Aug. 4, 1970 J. ZBINDEN ET AL 3,523,053

TAPE APPLICATOR DISPENSER

Filed May 14, 1968 2 Sheets-Sheet 1

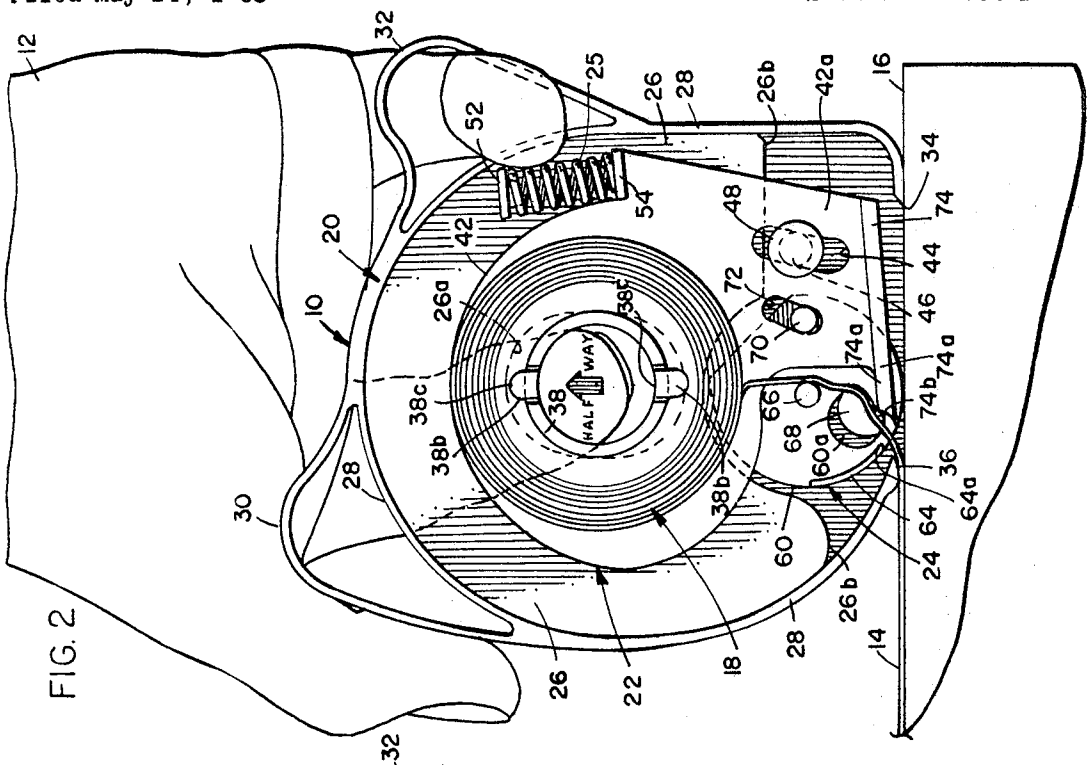


FIG. 2

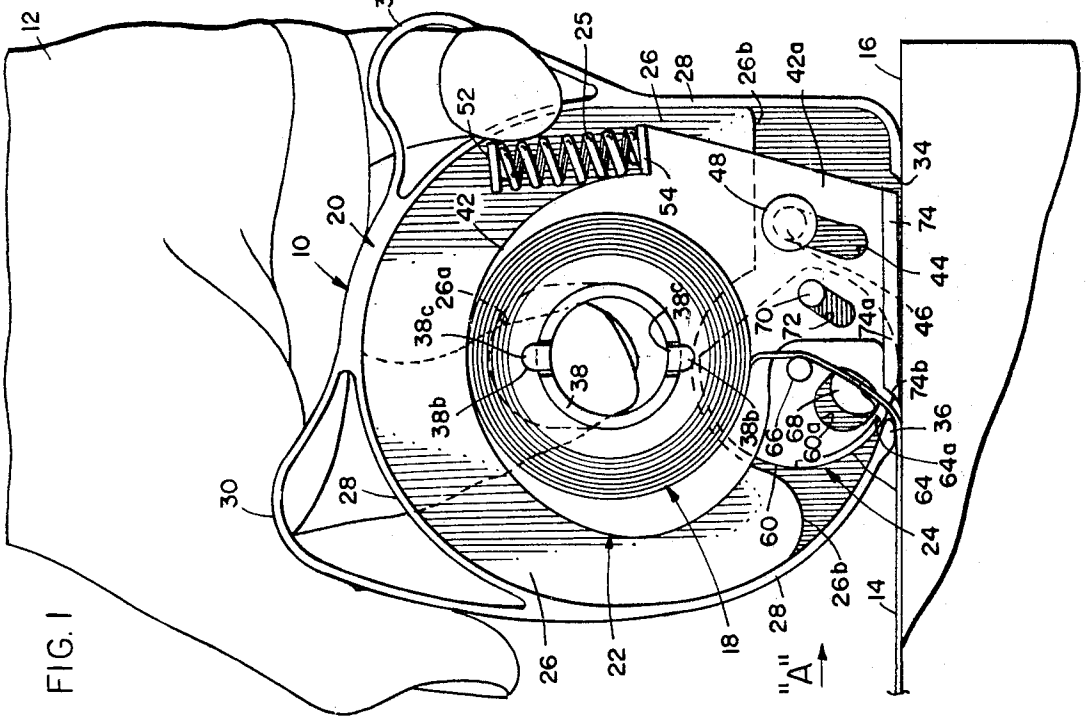


FIG. 1

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FIG. 5

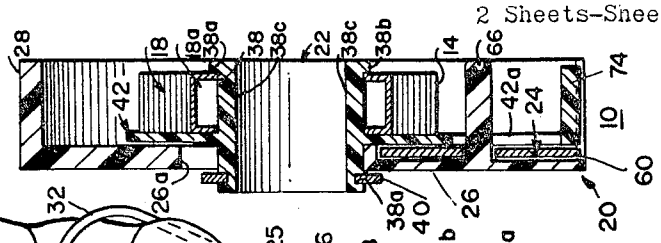


FIG. 4

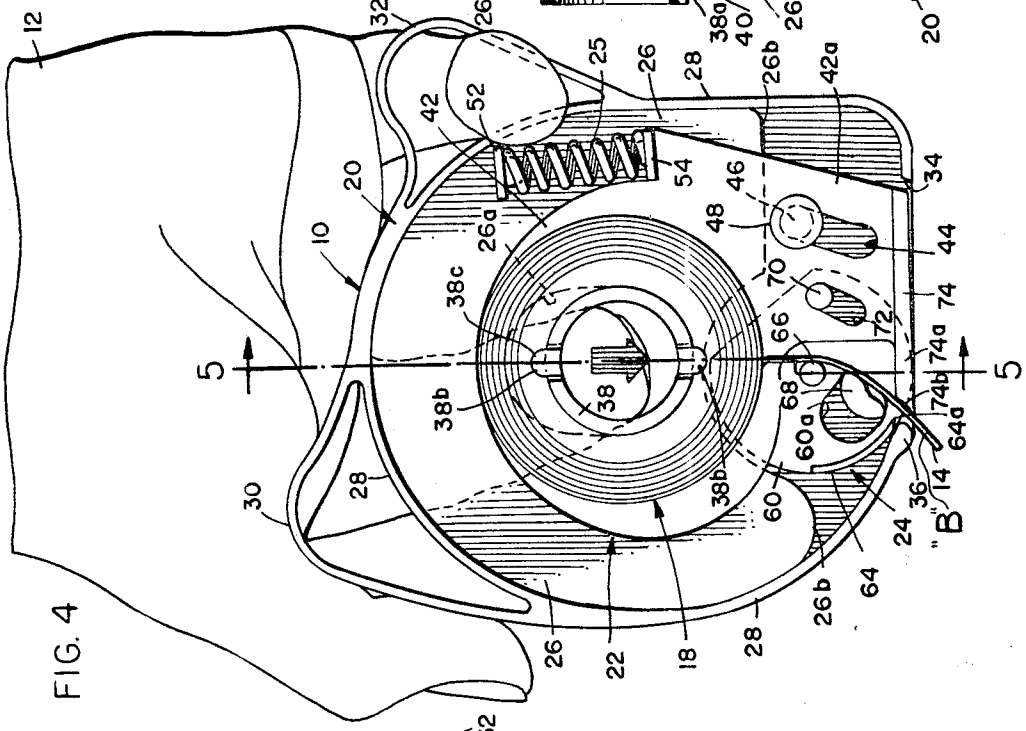
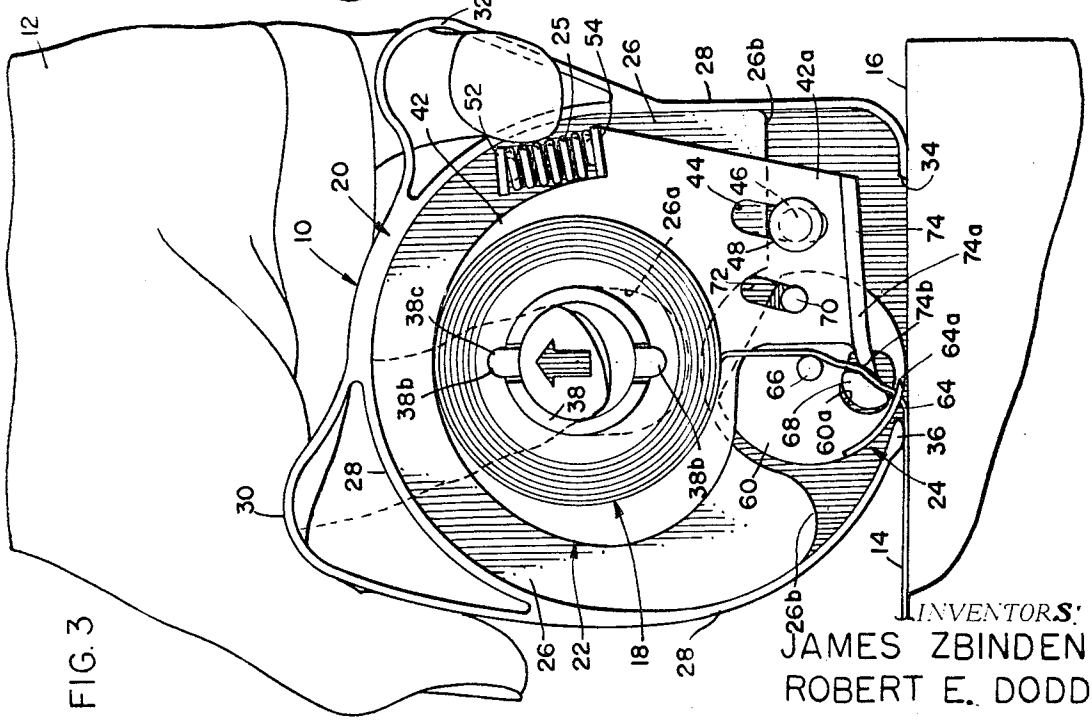


FIG. 3



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TAPE APPLICATOR DISPENSER

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ABSTRACT OF THE DISCLOSURE

An applicator dispenser for holding and applying adhesive tape supplied from a roll onto an external surface. Tape carrier means rotatably supporting the tape roll in the body and movable toward and away from the dispensing opening is provided with clamping means thereon having a forward edge for contacting the adhesive side of the tape remote from the tape roll and movable between a downward position adjacent the pressure surface and upward position remote therefrom towards the roll. Fixed snubbing post means are provided on the body between the tape roll and the pressure means for supporting the nonadhesive side of the tape remote from the roll when the clamping means is moved into said upward clamping position, with the forward edge thereof forcing the tape against the snubbing post in clamped relation. Cutter means is mounted on the body and is operatively interconnected with the carrier for cutting the tape from the nonadhesive side thereof between the snubbing post and the pressure means upon movement of the carrier to said upward position.

The present invention relates to a new and improved applicator dispenser of the portable type adapted for holding and applying adhesive tape onto the surface of an external object, such as a box, package, shelf, or the like, surface. With the increased usage of various kinds of pressure sensitive tape, it is desirable to provide a new and improved dispenser applicator which is capable of holding an extended length of tape on a roll and, by easy manipulation of the unit, applying any desired length of tape onto an external surface. Many prior devices for this purpose have been extremely complicated and complex and have not been reliable in operation. It is intended in the present inventio nto provide a new and improved applicator dispenser which is not only simple and economical of construction but is foolproof in operation and one which can be produced on a mass production basis at low cost.

It is therefore an object of the present invention to provide a new and improved dispenser applicator for applying adhesive tape supplied from a roll onto an external surface.

Another object of the present invention is the provision of a new and improved tape applicator dispenser of the character described wherein any desired length of tape can be applied to an external object and automatically severed at the desired point.

Another object of the present invention is the provision of a new and improved tape applicator dispenser of the character described wherein after each application and severance of the tape a short leader portion of tape is automatically extended outwardly of the dispenser body in a position ready for the next application.

Another object of the present invention is the provision of a new and improved applicator dispenser of the character described in which the tape is severed from the nonadhesive side, thereby precluding the possibility of the tape sticking to the cutting means.

Another object of the present invention is the provision of a new and improved tape applicator dispenser employing improved tape shearing or severing means which is automatically actuated and is entirely housed within the dispenser body so that the cutting edge is not exposed.

Another object of the present invention is the provision of a new and improved tape applicator dispenser which requires a minimum number of component parts, which components can be formed of molded plastic material on a mass production basis.

Another object of the present invention is the provision of a new and improved tape applicator dispenser which is light in weight, small in size, and easily manipulated to dispense and apply tape.

Another object of the present invention is the provision of a new and improved tape dispenser of the character described which is functionally reliable and not subject to jamming or hangup of the tape in the mechanism.

Still another object of the present invention is the provision of a new and improved tape dispenser wherein a leader portion of the tape extended from the roll is automatically positively clamped while it is severed remote from the supply roll within the body of the dispenser.

Another object of the present invention is the provision of a new and improved tape dispenser of the character described wherein new and improved means are provided for automatically extending a short leader portion of the tape into position ready for the next tape application after each application and cutoff is completed.

Another object of the present invention is the provision of a new and improved tape applicator dispenser wherein a short leader portion of tape is automatically extended outwardly of the body into a position beneath a pressure pad on the body ready for the next application of tape by movement of the pressure pad along the object surface on which the tape is to be applied.

Still another object of the present invention is a tape dispenser applicator having new and improved means for guiding the tape from the tape roll onto an external object without touching the adhesive side of the tape.

Still another object of the present invention is the provision of a new and improved tape dispenser applicator, which can be easily held and operated for the application of tape in one hand.

Still another object of the present invention is the provision of a tape dispenser applicator employing new and improved means for automatically clamping, cutting off, and projecting a portion of the tape into position ready for the next application by a simple unidirectional movement of a finger of the user.

These and other objects of the present invention are accomplished in an illustrated embodiment thereof comprising a tape dispenser having a body with a sidewall and a peripheral edge wall transversely thereof defining an opening on the bottom side of the body for dispensing the tape. A pressure pad is formed along a forward edge of the opening for use in forcing the tape against an external object upon bodily movement of the dispenser body rearwardly. Carrier means rotatively supporting a roll of tape in the body is mounted on the sidewall for movement toward and away from the dispenser opening, and the carrier includes a clamping finger having a forward edge surface adapted to move into contact against the adhesive side of the tape remote from the tape roll during cutoff of the tape at the end of an application. The clamping finger is movable with the carrier between a downward or released position closely adjacent the pressure pad and an upward retracted position remote therefrom toward the roll. A fixed snubbing post is formed on the body between the tape roll and the pressure pad for engaging the nonadhesive side of the tape remote from the roll and providing a clamping surface against which the tape is forced by the clamping finger when it is moved to

the upward, retracted position to positively clamp the tape when it is being severed. A movable cutter is mounted within the body and is operatively interconnected with the carrier in order to automatically cut off the tape from the nonadhesive side between the snubbing post and the pressure means adjacent the opening when the carrier is retracted upwardly. On release of the carrier to return to its normal position, the adhesive side of the tape adheres to the forward edge of the clamping finger and a short leader portion of tape is then extended through the opening in the body into position below the pressure pad ready for the next application of tape.

For a better understanding of the invention, reference should be had to the following detailed description taken in conjunction with the drawings, in which:

FIG. 1 is a side elevational view of a tape dispenser applicator constructed in accordance with the present invention and shown as it is used during the application of tape to an external object;

FIG. 2 is a view similar to FIG. 1 illustrating the tape dispenser after a desired length of tape has been applied and the device is initially actuated to clamp and sever the tape;

FIG. 3 is a view similar to FIG. 2 illustrating the tape dispenser in position as the tape is clamped after cutoff has been effected;

FIG. 4 is a view similar to FIG. 3 illustrating the tape dispenser as it is released after cutoff to feed a short leader portion of the tape outwardly of the body into a position ready for the next application of tape; and

FIG. 5 is a vertical cross-sectional view taken substantially along lines 5—5 of FIG. 4.

Referring now, more particularly, to the drawings, therein is illustrated a new and improved portable, hand operated tape dispenser applicator generally referred to by the reference numeral **10**. The dispenser is adapted to be held in one hand **12** for the application of pressure sensitive tape **14** onto an external surface **16** of an object, such as a box or cover. The tape **14** is of the pressure sensitive type with adhesive material on one side and is supplied from a roll **18** supported on a cylindrical hollow core **18***a* (FIG. 5).

In accordance with the present invention, the tape dispenser **10** includes four main components, namely, a body **20** preferably formed of molded plastic material, a carrier unit **22**, a cutter assembly **24**, and a return spring **25**. The body **20** includes a planar sidewall **26** and an integral edge wall **28** transversely thereof extending around the perimeter. The upper end portion of the sidewall is formed with a pair of upwardly and outwardly projecting hollow loops **30** and **32** adapted to fit the hand of the user and the rearward loop conveniently accommodates the little finger of the hand. The region on the edge wall intermediate the forward loop **30** (which loop accommodates the thumb of the hand) and the rear finger loop **32** is adapted to fit and conveniently accommodate the palm of the hand.

Along the bottom side of the dispenser body **20**, the peripheral edge wall **28** is open to define a rectangular opening **34** through which the tape **14** is dispensed from the roll **20**, and along the forward edge of the opening, the edge wall is formed with a thickened pressure pad **36** which is adapted to force the tape against the object surface **16** from the back or nonadhesive side thereof as the dispenser body **20** is moved in contact with the object surface **16** in a rearward direction, as indicated by the arrow "A" (FIG. 1). The roll of tape **18** is supported on the carrier **22** in the dispenser body **20** for free rotation on a hollow, cylindrical arbor portion **38** extending transversely of the body sidewall **26** and projecting outwardly thereof through an elongated, upwardly extending, centrally positioned guide slot **26***a*. The protruding outer end portion of the arbor **38** is formed with an annular recess **38***a* therein in order to accommodate a snap ring or C-shaped washer **40** which locks the arbor in mounted position on the sidewall **26**, yet permits upward and downward movement thereof in the guide slot **26***a*. The arbor portion **38** is integrally formed with a side plate **42** which projects radially outward thereof and is larger than a full roll of tape. The side plate **42** is slidable in the body with the arbor and bears against the inside surface of the body sidewall **26**. The hollow arbor portion **38** of the tape carrier is large enough to accommodate the middle or index finger of the user inserted therein for moving the carrier in the body **20** toward and away from the dispenser opening **34** at the bottom side of the peripheral edge wall **28**. When the carrier **22** is moved upwardly from the lower end of the guide slot **26***a* (FIG. 1) to the upper end (FIG. 3) the roll of tape **18** is retracted upwardly away from the dispenser opening **34** and pressure pad **36**, and this action pulls a fresh length of tape **14** from the roll. When the pressure user's finger in the arbor **38** is relaxed, the tape carrier **22** is returned downwardly to the normal or lower position (FIGS. 1 and 4) by the spring **25**.

Fresh and expended rolls **18** of the tape **14** are easily placed on or removed from the arbor **38** from the open side of the body **20** and, once a roll is in place on the arbor, it is retained thereon by a pair of diametrically opposed, retaining lugs **38***b* formed at the outer ends of a pair of fingers **38***c* formed by longitudinal slots or cuts in the body of the arbor. The fingers and end lugs are deflectable inwardly as a roll of tape is inserted on or removed from the arbor and, once a roll is in place with its inside surface against the carrier side plate **42**, the fingers return to their normal position and the lugs **38***b* retain the roll on the arbor. The tape carrier **22** is preferably formed of molded plastic material like the body **20** and when assembled onto the sidewall **26** of the body is guided for sliding movement toward and away from the dispenser opening **34** by the engagement of the outer end portion of the arbor **38** within the elongated guide slot **26***a*.

In accordance with the present invention, the side plate **42** of the carrier **22** is formed with a downwardly projecting lower leg portion **42***a* having a slot **44** defined therein. The lower leg **42***a* is guided for sliding movement on the body sidewall **26** by a guide pin **46** integrally formed on the sidewall and extending transverse thereto. The guide pin **46** is seated in the slot **44** and a jam nut or other suitable holding means **48** is mounted on the outer end of the pin after assembly of the carrier **22** on the body **20** to prevent lateral displacement of the carrier away from the sidewall **26** during upward and downward movement.

As best shown in FIGS. 1 through 4, the slot **26***a* in the sidewall **26** is generally vertical or transverse with respect to the bottom side of the body, and the slot **44** in the carrier side plate **42** is eccentric of the arbor and its longitudinal axis slopes upwardly and rearwardly with respect to the vertical. Because of the slope, upon upward retraction of the tape carrier **22**, the carrier plate **42** pivots about the axis of the arbor **38** and the lower leg portion **42***a* moves upwardly and rearwardly away from the pressure pad **36**, as best shown in FIGS. 1, 2, and 3.

The spring **25** normally biases the carrier **22** downwardly toward the position of FIGS. 1 and 4, and for this purpose a lug **52** is integrally formed on the inside surface of the body sidewall **26** to support the upper end of the spring. A similar lug **54** is formed on the side plate **42** of the carrier to support the lower end of the spring so that when the pressure of the finger inserted through the hollow arbor **38** is released, the spring is free to move the tape carrier **22** to the downward position of FIGS. 1 and 4.

In accordance with the present invention, the inside surface of the body sidewall **26** is provided with an enlarged recess **26***b* formed adjacent the lower end portion in order to accommodate a generally circular side plate **60** of the cutter assembly **24**. The cutter assembly includes a knife member **64** at the outer edge of the side plate **60** and transverse thereto having a sharpened lead-

ing edge 64*a* adapted to sever the tape 14 intermediate the roll 18 and the pressure pad 36. The side plate 60 is supported for rotation on a short guide pin or projection 66 integrally formed on the body sidewall 26 extending transverse thereof and positioned intermediate the tape roll and the pressure pad. In addition to supporting the cutter assembly 24 for rotation on the body 20, the guide pin 66 also guides the back or nonadhesive side of the tape 14 between the roll 18 and the pressure pad 36. The dispenser body 20 includes a fixed snubbing post 68 positioned intermediate the guide pin 66 and the pressure pad 36 and integrally formed on the body sidewall 26. The snubbing post 68 extends transversely of the body sidewall and is appropriately contoured in cross section to include a rear surface for supporting the back side of the tape during clamping and cutoff.

In order to limit rotation of the cutter assembly 24 on the body and to eliminate interference between the snubbing post 68 and the cutter sideplate 60, the side plate is formed with a curved, elongated slot 60*a* spaced radially outward of the pivot pin 66 through which the snubbing post extends. As the cutter assembly 24 is rotated between the positions shown in FIGS. 1 and 3, the slot 60*a* moves arcuately relative to the snubbing post, as shown in the drawings.

The cutter assembly is actuated to rotate by engagement between an integrally formed pin 70 which projects laterally outwardly from the side plate 60 eccentric of the pin 66 and extends into a slot 72 formed in the lower projecting leg portion 42*a* of the carrier 22. The slot 72 is formed to slope upwardly and rearwardly of the pressure pad 36 and as the carrier is retracted upwardly, the lower end of the slot begins to move upwardly relative to the pin 70 on the cutter from the position of FIG. 1 to the position of FIG. 2 wherein the lower end of the slot engages the pin 70. During this time, the cutter assembly does not rotate; however, further upward retraction of the tape carrier, because of the engagement between the lower end of the slot and the pin, causes the cutter assembly 24 to rotate in counterclockwise direction from the position of FIG. 2 to the position of FIG. 3, wherein the sharpened leading edge 64*a* of the knife portion 64 cuts through the tape 14 from the nonadhesive side between the pressure pad 36 and the snubbing post 68.

Referring specifically to FIGS. 1 and 2, upon the first portion upward retraction of the carrier 22, the knife 64 remains stationary until the lower end of the slot 72 engages the pin 70 projecting laterally outward from the side plate 60 of the cutter assembly. As further upward retraction of the tape carrier continues from the position of FIG. 2 to the position of FIG. 3, the lower end of the slot engages the pin 70 moving it upwardly, thereby causing the cutter assembly to rotate in a counterclockwise direction about the guide pin 66 so that the leading edge 64*a* of the cutter moves generally transversely across the path of the tape as it is extended between the pressure pad 36 and the snubbing post 68 to cleanly sever the tape from the back side. Because the cutting is accomplished from the nonadhesive side of the tape there is little possibility that the tape will adhere to the cutter edge 64*a* after the cut is completed and when the cutter is returned from the position of FIG. 3 to its normal or unactuated position of FIGS. 1, 2 and 4. When the tape carrier 22 is released after the tape is cut, and the spring 25 returns the carrier downwardly, the upper end of the slot 72 moves downward to engage the pin 70 and begins to rotate the cutter assembly in a clockwise or return direction. As this occurs, the cutting edge 64*a* of the knife moves forwardly to the retracted position (FIGS. 1, 2, and 4) well clear of the path of the tape extending between the pressure pad 36 and the snubbing post 68, and is in position ready for the next cut to be made.

In accordance with an important feature of the present invention, the lower leg portion 42*a* of the carrier side plate 42 is formed with a laterally extending clamping finger 74, preferably integrally molded with the side plate. The finger 74 includes a deflectable forward end portion 74*a* which projects outwardly of the leading edge of the leg portion 42*a* in cantilever fashion, and the forward edge 74*b* of the finger is sloped upwardly and rearwardly with respect to the pressure pad 36. The forward edge surface 74*b* of the finger is adapted to engage the adhesive side of the tape and tightly clamp and hold the tape against the snubbing post 68 when the tape carrier 22 is retracted upwardly (FIG. 3) while the tape is severed. Because the tape is tightly held between the forward edge surface 74*b* of the clamping finger 74 and the rearward, similarly contoured surface of the snubbing post 68, it is under tension between the pressure pad and snubbing post and between the roll of tape and the snubbing post. Accordingly, the cutter edge 64*a* makes a clean cutoff and the tape remains in adhesive attachment against the forward edge of the finger when the carrier is released for return from the position of FIG. 3 to the normal position of FIGS. 1 and 4. Because the tape is severed forwardly or ahead of the forward edge surface 74*b* of the clamping finger 74, a short length of tape or leader "B" (FIG. 4) is projected outwardly through the dispenser opening 34 below the lower edge of the clamping finger when the carrier 22 is released. The leader portion "B" is guided by the forward edge of the clamping finger into a ready position (FIG. 4) extending beneath but spaced from the pressure pad 36 and is in proper orientation ready for the next application of tape to an external object. The forward edge surface 74*b* of the clamping finger is spaced rearwardly of and generally parallel to the back side of the pressure pad when the carrier unit is in the released position of FIGS. 1 and 4 and the leader portion "B" of the tape 14 is thus extended in the proper direction below the pressure pad 36 ready for the next tape application when the dispenser is placed downwardly on a surface and moved rearwardly thereon for the application of tape. During the application of tape, the pressure pad 36 engages the back side of the leader portion "B" of the tape 14, forcing the adhesive side of the tape against the surface 16. The dispenser body 20 is then moved in a rearward direction, and the adhesion between the tape and the surface 16 strips the tape away from the forward edge 74*b* of the finger and from the tape roll 18 as the tape is applied. During a tape application, the back side of the tape is guided from the roll (FIG. 1) by the guide pin 66, snubbing post 68, and pressure pad 36, and the adhesive side of the tape is completely free from engagement with any components of the dispenser.

As shown in FIG. 3, the forward cantilever portion 74*a* of the clamping finger 74 is deflectable downwardly when the tape carrier 22 is moved to the fully retracted position, and this action, as clamping is accomplished, strips a short additional length of tape from the roll to create a slight amount of slack in the tape so that the adhesion of the tape to the finger surface 74*b* will not be impaired as the carrier is released and returns to the position of FIG. 4. In addition, deflection of the finger projection 24*a* increases the clamping pressure on the tape forced against the rearward surface of the snubbing post 68. Because of the high clamping pressure, excellent adhesive attachment between the forward edge surface 74*b* of the finger and the adhesive side of the tape is obtained, and there is very little chance that the tape will become detached from the finger as it is guided into position (FIG. 4) ready for the next application upon release of the carrier unit.

From the foregoing, it will be seen that the tape dispenser of the present invention provides a simple, unique, and reliable means for automatically guiding a leader portion of the tape into proper position for the application of tape to an external object. Cutoff and clamping of the tape are accomplished automatically and cleanly on retraction of the carrier unit 22 by the finger

of the user inserted in the hollow arbor **38**. The knife assembly **24** is thus actuated automatically at the end of each tape application upon retraction of the tape carrier **22** from its normal position (FIG. 1) to the upper position (FIG. 3).

The tape is firmly clamped under tension as cutoff is accomplished by counterclockwise rotation of the leading edge **64***a* of the knife member **64**, and the cut is made from the back side of the tape so that there is little possibility that the tape will adhere to the knife edge and a clean cut is thus insured. During the application of tape onto an external surface, the adhesive side of the tape is completely free of contact with any components of the dispenser and is amply guided from the tape roll **18** by the guide pin **66**, snubbing post **68**, and pressure pad **36**.

From the foregoing, it will be seen that the dispenser of the present application provides a new and unique means for applying pressure sensitive tape onto external surfaces. The dispenser has a minimum number of parts, all of which, except the spring **25**, can be fabricated of plastic material at low cost.

Although the present invention has been described with reference to a single illustrative embodiment thereof, it should be understood that numerous other modifications and embodiments can be devised by those skilled in the art that will fall within the spirit and scope of the principles of this invention.

What is claimed as new and desired to be secured by Letters Patent of the United States is:

1. A dispenser for applying adhesive tape supplied from a roll onto an external surface comprising a body having a sidewall and a peripheral edge wall defining an opening on the bottom for dispensing said tape, pressure means along a forward edge of said opening for forcing tape against said surface upon bodily movement of said dispenser rearwardly therealong, tape carrier means rotatively supporting said tape roll in said body and movable toward and away from said opening, clamping means on said carrier having a forward edge for contacting the adhesive side of said tape remote from said roll and movable between a downward position adjacent said pressure means and an upward position remote therefrom toward said roll, snubbing post means on said body between said tape roll and said pressure means for supporting the nonadhesive side of said tape remote from said roll when said clamping means is moved to said upward position with said forward edge thereof forcing said tape against said snubbing post means in clamped relation, and cutter means on said body operatively interconnected with said carrier means for cutting said tape from the nonadhesive side between said snubbing post and said pressure means upon movement of said carrier means to said upward position.

2. The dispenser of claim **1** wherein said carrier means includes a hollow cylindrical arbor extending normal to said body sidewall for journaling said tape roll, said body sidewall having an elongated slot means defined therein extended upwardly of said bottom for supportnig said arbor therein for sliding movement toward and away from said opening.

3. The dispenser of claim **2** wherein said hollow arbor is dimensioned for receiving a finger of a human hand for manual retraction of said carrier from said downward to said upward position.

4. The dispenser of claim **2** including spring means for biasing said carrier means downwardly in said body toward said opening to said downward position.

5. The dispenser of claim **1** wherein said clamping means comprises an elongated, deflectable finger formed at the lower end of said carrier means projecting forwardly of an edge portion of said carrier toward said pressure means.

6. The dispenser of claim **5** wherein said forward edge of said clamping finger is spaced rearwardly of said pressure means when said carrier means is in said downward position and is movable therewith toward said snubbing post means to clamp said tape thereagainst upon upward retraction of said carrier means toward said upward position.

7. The dispenser of claim **6** wherein said forward edge of said clamping finger is movable away from said snubbing post means with said tape adhesively secured thereto remote from the tape end upon movement of said carrier means from said upward to said downward position.

8. The dispenser of claim **7** wherein the forward edge of said clamping finger slopes upwardly and rearwardly of the bottom of said body for guiding the extension of a short length of tape adhesively secured thereto forwardly and downwardly beneath said pressure means when said carrier means is returned to the downward position.

9. The dispenser of claim **5** wherein said finger is deflectable downwardly toward the bottom of said body when said carrier means is moved to said upward position forcing the forward edge of said clamping means to clamp said tape against said snubbing post.

10. A dispenser for applying adhesive tape supplied from a roll onto an external surface comprising a body having a sidewall and a peripheral edge wall defining an opening on the bottom for dispensing said tape, pressure means formed along a forward edge of said opening for forcing tape against said surface upon bodily movement of said dispenser rearwardly therealong, tape carrier means including a hollow arbor for rotatively supporting said tape roll in said body and mounted on said sidewall for movement toward and away from said opening, clamping means integrally formed on said carrier means and including a forwardly projecting, deflectable finger with a forward edge for contacting the adhesive side of said tape remote from said roll and movable between a downward position adjacent said pressure means and an upward position remote therefrom toward said roll, snubbing post means on said body spaced upwardly remote from said pressure means for supporting the nonadhesive side of said tape remote from said roll when said clamping means is moved to said upward position with said forward edge thereof forcing said tape against said snubbing post means in clamped relation, and cutter means on said body operatively interconnected with said carrier means for cutting said tape from the nonadhesive side between said snubbing post and said pressure means upon movement of said carrier means to said upward position.

11. The dispenser of claim **10** wherein said body sidewall is formed with an elongated slot therein extending upwardly of said bottom, and said arbor extends transversely through said slots and is guided thereby for sliding movement toward and away from said opening.

12. The dispenser of claim **11** wherein said hollow arbor is dimensioned for receiving a finger of a human hand for manual retraction of said carrier from said downward to said upward position.

13. The dispenser of claim **10** including spring means for biasing said carrier means downwardly in said body toward said opening to said downward position.

14. The dispenser of claim **10** including guide pin means on said body intermediate said tape roll and said pressure means for guiding the back side of said tape toward said opening.

15. The dispenser of claim **14** wherein said cutter means is mounted for pivotal movement on said guide pin means.

16. The dispenser of claim **15** wherein said cutter means includes a side plate journaled on said guide pin means and a cutting member at the edge of said plate outwardly of said guide pin means having a cutting edge movable in a circular path and parallel to said guide pin means.

17. The dispenser of claim **16** wherein the path of said edge crosses the path of tape extended between said snubbing post and said pressure pad at substantially a right angle.

18. The dispenser of claim **16** wherein said carrier unit

includes a side plate extending radially outward of said arbor and slidable against the inside surface of said body sidewall.

19. The dispenser of claim **18** wherein the side plate of said cutter means is disposed between a portion of said body sidewall and the side plate of said carrier means.

20. The dispenser of claim **18** including lost motion means for operatively interconnecting said cutter means and carrier means whereby said cutter means remains stationary during a first portion of movement of said carrier means from said downward position toward said upward position and moved to sever said tape on a following second portion of movement of said carrier means into said upward position.

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