

H. GROSS.

Envelope Opener.

N<sup>o</sup> 86,300.

Patented Jan 26, 1869.

Fig. 1.

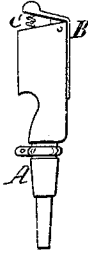


Fig. 2.



Witnesses.

Leopold Eub.

A. N. Marr.

Inventor.

Henry Gross.

per Alexander Mason

Attys.



HENRY GROSS, OF TIFFIN, OHIO.

Letters Patent No. 86,300, dated January 26, 1869.

IMPROVEMENT IN LETTER-OPENERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, HENRY GROSS, of Tiffin, in the county of Seneca, and in the State of Ohio, have invented certain new and useful Improvements in Combined Watch-Key and Letter-Opener; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction of a device to open letters with, and which may be attached or combined with a watch-key, pencil, penknife, or any other article desired.

In order to enable others skilled in the art to which my invention appertains, to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and in which—

Figure 1 is a side view, and

Figure 2, the same in section.

A represents a watch-key, the handle of which is slotted, as shown in fig. 2.

In this slot is pivoted a knife-blade, B, the upper part of which is bent over the top of the watch-key handle, and forms a lever for moving the blade out of the slot.

Under the upper bent part of the knife-blade B, is a small spring, C, which is secured in a hole in the top of the watch-key handle, and serves to keep the knife-blade in the slot mentioned.

To use the instrument, place it between the thumb and second finger, placing the front finger upon the spring on the top end, throwing the knife-blade out, ready to insert in the envelope.

I do not confine myself to combining the letter-opener to a watch-key, but may make it separate, or combine it with a pencil, penknife, or any other article desired.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

As an article of manufacture, the within-described letter-opener, either separate or in combination with some other article, substantially as shown and described.

In testimony that I claim the foregoing, I have hereunto set my hand, this 8th day of September, 1868.

HENRY GROSS.

Witnesses:

ROBERT LYSLE,  
HENRY H. SOUDER.