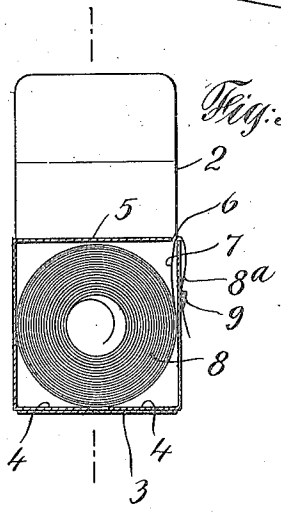


Fig: 4,

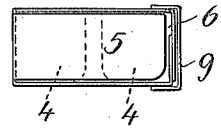


Fig: 5

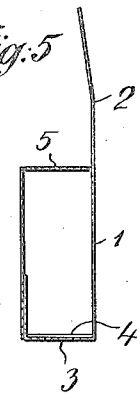
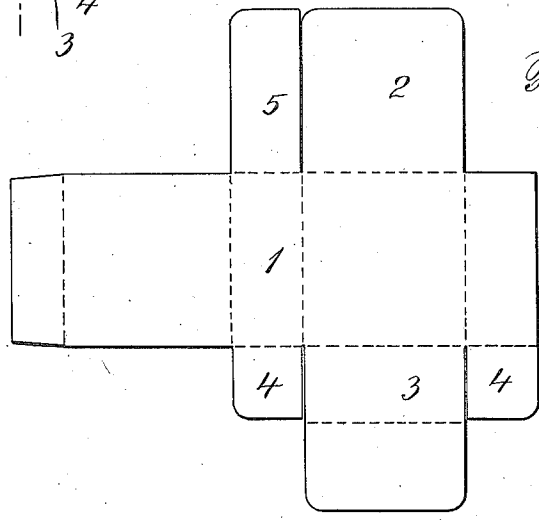


Fig: 6,



Witnesses:
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UNITED STATES PATENT OFFICE.

THOMAS SHAW HALL, OF MOUNT VERNON, NEW YORK.

TAPE-PACKAGE.

1,135,110. Specification of Letters Patent. Patented Apr. 13, 1915.

Application filed April 12, 1913. Serial No. 760,685.

To all whom it may concern:

Be it known that I, THOMAS SHAW HALL, a British subject, and a resident of Mount Vernon, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Tape-Packages, of which the following is a specification.

My invention relates to improvements in packages of tape, ribbon, etc., and comprises an improved containing box or carton, which customarily will be constructed of paper or pasteboard, but may be constructed of other materials; and my invention further comprises the combination with such box or carton of a roll of tape or the like arranged within that box or carton in the particular manner hereinafter described.

The objects of my invention are to provide an improved package for tape, ribbon and the like, which shall be simple and inexpensive, which shall facilitate the drawing out of any desired length of the tape or the like while protecting the remainder of the tape or the like from unrolling, which shall protect the main body of tape effectively against dust, moisture and the deteriorating action of light and air, and which shall expose a sufficient portion of the end of the tape or the like to show at a glance the character of the contents of the package.

I will now proceed to describe my invention with reference to the accompanying drawings and will then point out the novel features in a claim.

In the drawings: Figure 1 shows a perspective view of the package. Fig. 2 is a similar view with the top of the package raised. Fig. 3 shows a vertical section of the package. Fig. 4 shows a plan of the package. Fig. 5 shows a vertical transverse section of the package. Fig. 6 shows the blank from which the box or carton is made.

The improved box or carton embodying my invention comprises the usual main section 1 forming the four sides with top and bottom flaps 2 and 3 respectively, and two bottom side flaps 4; but at the top, instead of having two side flaps, as is the case with ordinary folded paper boxes, it has a single side flap 5, extending from one side of the box nearly to the opposite side thereof, as shown particularly in Figs. 2 and 3, a narrow slot 6 being left through which the tape 7 may be drawn out.

8 in Fig. 3, designates the roll of tape or the like within said box, and 8^a, in Figs. 1, 2 and 3, designates a projecting end of said tape, which has been led through said slot 6 and down along one end of the box and between that end of the box and a clip 9 which serves to hold that projecting end portion of the tape in place. This end clip 9 may be secured to the sides of the box in any suitable manner, as for example by rivets as shown. The lower edge of the retaining clip 9 is preferably sharp, and forms a cutting edge.

The material of the tape roll 8 is wound, as indicated in Fig. 3, in such manner that the tape is drawn from the bottom of the roll. This is important, since with the tape so rolled, as the tape is drawn from the box, and the roll 8 is consequently caused to rotate, said roll tends to move away from the slot 6, thereby avoiding any tendency of the roll to block said slot. The utility of this effect is not so apparent when the roll is of maximum size, as indicated in Fig. 3; but when, through unrolling, said roll becomes quite small, this particular arrangement becomes quite important, particularly if the tape be gummed tape, with a consequent possible slight tendency of the several turns to cling together.

What I claim is:—

A carton for the purpose described comprising a side flap extending from one side of the carton across the carton approximately to the opposite side of the carton, and there terminating, whereby an open space is provided between the end of that flap and the adjacent side of the carton for the drawing out of tape or the like within the carton, said carton further comprising an end flap adapted to cover said side flap.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

THOMAS SHAW HALL.

Witnesses:

H. M. MARBLE,

PAUL H. FRANKE.