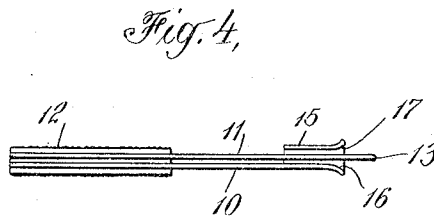
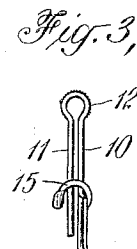
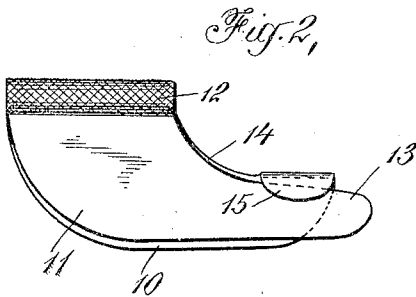
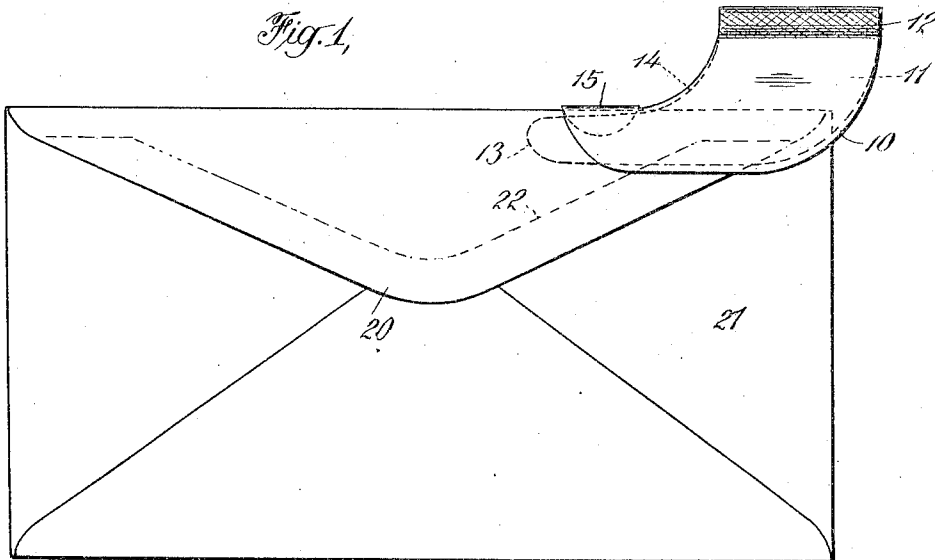


W. A. JOHNSON,
PAPER CUTTER.
APPLICATION FILED JAN. 29, 1920.

1,362,322.

Patented Dec. 14, 1920.



Inventor
William A. Johnson
By his Attorney
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UNITED STATES PATENT OFFICE.

WILLIAM A. JOHNSON, OF YONKERS, NEW YORK.

PAPER-CUTTER.

1,362,322.

Specification of Letters Patent.

Patented Dec. 14, 1920.

Application filed January 29, 1920. Serial No. 354,778.

To all whom it may concern:

Be it known that I, WILLIAM A. JOHNSON, a citizen of the United States of America, and a resident of Yonkers, Westchester
5 county, and State of New York, have invented certain new and useful Improvements in Paper-Cutters, of which the following is a specification, reference being had to the accompanying drawings, forming a part
10 thereof.

My invention relates to new and useful improvements in paper cutters and it is especially designed for opening envelopes or cutting the pages of books. Its object is to
15 provide a simple device which is neat and attractive in appearance and efficient in operation. Another object is to so construct the device as to protect its cutting part. A still further object is to provide means for
20 guiding the cutting part not only for the purpose of facilitating the operation and use, but to effectively protect the contents of an envelop to prevent the latter from being mutilated when the envelop is opened.

25 These and other objects of the invention will appear in the following specification in which I will describe the invention, the novel features of which will be set forth in the appended claims.

30 Referring to the drawings:

Figure 1 is a front elevation of a paper cutter which is made according to one embodiment of this invention, together with a portion of an envelop shown for the purpose
35 of illustrating one of the uses of this device.

Fig. 2 is a rear elevation of the device shown in Fig. 1.

Fig. 3 is a front end view, and

40 Fig. 4 is a bottom plan view of the same structure.

Like characters of reference designate corresponding parts in all the figures of the drawings.

This paper cutter is stamped out of a
45 single piece of sheet metal and bent into the form shown, so that it comprises two parallel portions which I shall call a front 10 and a back 11, joined together by a part 12 which forms a partly cylindrical back. This
50 may be knurled or roughened as shown in order to make it more easy to grip.

The back 11 is extended to form a forwardly projecting plow or inner guide 13 which is comparatively narrow so that it
55 may be inserted readily between the ungummed corner of the flap 20 of an envelop

and the body 21 thereof, as shown in Fig. 1. 22 of this figure designates the adhesive on the flap 20. The upper edge of this plow is curved upwardly to the back 12 to form
60 a cutting portion 14.

The edges of the front 10 are substantially parallel with the edges of the back 11 except at the forward part of the plow portion 13. The front, however, is somewhat wider than
65 the back so that its edges project beyond those of the back and serve to protect the latter. A tab at the forward end of the front is bent over the plow 13, as shown at 15, to form an outer guide, over but spaced from
70 the sides and upper edge of the plow 13. The forward ends of the front 10 and of the outer guide 15 are flared outwardly, as shown at 16 and 17 respectively, in Fig. 4. This facilitates the insertion of the end of
75 the plow between the folds of the papers which are to be separated.

The outer guide 15 keeps the plow from being inserted to a depth to which it might injure the contents of the envelop. The edge
80 to be cut runs between the inner and outer guides so that the natural tendency of the device in use is to run parallel with the edge to be cut.

The manner in which this device is used
85 is obvious and may be seen at a glance from the inspection of Fig. 1. I have shown what I consider a preferred form of the device embodying this invention, but the construction and form may be varied without de-
90 parture from the spirit and scope of this invention, and I intend no limitations other than those imposed by the appended claims.

What I claim is:

1. A paper cutter comprising a back, a
95 pair of parallel members joined together at the back, the first of said members being constructed to form an inner guide and a cutting edge curved upwardly to the back, and the second member terminating short of
100 the end of the inner guide and having a tab bent over but spaced from the inner guide and forming an outer guide.

2. A paper cutter comprising a back, a
105 pair of parallel members joined together at the back, the first of said members being constructed to form an inner guide and a cutting edge curved upwardly to the back, and the second member terminating short
110 of the end of the inner guide and having a tab bent over but spaced from the inner guide and forming an outer guide with the

forward edges of the guide flared outwardly.

3. A paper cutter comprising a back, a pair of parallel members joined together at the back, the first of said members constructed to form an inner guide and a cutting edge curved upwardly to the back, and the second member having edges projecting beyond the corresponding edges of said first member.

4. A paper cutter comprising a back, a pair of parallel members joined together at the back, the first of said members constructed to form a comparatively narrow inner guide projecting forwardly from said back and a cutting edge curved upwardly to the back and the second member terminating short of the end of the inner guide and having a tab bent over but spaced from the inner guide and forming an outer guide.

5. A paper cutter comprising a back, a pair of parallel members joined together at the back, the first of said members constructed to form a comparatively narrow inner guide projecting forwardly from said back and a cutting edge curved upwardly to the back and the second member having edges projecting beyond the corresponding edges of said first member and terminating short of the end of the inner guide and having a tab bent over but spaced from the inner guide and forming an outer guide with the forward edges of the guide flared outwardly.

6. A paper cutter constructed of a single piece of sheet metal comprising a pair of parallel members joined together to form a back, the first of said members constructed to form an inner guide and a cutting edge curved upwardly to the back and the second member terminating short of the end of the inner guide and having a tab bent over but spaced from the inner guide and forming an outer guide.

7. A paper cutter constructed of a single piece of sheet metal comprising a pair of parallel members joined together to form a back, the first of said members constructed

to form an inner guide and a cutting edge curved upwardly to the back and the second member having edges projecting beyond the corresponding edges of said first member and terminating short of the end of the inner guide and having a tab bent over but spaced from the inner guide and forming an outer guide.

8. A paper cutter constructed of a single piece of sheet metal comprising a pair of parallel members joined together to form a back, the first of said members constructed to form a comparatively narrow inner guide and a cutting edge curved upwardly to the back and the second member projecting forwardly from said back and terminating short of the end of the inner guide and having a tab bent over but spaced from the inner guide and forming an outer guide and with the forward edges of the guide flared outwardly.

9. A paper cutter constructed of a single piece of sheet metal comprising a pair of flat parallel members joined together to form a curved back with the outer surface of said back roughened, the first of said members being constructed to form a comparatively narrow inner guide projecting forwardly from said back and a cutting edge curved upwardly to the back and the second member having edges projecting beyond the corresponding edges of said first member and terminating short of the end of the inner guide and having a tab bent over but spaced from the inner guide and forming an outer guide.

10. A paper cutter comprising a back, a pair of parallel members joined together at the back, the first of said members being constructed to form an inner guide and a cutting edge between the guide and the back and the second member terminating short of the end of the inner guide and having a tab bent over but spaced from the inner guide and forming an outer guide.

In witness hereof, I hereunto set my hand this 27th day of January, 1920.

WILLIAM A. JOHNSON.