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2,560,065

SEALING MACHINE ATTACHMENT FOR GUMMED TAPE DISPENSERS

Original Filed Jan. 29, 1944

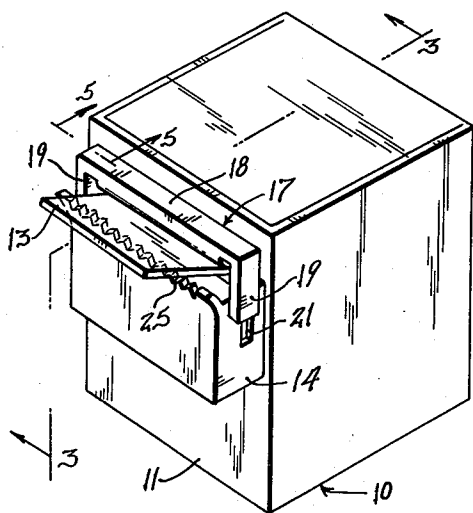


Fig. 1.

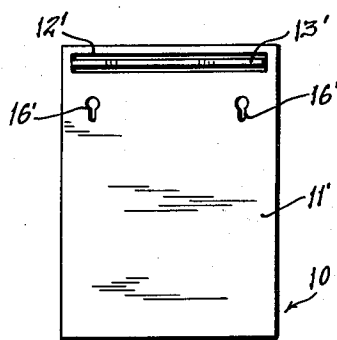


Fig. 2.

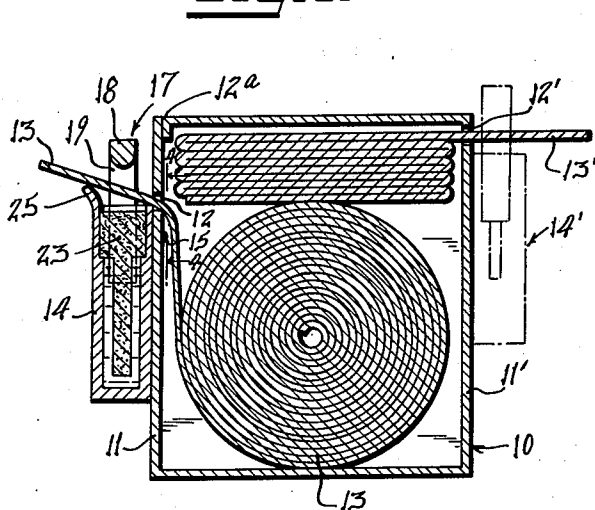


Fig. 3.

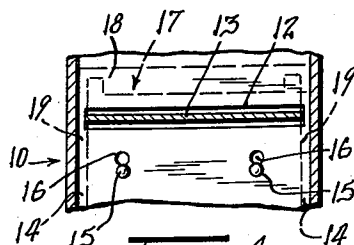


Fig. 4.

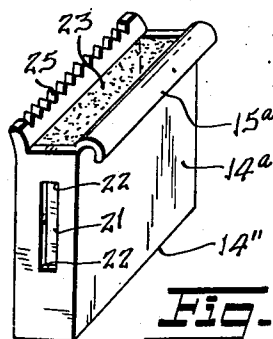


Fig. 5.

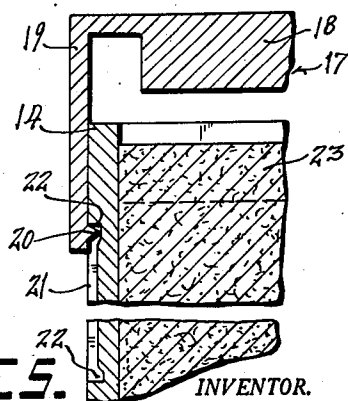


Fig. 6.

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UNITED STATES PATENT OFFICE

2,560,065

SEALING MACHINE ATTACHMENT FOR
GUMMED TAPE DISPENSERS

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Substituted for abandoned application Serial No.
520,364, January 29, 1944. This application
January 21, 1950, Serial No. 139,933

4 Claims. (Cl. 91-14.5)

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This invention relates to new and useful improvements in a sealing machine attachment for gummed tape dispensers. This is a substitute for my abandoned application filed on January 29, 1944, Serial Number 520,364.

More particularly, the invention proposes an attachment for a gummed tape dispenser having a wall with a slot through which the gummed tape passes. It is proposed to provide an open top vessel for water, associated with means by which this vessel may be mounted on its back side upon said gummed tape dispenser at a point beneath said slot. A depressible tape guiding frame is vertically slidably mounted on said vessel for making it easy to dip said gummed tape into the vessel when desired.

It is proposed to provide said vessel with a wick for wetting the gummed side of said tape.

The invention further contemplates the provision of serrations upon the front top edge of said vessel forming an edge which will facilitate tearing a section of the wetted gummed tape from the remaining portion.

Still further the invention proposes to so arrange the attachment that it may be mounted in various positions on the gummed tape dispenser, as required.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure—

Fig. 1 is a perspective view of a gummed tape dispenser provided with a sealing machine attachment constructed in accordance with this invention.

Fig. 2 is an elevational view of the gummed tape dispenser disclosed in Fig. 1 viewed from the right hand side.

Fig. 3 is a vertical sectional view taken on the line 3-3 of Fig. 1.

Fig. 4 is a fragmentary vertical sectional view taken on the line 4-4 of Fig. 3.

Fig. 5 is a fragmentary enlarged vertical sectional view taken on the line 5-5 of Fig. 1.

Fig. 6 is a perspective view of the wetting vessel constructed according to a modified form of this invention.

The sealing machine attachment, in accordance with this invention, is intended for a gummed tape dispenser 10 having a wall 11 formed with a slot 12 through which the gummed tape 13 passes. An open top vessel 14 is adapted

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to hold water or other wetting agents. This vessel 14 is associated with means by which it may be attached upon said gummed tape dispenser 10 at a point directly beneath the slot 12.

5 This means comprises several headed studs 15 mounted upon the back wall of said vessel 14 and cooperative with complementary bayonet slots 16 formed in said wall 11.

A depressible tape guiding frame 17 is vertically slidably mounted on the vessel 14 and is for the purpose of dipping the gummed tape into the vessel when this is desired. This frame 17 is of substantially inverted U-shaped shape having a top arm portion 18 and side arms 19. The side arms 19 are provided with inwardly directed projections 20 engaging vertical slots 21 formed upon the sides of the vessel 14. These slots 21 have recessed or deep ended top and bottom end portions 22 into which the projections 20 may resiliently engage to hold the frame 17 in an elevated and in a lowered position.

A wick 23 is mounted within the vessel 14 and is adapted to absorb the liquid from the vessel. This wick 23 is at the top of the container 14 so that the gummed tape 13 may be pressed against the wick when it is desired to wet same. The top arm 18 of the frame 17 is formed with a rounded bottom portion, see particularly Figs. 1 and 3, which is capable of holding the gummed tape 13 against the wick 23 when the frame 17 is in its lowered position. This rounded portion permits the gummed tape 13 to be drawn out to a selected length.

The top front edge of the vessel 14 is formed with serrations 25 facilitating tearing off of the wetted piece of gummed tape 13.

The gummed tape dispenser 10 is disclosed of a type having more than one extending web of gummed tape. For this reason the dispenser 10 is provided with another wall 11' provided with another slot 12' through which another web portion of gummed tape 13' extends. This wall is provided with bayonet slots 16' for receiving the headed studs 15 of the vessel 14. For this reason the vessel 14 may be mounted on the wall 11', as indicated by the dot and dash lines 14'.

In Fig. 6 the wetting vessel 14'' is illustrated with a downwardly curved lip 15^a at the upper edge of its inner side wall 14^a, adapted to be engaged in the slots 12 or 12' for supporting the wetting vessel 14'' on the gummed tape dispenser 10. In other respects this form of the invention is similar to that previously shown and like reference numerals identify like parts in each of the several views.

The operation of the attachment is as follows:

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The gummed tape is threaded through the frame 17 and across the top of the vessel 14. The outer end of the gummed tape may be gripped to extend same. If it is desired to simultaneously wet the gummed tape the frame 17 is pushed downwards to its bottom position in which the projections 20 from the side arms 19 engage the bottom recessed portions 22. The top arm 18 then holds the gummed tape against the wick 23 of the vessel 14 so that it is moistened as it is drawn out.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. In combination with a gummed tape dispenser having a wall with a slot through which the gummed tape passes, an open top vessel for water, means for attaching said vessel at its back side upon said gummed tape dispenser at a point beneath said slot, and a depressible tape guiding frame vertically slidably mounted on said vessel for dipping said gummed tape into said vessel, said attaching means comprising headed studs on said vessel engageable with bayonet openings formed on said wall.

2. A gummed tape dispenser having a wall with a slot through which the gummed tape passes and upon which an open top vessel for water is adapted to be supported immediately below said slot, an open top vessel mounted on said wall below said slot and having a wick for moistening the gummed tape as it is drawn through the slot, means on said vessel for holding the tape being drawn through the slot in contact with the wick to insure its becoming moistened, comprising a tape guiding frame of inverted U-shape having a top arm formed with a rounded bottom face for urging the tape against said wick and side arms extending downwards along the sides of said vessel, and projections on the free ends of said side arms slidably engaging complementary vertical slots formed in the adjacent sides of said vessel permitting said frame to be raised from a lowered operative position to a raised inoperative position and vice versa.

3. A gummed tape dispenser having a wall with a slot through which the gummed tape passes and upon which an open top vessel for water is adapted to be supported immediately below said slot, an open top vessel mounted on the said wall below said slot, a wick in said vessel and exposed

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in the open top thereof for moistening the gummed tape as it is drawn through the slot, means on said vessel for holding the tape being drawn through the slot in contact with the wick to insure its becoming moistened, comprising a tape guiding frame of inverted U-shape having a top arm formed with a rounded bottom face for urging the tape against said wick and side arms extending downwards along the sides of said vessel and projections on the free ends of said side arms slidably engaging complementary vertical slots formed in the adjacent sides of said vessel permitting said frame to be raised from a lowered operative position to a raised inoperative position and vice versa, said projections being engageable into complementary recesses at the bottoms of said slots when said guiding frame is lowered for releasably retaining said guiding frame in an operative lowered position.

4. A gummed tape dispenser having a wall with a slot through which the gummed tape passes and upon which an open top vessel for water is adapted to be supported immediately below said slot, an open top vessel mounted on the said wall below said slot, a wick in said vessel and exposed in the open top thereof for moistening the gummed tape as it is drawn through the slot, means on said vessel for holding the tape being drawn through the slot in contact with the wick to insure its becoming moistened, comprising a tape guiding frame of inverted U-shape having a top arm formed with a rounded bottom face for urging the tape against said wick and side arms extending downwards along the sides of said vessel, and projections on the free ends of said side arms slidably engaging complementary vertical slots formed in the adjacent sides of said vessel permitting said frame to be raised from a lowered operative position to a raised inoperative position and vice versa, said projections being engageable into complementary recesses at the tops of said slots when said guiding frame is raised for releasably retaining said guiding frame in an inoperative raised position.

ABRAHAM AVRICK.

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The following references are of record in the file of this patent:

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