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2,555,142

CUTTER

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Fig. 1.

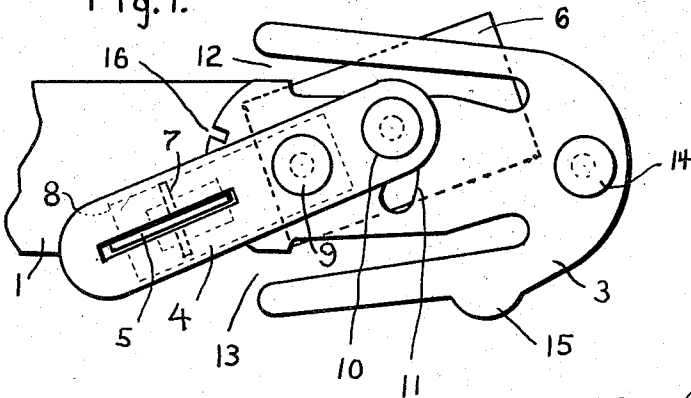


Fig. 2.

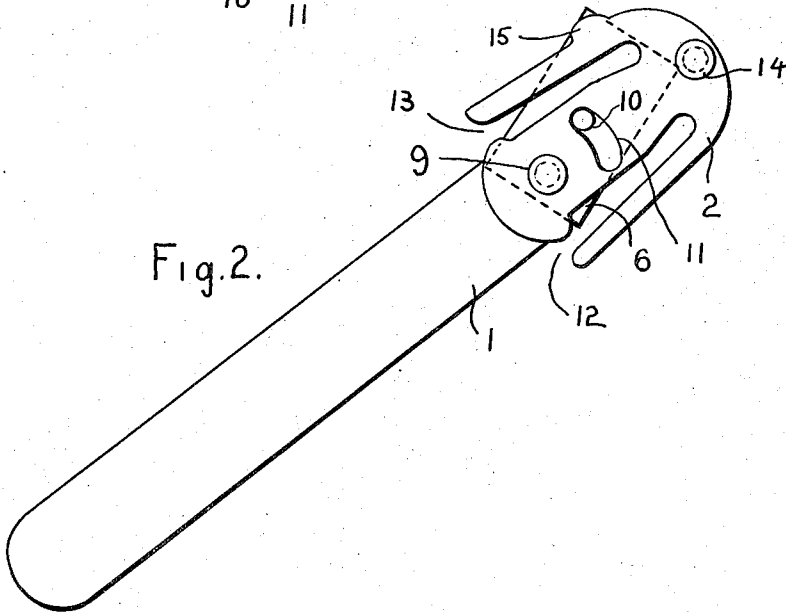
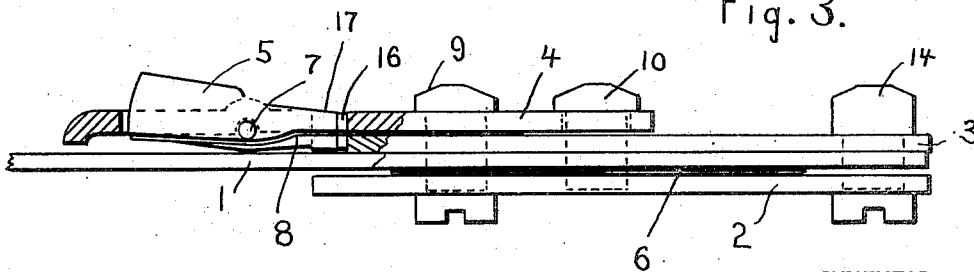


Fig. 3.



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CUTTER

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2 Claims. (Cl. 30—2)

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This invention is a utility tool especially useful for those who need frequently to cut open cartons of corrugated paper, or sever wrapping cord, or cut clippings from newspapers, magazines, etc. This implement is adapted to be set 5 speedily to meet any of these requirements and is organized to be manufactured and sold cheaply, yet be rugged in service.

In its preferred form, it is shown by the accompanying drawings of which Fig. 1 is an enlarged plan (double size) of the head portion 10 of the implement; Fig. 2 is an under-view of the complete tool (natural size) showing the blade adjusted for cutting clippings; while Fig. 3 is a side elevation enlarged $2\frac{1}{4}$ times of the head-portion of the tool (partly in section).

For simplicity of the dies and for facility in subsequent assembly in manufacturing, the implement comprises a sheet-metal plate or stamping 1 which terminates in a head-end outlined identical with plates 2 and 3 shown assembled on the upper and lower faces of the head-end of the handle and secured thereto by bolts and screws 14 and 9, the latter of which serves as a pivot for an additional plate 4 which carries a pin 10 riding in matching slots 11 in the plates 1, 2 and 3; said slots being arcuate and concentric with the pivot pin 9. This plate 4 extends towards the hand-grasp portion of the handle 1 so that it may be readily operated by the thumb and swung about the pivot 9 into any one of three different positions determined by three notches 16 in the top-plate 4 and held in any one of those positions by a latch 5 which is normally held depressed by a spring 8 which is slotted mid-way to receive a portion of the latch. This latch is pivoted on a pin 7 which is also held in its seat as shown by Fig. 3 by said spring. The latch 5 has a forward finger 17 which may engage any one of the three slots 16. Intervening between plates 2 and 3 is a razor blade 6 which is pivoted about the central pivot pin 9 and is caused to swing as a unit with the upper plate 4 by its engagement with the pin 10 which protrudes through the arcuate slots 11 in the plates 2 and 3 and engages a central hole in the blade. This enables the blade to be shifted to the position shown by Fig. 2 in which an extreme corner thereof projects slightly (about the thickness of a piece of paper) beyond the slight protuberance 15 so that the operator by resting the protuberance 15 on a newspaper can cut therethrough without severing the underlying sheet by tilting the appliance more or less about the protuberance 15 which limits the depth of cut. While in this position the implement is also capable of severing a cord such, for example, as a package it may be bound with. This being done by simple slipping the cord into the groove 13. The closed end of this groove is somewhat enlarged, as shown by the drawings, so that lint from the cord will not accumulate therein.

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When the adjusting blade is shifted into the position shown by Fig. 1 the cutting edge of the blade is exposed in the opposite slot 12; making it likewise available also for cutting the cord binding packages and, furthermore, presenting a substantial depth of cutting edge indicated by 6 which enables the user readily to cut through corrugated paper board, such as is also used in packaging. Thus, by a simple operation of the thumb on the portion 5 shown by Fig. 3, the user may immediately set the tool for whichever of these occasions is at hand. The tool is essentially simple and useful. The blade may be reversed, to present new cutting edges when those referred to have become dulled.

I claim:

1. An implement comprising a handle, a wafer-blade, a blade-positioner pinned to said blade and pivoted to said handle, a latch for locking the blade positioner in different angular positions to the one or the other side of the central axis of the handle; and head-members on opposite sides of said handle presenting opposing slots for the entry of the cord to be severed by the blade whereby opposite regions of the blade may be used.

2. An implement comprising a handle terminating in a flat head; two duplicate immovable plates secured to the opposite faces of said flat head, the first being in contact therewith and the other being spaced slightly therefrom, two studs for detachably retaining said other plate in its spaced relation; a thin double-edged blade seated in the space aforesaid and pivoted near its rear end to the rear stud and adapted to be swung about said stud as a fixed pivot; a flat lever pivoted to said rear stud in contact with the outer face of said first plate, said lever at its forward end having a pin projecting through an arcuate slot in said first plate and engaging said pivoted blade intermediate its ends; a latch mounted on the rear end of said lever and spring-pressed into engagement with the rear end of said first plate to lock it in any one of three angular positions with relation to the axis of the handle, the one exposing a substantial corner of the blade, the middle guarding the cutting edges thereof, and the third exposing a minute corner of said blade.

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REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
1,500,643	Scalhom	July 8, 1924
1,782,971	Kroemer	Nov. 25, 1930
1,860,454	Dessel	May 31, 1932
2,226,794	Williams	Dec. 31, 1940
2,376,887	Walters	May 29, 1945