March 14, 1944. A. J. SIKSTRÖM 2,344,372

MEANS FOR EASILY DELIVERING PAPER, SUCH AS WRAPPING PAPER

Filed Oct. 22, 1940

Fig. 1.

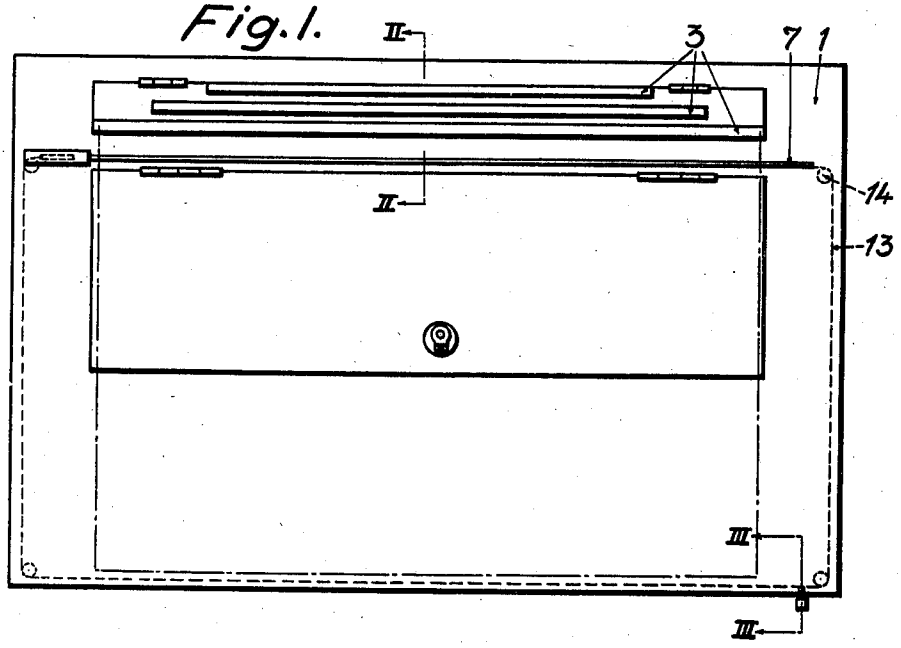


Fig. 2.

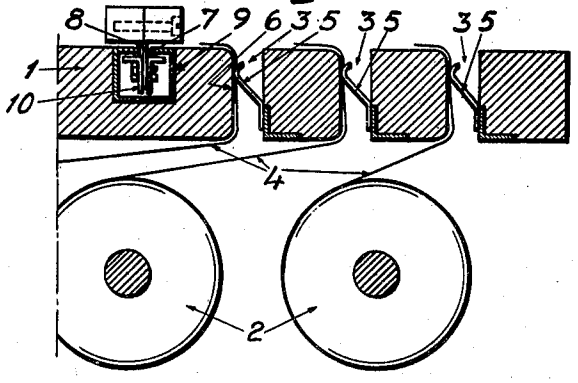


Fig. 3.

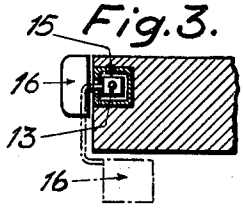
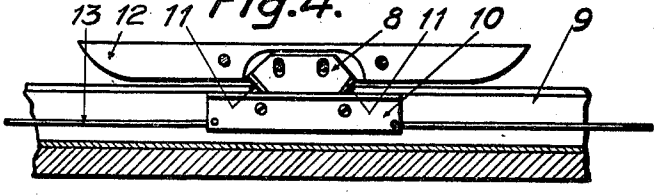


Fig. 4.



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2,344,372

MEANS FOR EASILY DELIVERING PAPER, SUCH AS WRAPPING PAPER

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In Sweden October 17, 1939

1 Claim. (Cl. 242—55.4)

The present invention, which relates to means for easily delivering paper, such as wrapping paper, has not only for its purpose to facilitate the work at wrapping but also and chiefly to save paper. The means according to the invention makes it possible for the wrapper during the wrapping operation to directly and comfortably suit the size of the paper to the shape and nature of the object to be packed so that it will neither be too large nor too small. Said suiting of the size of the paper during the wrapping or packeting cannot be obtained by the known means, and consequently much paper has hitherto been wasted. The means according to the invention is substantially characterized by the fact that the packing paper rollers are rotatably mounted under a table top which is provided with one of several slots through which the paper strips from the said rollers run as well with a groove extending in front of and disposed parallel to said slots, a displaceable knife for cutting off the paper being provided in said groove.

The invention is illustrated in the accompanying drawing, in which:

Fig. 1 is a plan view of a packeting table with means according to the invention,

Fig. 2 is a section on line II—II of Fig. 1,

Fig. 3 is a section on line III—III of Fig. 1, and

Fig. 4 is a detail on a larger scale.

In the drawing the reference numeral 1 indicates a table top under which there is mounted a number of packing paper rollers 2. The long side of the table top is provided with a number of slots 3 corresponding to the number of paper rollers, the paper strips 4 from the rollers 2 extending through said slots to the upper side of the table top. In the slots 3 there are leaf springs 5 which press the paper strips against the wall 6 of the respective slot.

In front of the slots there is in the table top a groove 7 parallel to the slots, a knife 8 being adapted to be displaced in said groove. In the groove there is preferably inserted a bail 9 which is substantially U-shaped in cross section and provided with inwardly folded leg ends. A support 10 for the knife 8 runs in said bail. The knife is provided with two edges 11 disposed at an angle to the plane of the table top. To the knife there is preferably fixed a guide piece 12 for guiding the paper towards the knife.

To the knife support 10 there are fixed the ends of a rope 13 running over rollers 14 round the edge of the table top and placed in a groove 15 along the same. To the rope 13 there is fixed a handle 16 which protrudes outside the groove on the front edge of the table top or is located under the table top in the manner indicated in dot and dash lines in Fig. 3 so that the knife 8 may be displaced by the said handle along the groove 7. The knife may, of course, also be driven by a treadle or electrically.

When using the means one draws from the roller which has the desired width such a long piece of paper as is deemed suitable, for example such a piece as is indicated in dot and dash lines in Fig. 1. The object to be packeted is placed on the paper thus drawn forth. The wrapper will then exactly see how large the sheet of paper must be, all the more as he has a possibility of almost quite finishing the wrapping before he sets the knife to work. After the paper has been cut off the packeting is finished whereafter a new piece of paper is drawn forth and the operation is repeated. As the knife is provided with double edges it need not be returned to its place after each cutting operation but it is used for cutting alternately from left to right.

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

In a wrapping paper dispensing device, the combination of a work table having a flat top provided with a plurality of slots for the passage of paper and a groove running parallel to said slots, rollers for rolls of paper rotatably supported beneath said table, the paper unwinding from said rolls passing through said slots, respectively, over said groove and upon the table top, cutting means guided in and traversing said groove, said cutting means including a knife disposed partly above said table top to sever the paper drawn thereover, a cable running through said groove and along the sides and front of said table top in a substantially horizontal plane below the upper surface of said table top, said cable having its ends attached to said cutting means, and a handle attached to the portion of the cable running along the front of the table top for operating the cable to draw the knife through the groove.

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