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F. M. BECKER  
ADHESIVE TAPE CUTTER

2,484,673

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Fig. 1.

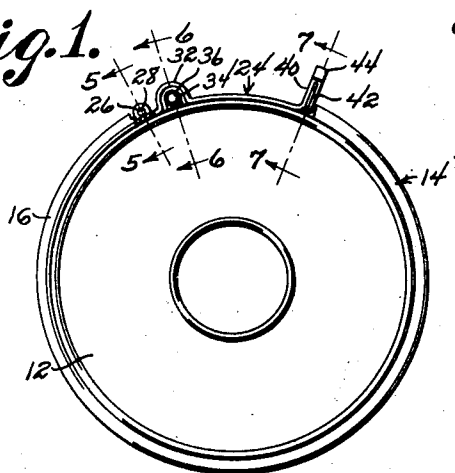


Fig. 2.

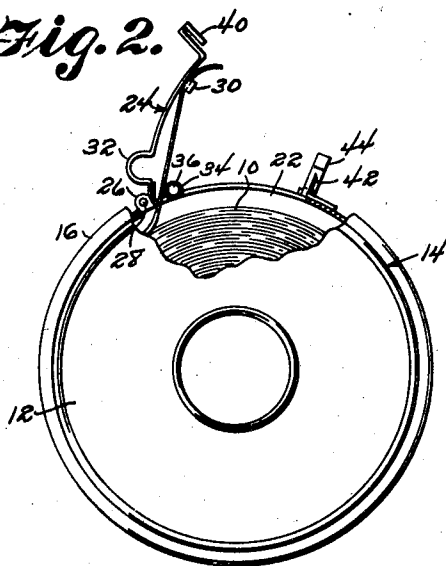


Fig. 3.

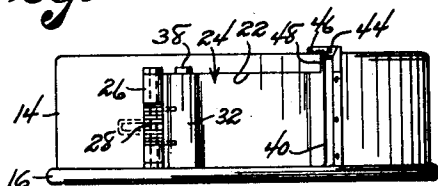


Fig. 5.

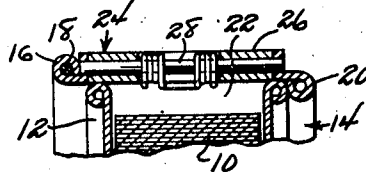


Fig. 4.

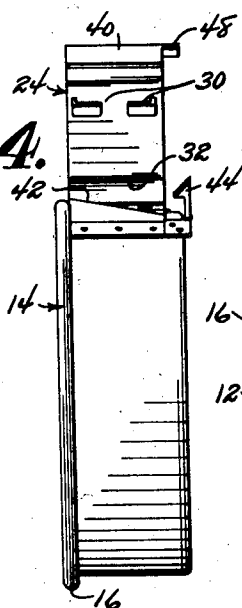


Fig. 6.

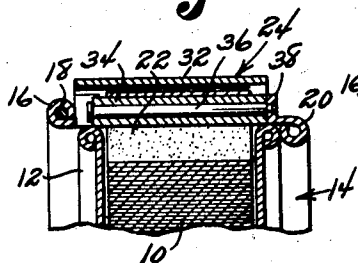
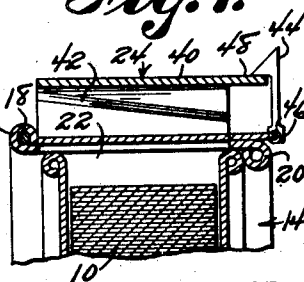


Fig. 7.



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## UNITED STATES PATENT OFFICE

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## ADHESIVE TAPE CUTTER

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Application October 8, 1945, Serial No. 620,913

3 Claims. (Cl. 242—55.5)

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My present invention, in its broad aspect, has reference to improvements in devices for cutting adhesive tape into any desired lengths for use, and more particularly, it is my purpose to provide a handy case to receive a roll of adhesive tape, and which has an opening through which the end of the tape is pulled through a guiding arm on the closure for the openings so that the desired length to be severed is presented to a knife to be severed when the door is closed over the opening. The tape is thus not only conveniently and handily severed into proper lengths as needed, but preserved in a dust proof and sanitary condition between times and a length is always conveniently presented as soon as the closure is opened. A spring means facilitates opening the closure and a handy latch maintains it in proper closed condition until released. My device is simple, inexpensive and easily constructed and may be used for an indefinite length of time and filled with new rolls of adhesive tape.

Other and equally important objects and advantages of my invention will be apparent from the following description and drawings, and it is pointed out that changes in form, size, shape, materials and construction and arrangement of parts may be made and are contemplated within the purview of my broad inventive concept, and the scope of the appended claims.

In the drawings, wherein I have illustrated a preferred form of my invention:

Figure 1 is a front view of my device in closed position;

Figure 2 is the same opened for the withdrawal of tape therefrom;

Figure 3 is a top plan view of my device in closed position;

Figure 4 is a side view of my device in open position;

Figure 5 is a sectional view on the line 5—5 of Figure 1;

Figure 6 is a sectional view on the line 6—6 of Figure 1, and

Figure 7 is a sectional view on the line 7—7 of Figure 1.

In the drawings, wherein like characters of reference are used to designate like or similar parts:

The numeral 10 designates a roll of adhesive tape of conventional form and 12, a spool on which the tape 10 is rolled. My case 14 is cylindrical and has an upwardly rolled edge 16, which is rolled on the wire insert 18 and a downwardly or inwardly rolled edge 20 against which the roll 12 abuts, after the manner indicated in Figures 5,

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6 and 7. The peripheral rim of my case 14 is provided with an opening 22 through which a length of tape to be cut is pulled. The opening has a closure 24 having a spring hinge 26 and pivoted on a pin 28 and opposed guide arms 30 on its under side through which the tape is pulled, forwardly of the hinge 26 the closure 24 is provided with the semicircular portion 32 which is adapted to house the guide roller 34 rotatably mounted on a transversed shaft 36, fixed in the apertured ear 38, formed on the edge 20 of the case 14. The end of the closure 24 has a hooked, or upwardly and downwardly bent guard or cap 40 which fits down over a biased or angled knife edge 42 carried by the case so that it is merely necessary to press down the cover to sever the length of adhesive tape desired. A hook-shaped spring pressed closure clip or latch 44 is pivoted to the case at 46 and fits over the cap 40 and engages the ear 48 formed on the forward end edge of the closure 24.

In use, the spool 12 is slid into the case 14. The tape 10 is then trained through the opening 22 and the arms 30 on the underside of the closure 24. The tape can then be pulled outwardly of the free end of the closure 24 to the desired length. Closing of the closure will bring the tape into engagement with the knife edge 42 by means of the guard 40. The edge 42 will sever the tape and it can be used as desired. When the closure is opened, the tape, at its free end, is always within convenient reach of the user, and the closure, in closed position, prevents the knife, through guard 40, from cutting the user's hand.

From the foregoing it is believed that the objects and advantages of my invention will be apparent, but it is again pointed out that interpretation of the scope of my invention should only be conclusive when made in the light of the subjoined claims.

I claim:

1. A cutter case for adhesive tape rolls, comprising a circular rim having rolled edges, said rim adapted to fit about the tape roll, one of said edges rolled outwardly of said rim to provide an open side to receive the tape roll, the other of said rolled edges forming an abutment for the tape roll said rim having an opening through which lengths of tape to be cut are pulled, a knife on the case at one end of the opening, a closure for the opening pivoted on the rim at the opposite end thereof, said closure having a cap-like end and a support for the tape and movable to a closed position to engage the tape with the knife

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by means of said cap-like end to sever the length desired, pivoted latching means on the case for the closure and spring means for said closure to force said closure to open position.

2. The invention as defined in claim 1 wherein the closure has opposed arms on its underside through which the tape is drawn to be supported for cutting, a guide roller mounted on the rim inwardly of and adjacent to the pivoted end of said closure over which the tape is trained and wherein the cap-like part is bent upwardly and downwardly in the shape of a hook.

3. The invention as defined in claim 1 wherein the knife is angled to present a biased cutting edge, and wherein the latch guard is in the form of a hook fitting over the cap-like end to hold the same in closed position.

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