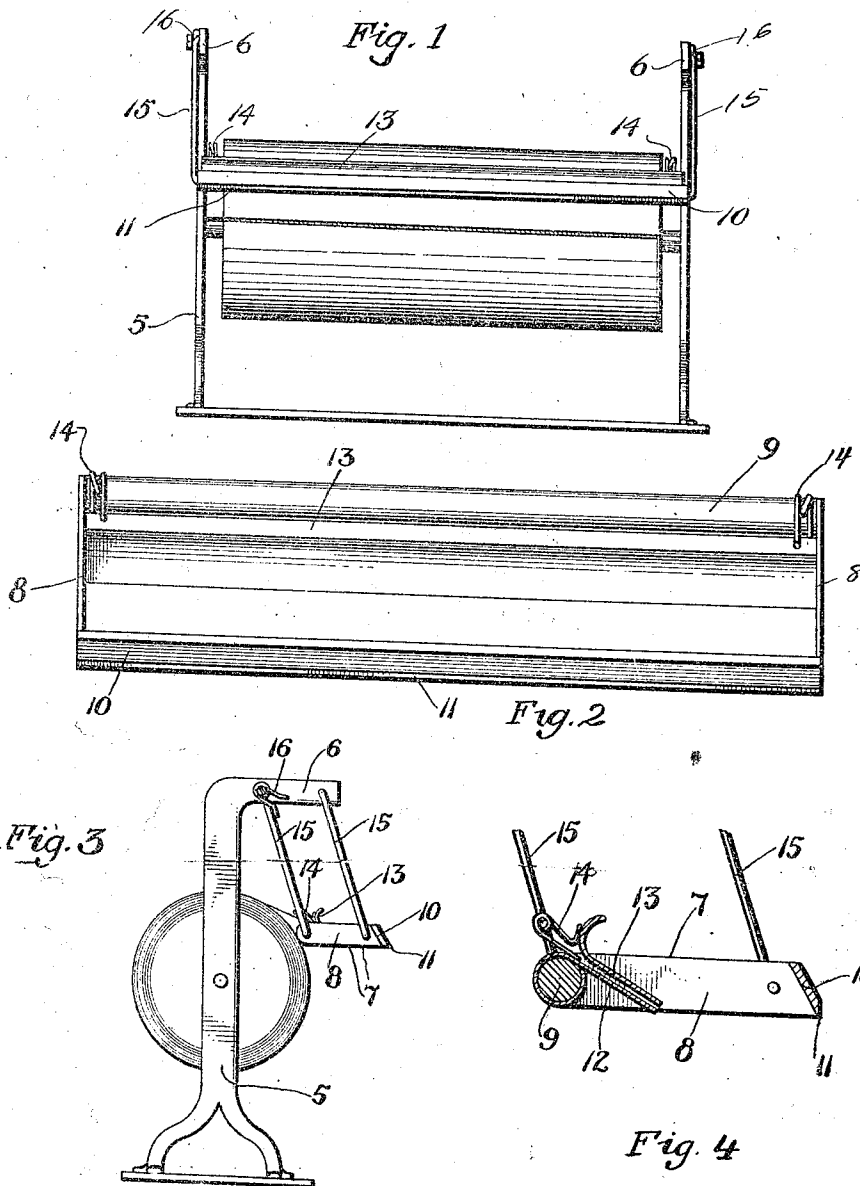


G. NAITO.
CUTTING ATTACHMENT FOR ROLL PAPER HOLDERS.
APPLICATION FILED AUG. 28, 1917.

1,298,081.

Patented Mar. 25, 1919.



Witnesses

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CUTTING ATTACHMENT FOR ROLL-PAPER HOLDERS.

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Specification of Letters Patent.

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Application filed August 28, 1917. Serial No. 188,829.

To all whom it may concern:

Be it known that I, GENGO NAITO, a subject of the Emperor of Japan, residing at Toppenish, in the county of Yakima, State of Washington, have invented certain new and useful Improvements in Cutting Attachments for Roll-Paper Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention is an improvement in roll paper holders and has particular reference to a cutting attachment therefor.

An object of the invention is to provide an improved paper cutting attachment of simple and inexpensive construction which is mounted upon the frame of the holder so as to yieldably engage the roll of paper and hold the free end thereof so as to provide a projecting flap which may be readily grasped to withdraw a strip of paper from the roll prior to severing the same.

The inventive idea involved is capable of receiving a variety of mechanical expressions, one of which, for the purpose of illustrating the invention, is shown in the accompanying drawing, wherein:—

Figure 1 is a front elevation of a roll paper holder showing the cutting attachment applied thereto.

Fig. 2 is a top plan view of the cutting attachment.

Fig. 3 is a side elevation of the holder and attachment.

Fig. 4 is a vertical sectional view.

In the drawing the numeral 5 indicates a holder frame which includes a pair of standards between which is mounted a roll of paper such as is used for wrapping purposes or the like and each of the standards is preferably provided at its upper end with an angular supporting extension 6 which is adapted to support the cutting attachment in a manner which will appear in the course of the description.

The cutting attachment which comprises the essential feature of the invention is shown in what is now believed to be its preferred form and comprises a substantially rectangular frame generally indicated by the numeral 7 and including transverse side members 8 connected at their rear or innermost ends by the longitudinal member 9 which is preferably circular in cross section

and adapted to yieldably engage the roll of paper mounted in the frame 5. The front ends of the side members 8 are connected by the diagonally disposed cutting bar 10 having the lower cutting edge 11 by means of which a length of paper is severed from the roll in the usual manner.

The cutting device further includes guiding means for the free end of the paper, which means is so arranged that a projecting flap will be formed each time a piece of the paper is severed so that the removal of another length or strip of paper will be facilitated. The guiding means preferably includes a stationary and diagonally disposed plate 12 arranged between the side members 8 of the cutting frame and having one of its edges either secured to or formed integrally with the rear longitudinal member 9. Cooperating with the stationary plate 12 is a relatively adjustable plate 13 also mounted between the side members 8 of the cutting frame and carried by the spring hinges 14, the ends of which are secured to the plates 12 and 13 adjacent their ends and rear edges so as to yieldably force said plates together to frictionally engage the free end of the paper therebetween. The lower or forward edges of the plates 12 and 13 are spaced a distance rearwardly from the cutting edge 11 so that when a strip of the paper is severed by said edge there will remain between the cutting edge and the adjacent ends of said plates a portion of the paper which will provide a projecting flap depending below the frame in such a position that the same may be readily grasped to withdraw another strip of paper from the roll prior to severing the same.

The cutting frame 7 is preferably supported by a plurality of rods or arms 15 pivoted to the side members 8 and also to the extension 6, said rods being pivoted for the purpose of permitting the cutting frame to move relative to the roll of paper. Certain of the rods 15 are engaged by springs 16 carried by the extension 6 in such manner as to normally force the cutting frame toward the roll of paper and thereby yieldably engage the rear longitudinal member 9 with the outer surface of said roll.

What is claimed is:—

In a holder for roll paper, the combination with a supporting frame; a cutting device associated therewith and including a frame having a rear longitudinal member

adapted for engagement with the roll of paper supported by the first named frame, a cutting bar arranged forwardly of said longitudinal member, cooperating paper-
5 guide plates extending forwardly and downwardly from said longitudinal member and having their forward edges disposed rearwardly of said cutting bar, and springs interposed between the rear edges of said

guide plates, arranged to urge the forward edges thereof toward each other.

In testimony whereof I affix my signature in the presence of two witnesses.

GENGO NAITO.

Witnesses:

NAY MORIYAMA,
D. H. BONSTED.