July 19, 1932. M. M. ROBERTS 1,867,713

PAPER CREASER AND SLITTER

Filed June 29, 1929

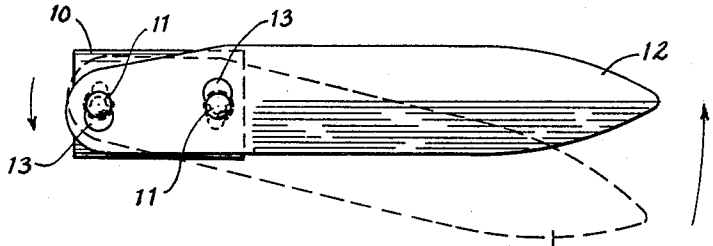


Fig. 1.

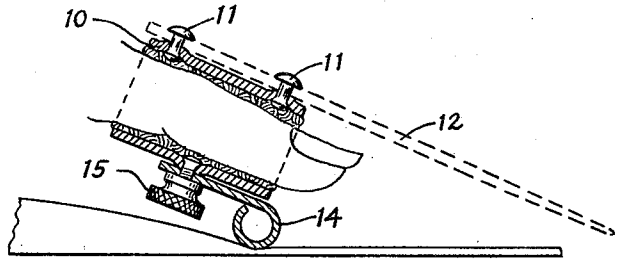


Fig. 2.

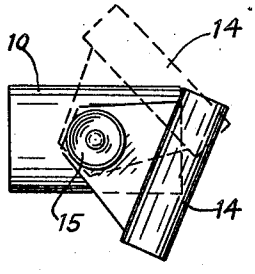


Fig. 3.

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UNITED STATES PATENT OFFICE

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PAPER CREASER AND SLITTER

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This invention relates to labor saving devices, and more especially to an office and home implement for use in correspondence work for creasing, slitting and stamping papers, such as for opening envelopes, folding letters to be packed into envelopes, and stamping the enevelopes.

An object of the invention is to provide a simple and inexpensive device which will combine the above features in one appliance.

Another object is to provide such a device adapted to be mounted upon the finger of the user for ready use.

A further object is to provide a removable letter opening device with one which combines the features of folding paper and stamping envelopes.

All these and other objects as suggested herebelow are obtained by the methods and means now to be described, and illustrated in the accompanying drawing, in which—

Figure 1 is a top plan view of one embodiment of the complete device showing a removable letter opener mounted along the upper side.

Fig. 2 is a vertical sectional view of Fig. 1.

Fig. 3 is a fragmentary detailed view showing the feature of swiveling the paper-creasing device.

Like numerals refer to like parts throughout the several views.

The device consists essentially of a tube-like member 10. Figs. 1 and 2, preferably lined with felt or other cushioning material on the inside, and adapted to receive the user's finger. The upper surface of member 10 carries two rivets 11—11, adapted to removably hold a letter-opening or paper-cutting knife member 12 having holes 13—13 as shown, one side being smaller in diameter than the other side of the transversely-positioned holes and adapted when the device is moved sidewise to free the knife therefrom.

Secured beneath member 10 is a curved creasing member 14 having its plate-like holding section pivotally mounted in member 10 and releasable therefrom, as by the use of a knurled nut 15. The mere loosening of this nut permits creasing member 14 to be swiveled to any advantageous position, depending upon the position of the paper when creasing, this being clearly illustrated in Fig. 3.

The paper-slitting member 12 is preferably so arranged as to be out of operative engagement with the paper when the creasing member 14 is being used. It will be noted also that because of the somewhat circular configuration of the lower end of member 14, the device may be used with the operator's hand inclined to the paper at varying degrees; also that the finger may be pressed into the cushioning felt inner surface of member 10 to the most efficient point from the standpoint of bringing pressure to bear when creasing the paper.

Member 10, Fig. 2, while shown as a continuous cylindrical-shaped member might well be made from some flexible material bent from a flat piece into an essentially circular contour (in cross-section) with the edges overlying each other to permit extension to accommodate a finger of larger size.

This device in its simplest form may be pressed up from celluloid or other like material, or be made of resilient sheet metal, or even cast from bakelite material, die-cast metal, or like substance. The felt lining to the finger holding portion 10 not only permits an operatively tight engagement between the device and fingers of varying size, such as those on both the male and female hand, but also adds to the comfort of the user and permits even greater pressure to be applied to the paper when creasing or slitting.

It is to be understood that the present disclosure is for the purpose of illustration only, and that the invention is not limited thereto. To those skilled in the art, many modifications of the invention will be readily apparent, and it will also be obvious to such skilled persons that parts of the device and method may be used without other parts thereof, many such combinations readily suggesting themselves. Therefore, it should be, and is to be distinctly understood that for a definition of the limitations of the invention, reference must be had to the appended claims.

Having now described the invention, what

is claimed as new and for which Letters Patent of the United States is desired, is:

1. In a combined letter opener and creaser, a tubular paper creaser adapted to fit over the finger end and carrying both a connection at the top adapted to removably hold a letter opener and a letter creasing means at the bottom and means whereby said creasing means is adjustable to varying degrees of slant with respect to the direction of its stroke when creasing paper.

2. In a paper creaser, a holding member adapted to fit over the finger end, creasing means, pivoting means adapted to pivotally attach said creasing means to said member, and means whereby said creasing means is adjustable to varying degrees of slant with respect to the direction of its stroke when creasing paper.

Signed at 230 Park Ave., New York, in the county of New York, and State of New York, this 28 day of June, 1929.

MARGARET MARY ROBERTS.