

No. 844,770.

PATENTED FEB. 19, 1907.

C. G. BAUER.
ENVELOP OPENER.
APPLICATION FILED APR. 10, 1906.

Fig. 1.

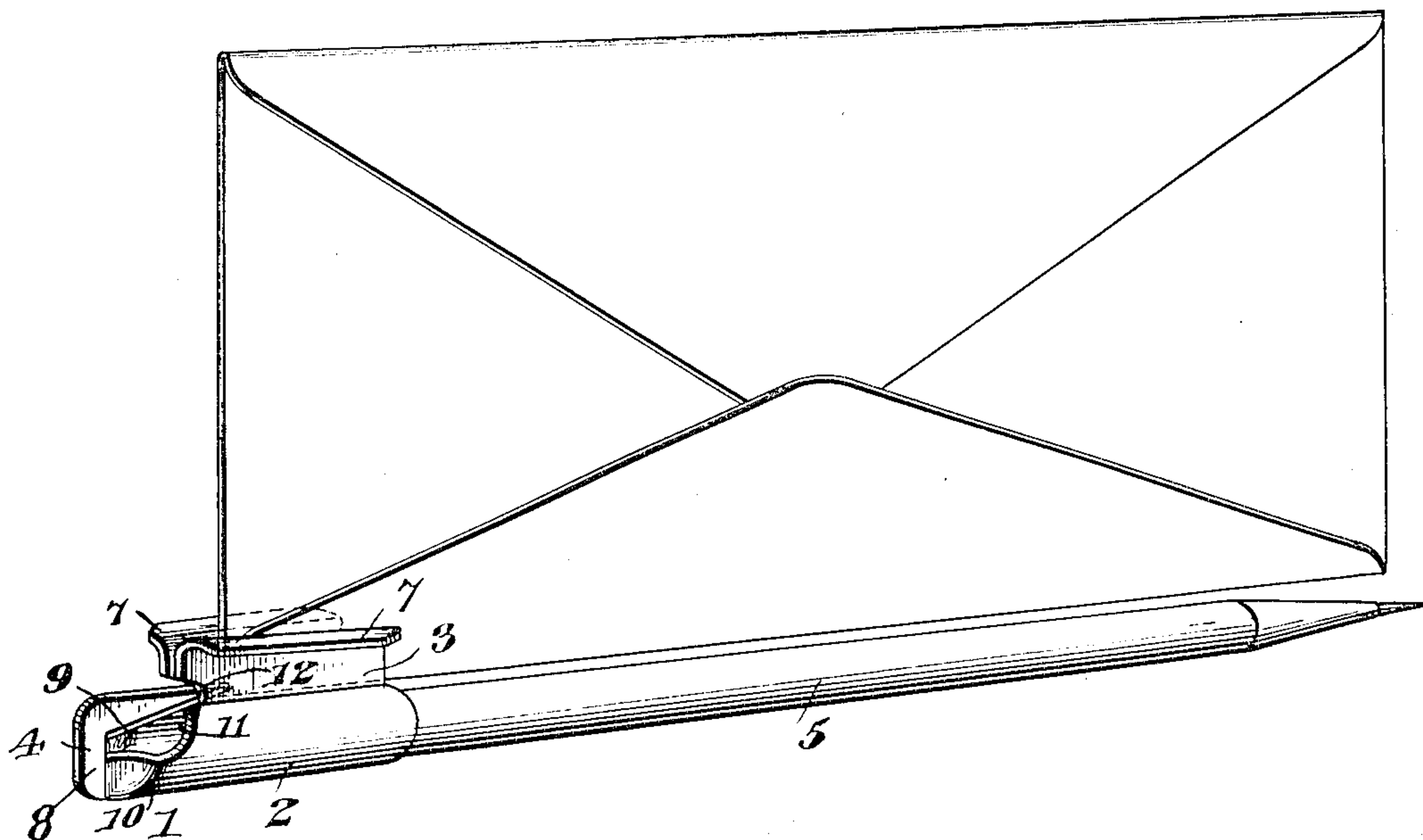


Fig. 2.

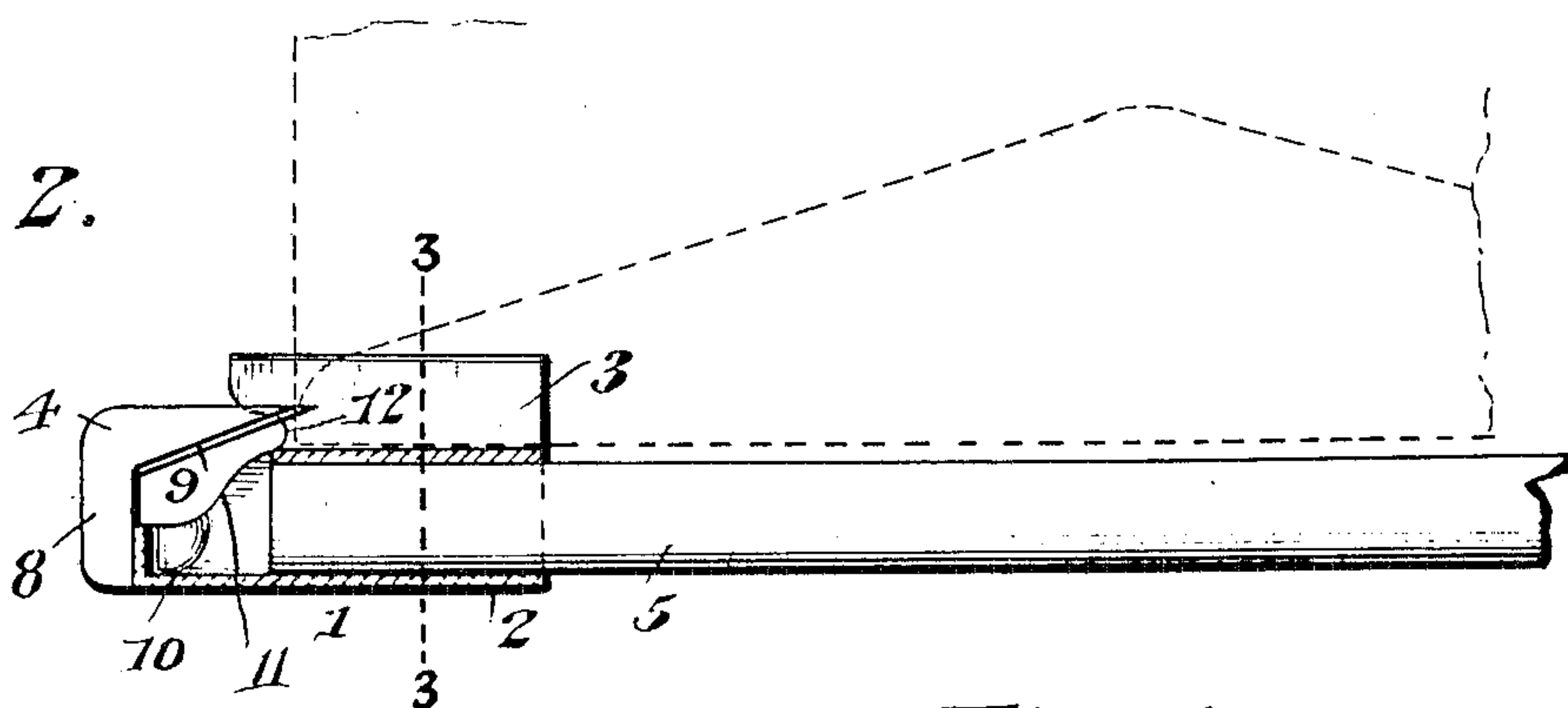


Fig. 3.

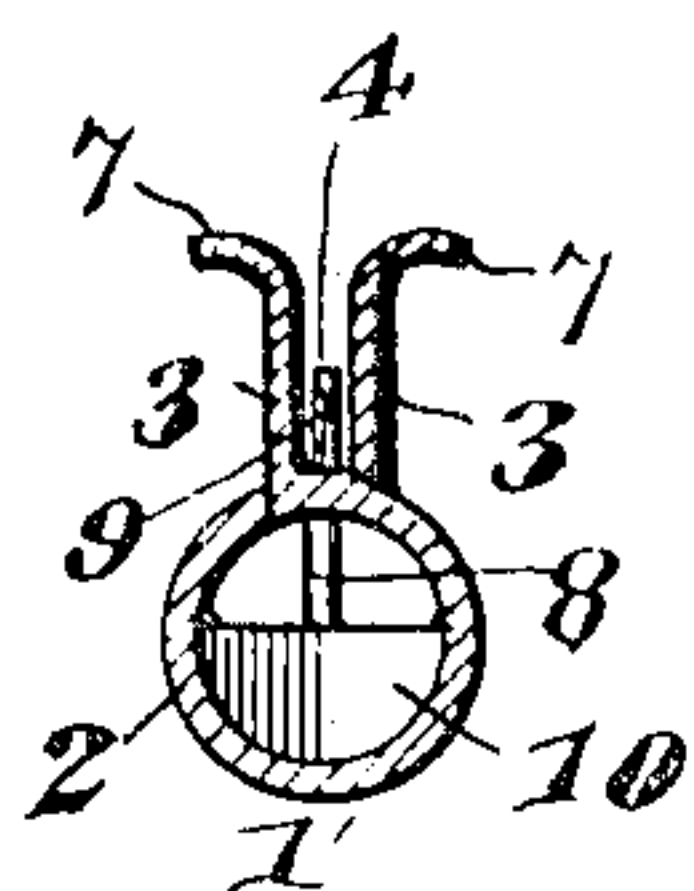
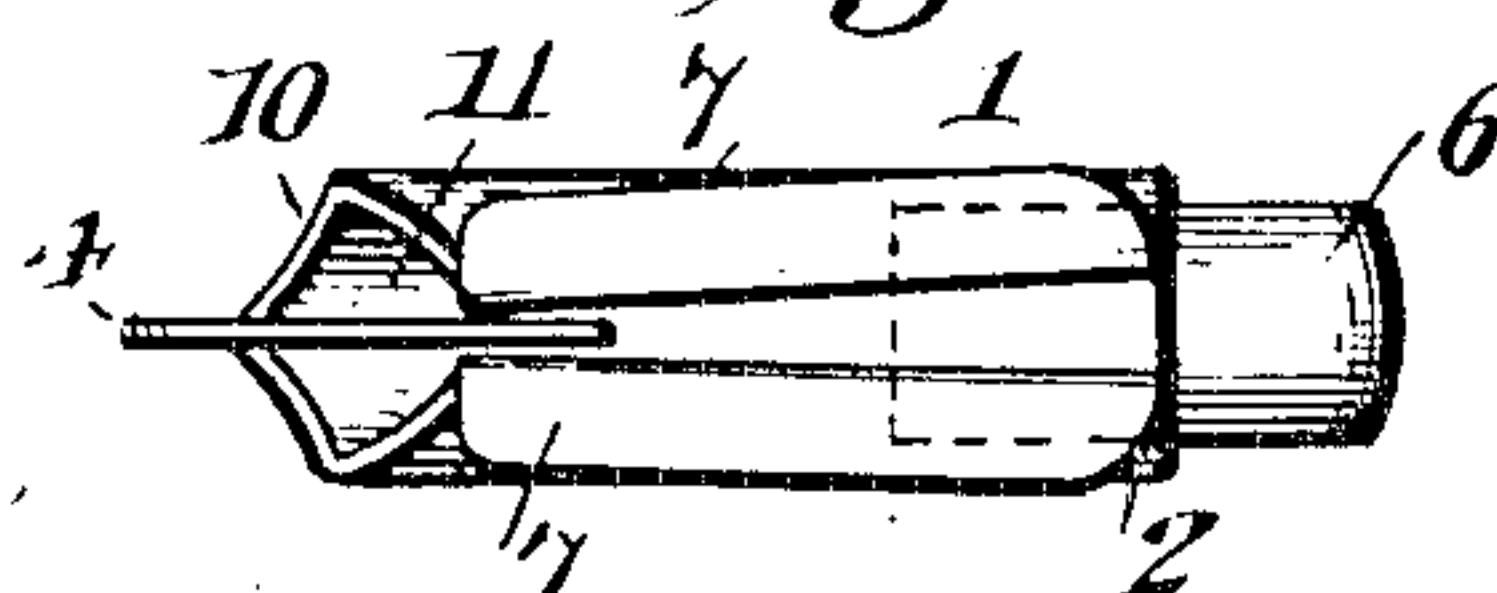


Fig. 4.



Charles G. Bauer, Inventor

Witnesses
Jas. E. McLaughlin
J. F. Riley

By *E. J. Siggers*
Attorney

UNITED STATES PATENT OFFICE.

CHARLES GEORGE BAUER, OF BROOKLYN, NEW YORK.

ENVELOP-OPENER.

No. 844,770.

Specification of Letters Patent.

Patented Feb. 19, 1907.

Application filed April 10, 1906. Serial No. 310,891.

To all whom it may concern:

Be it known that I, CHARLES GEORGE BAUER, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented a new and useful Envelop-Opener, of which the following is a specification.

The invention relates to envelop-openers.

The object of the present invention is to improve the construction of envelop-openers and to provide a simple and inexpensive device adapted to be applied to the end of a pencil and capable of guiding an envelop or other folded or creased paper into engagement with a knife and of maintaining the envelop or paper in such engagement until the cutting operation has been completed.

A further object of the invention is to provide an envelop-opener of small and compact form having an ornamental and attractive appearance and adapted to be placed in and removed from the pocket in a vest or other garment without injuring the same.

Another object of the invention is to provide an envelop-opener which will not injure the hand or any object coming in contact with it and which will not become clogged by small particles of paper remaining within it.

Furthermore, the invention has for its object to provide an envelop-opener having yieldable guiding means adapted to receive envelops of various sizes and capable of readily yielding to permit an envelop containing a small book or pamphlet to be passed through it without injuring the device.

With these and other objects in view the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended, it being understood that various changes in the form, proportion, size, and minor details of construction within the scope of the claims may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of an envelop-opener constructed in accordance with this invention and shown applied to a pencil and illustrating the manner of feeding an envelop into it. Fig. 2 is a longitudinal sectional view of the same, the envelop being illustrated in dotted lines.

Fig. 3 is a transverse sectional view taken substantially on the line 3 3 of Fig. 2, the pencil being removed to illustrate the arrangement of the knife more clearly. Fig. 4 is a plan view, a rubber eraser being substituted for the pencil.

Like numerals of reference designate like parts throughout the several views of the drawings.

1 designates an envelop-opener consisting of a support or barrel 2, a pair of guiding-wings 3, and a knife 4, the barrel or sleeve and the guiding-wings being constructed of sheet metal or other suitable material, which is stamped or pressed to form the barrel and the guiding-wings. The sleeve or barrel 2 constitutes a socket and is adapted to receive a pencil 5, as illustrated in Figs. 1 and 2 of the drawings, or a block or piece 6 of rubber when it is desired to combine the envelop-opener with a rubber eraser. The guiding-wings, which extend longitudinally of the sleeve, are converged rearward and have their outer longitudinal edges bent laterally to form curved flanges 7, which facilitate the introduction of an envelop into the guide. One of the guiding-wings is preferably formed integral with the sleeve or barrel, as clearly indicated in Fig. 3 of the drawings, and the other guiding-wing is soldered, brazed, or otherwise secured to the exterior sleeve or barrel.

The knife 4 is approximately L-shaped and consists of a transversely-disposed shank 8 and a depressing longitudinal blade having an inner angularly-disposed cutting edge 9. The shank 8 is soldered, brazed, or otherwise secured to the rear end of the sleeve or barrel, which is provided with a reduced extension 10 and which is cut away at the upper side or side adjacent to the blade of the knife to provide an opening 11 for the discharge of any particles of paper severed from an envelop by the knife. The extension 10, which projects beyond the end of the pencil, is preferably compressed at opposite sides, as shown, and the point of the blade extends between the rear ends of the guiding-wings, which are also cut away at the lower edges of their rear ends at 12 to provide a clearance-space for permitting particles of paper to be readily discharged from the device.

An envelop is adapted to be readily introduced into the guide formed by the wings 3, and the sealed flap will be engaged by the blade, which will open the envelop at the lon-

gitudinal edge without injuring the contents. The envelop is adapted to be readily drawn through the device, and the resilient clamping-wings will maintain the envelop in engagement with the knife until the cutting operation is completed.

It will be seen that the device is always ready for use and that the resilient wings form a combined guide and guard and that they are adapted to spread or expand to permit envelops of different sizes to be readily passed through the device. Also the resilient wings by spreading in this manner will prevent the envelop-opener from becoming clogged, as particles of paper remaining in the guide will be expelled by the next envelop operated on. As the point of the blade is housed between the guiding-wings, it will be clear that the device will not injure a pocket or the hand or any object coming in contact with it unless such object be introduced into the guide. As the device is constructed of sheet metal, it may be cheaply manufactured, and it is simple and small and presents an ornamental appearance.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An envelop-opener comprising a support, a knife mounted on and extending along one side of the support, and guiding-wings arranged at the same side of the support and located in advance of the knife and extending to and receiving one end of the same and terminating short of the other end thereof.

2. An envelop-opener embodying a support, a knife secured to one end of the support and extending along one side of the same, and guiding-wings arranged at the same side of the support as the knife and receiving one

end of the same and terminating short of the other end thereof.

3. An envelop-opener comprising a pencil-receiving socket, a blade mounted on the socket and extending along one side of the same, and guiding-wings located at the same side of the socket and arranged in advance of the blade, the rear ends of the wings receiving the front end of the blade.

4. An envelop-opener, comprising a sleeve or barrel forming a socket, a pair of guiding-wings mounted on the sleeve or barrel, and a knife also mounted on the sleeve or barrel and extending between the wings, said wings and the sleeve or barrel being cut away at their rear portions to provide clearance-spaces.

5. An envelop-opener, comprising a sleeve or barrel forming a socket, a pair of guiding-wings extending longitudinally of the sleeve or barrel and terminating short of the rear end thereof, and a knife connected to the sleeve or barrel at the rear end of the same and extending forwardly therefrom, and having its front end arranged between the said wings.

6. An envelop-opener, comprising a sleeve or barrel, guide-wings mounted on the sleeve or barrel and terminating short of the rear end thereof, the rear portion of the said sleeve or barrel being cut away, and a knife mounted on the sleeve or barrel and having a cutting edge located opposite the cut-away portion of the sleeve or barrel.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CHARLES GEORGE BAUER.

Witnesses:

JOHN NOBLE,

JOHN DONDERO.