

H. G. PEARSON.
Metallic Postal Envelope.

No. 210,959.

Patented Dec. 17, 1878.

Fig. 1.

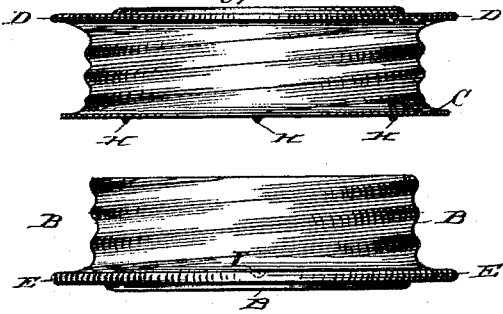


Fig. 2.

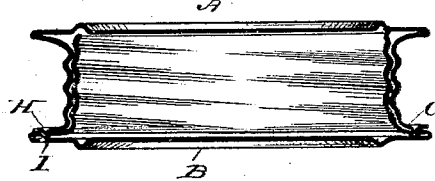


Fig. 3.

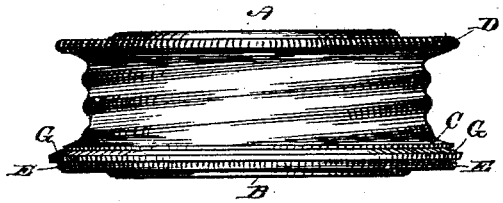


Fig. 4.

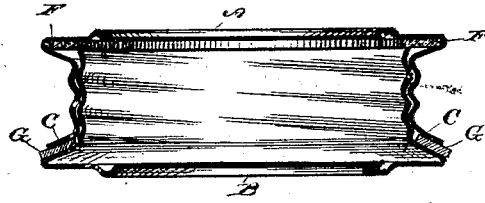


Fig. 5.

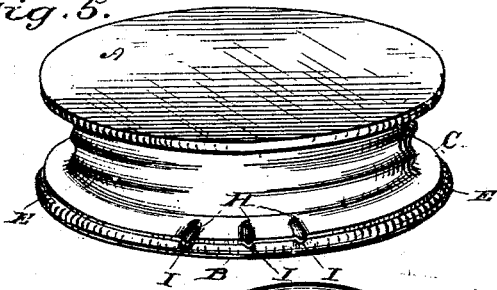


Fig. 7.

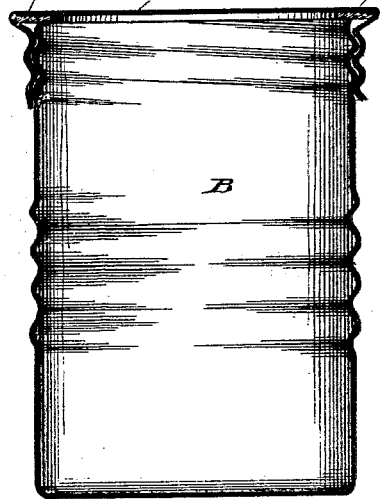
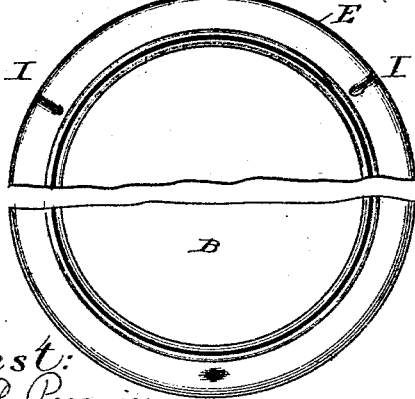


Fig. 6.



Attest:
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UNITED STATES PATENT OFFICE

HENRY G. PEARSON, OF NEW YORK, N. Y.

IMPROVEMENT IN METALLIC POSTAL ENVELOPES.

Specification forming part of Letters Patent No. **210,959**, dated December 17, 1878; application filed October 1, 1878.

To all whom it may concern:

Be it known that I, HENRY G. PEARSON, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Postal Envelopes; and I do hereby declare that the following is a full, clear, and exact description thereof.

This invention relates to certain improvements in postal envelopes; and the invention consists in a metallic box, which will be hereinafter more fully set forth.

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, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side view of the top and bottom separated. Fig. 2 is a vertical section. Fig. 3 is a side view of box with the top in place, showing the use of an elastic washer. Fig. 4 is a vertical section, showing washers in the top and under the lower flange of the top. Fig. 5 is a perspective view, showing locking device. Fig. 6 is a top view of the bottom part or body of the envelope. Fig. 7 shows a modification in which the top is used with a cylinder having a corrugated surface.

In the drawing, A denotes the top, and B the bottom, of the envelope. These parts A and B are stamped from or formed of sheet metal. The top part, A, screws down on the outside of the bottom part, B, as shown in Fig. 1 of drawings. The bottom edge or flange, C, of the top part is made flaring, as shown. Both parts A and B are formed with flanges D and E, to protect the screw-thread from being dented or mashed in from contact with hard matter in the mail.

On the inside of the top part is arranged a rubber washer or packing, F, (shown in Figs. 4 and 7 of drawings,) to prevent the contents of the box sifting or leaking out.

A rubber washer, G, which also serves as a packing to prevent the contents of the box leaking out, may be arranged upon the flange E. One or both of the washers may be used, as either serves as a spring to lock or jam the thread, and thereby insures the contents of the envelope.

If desired, the flange C may be provided with lugs or projections H, as shown in Fig. 1 of drawing, and the upper side of the flange E may be provided with corresponding shaped countersinks I, as shown in Figs. 2, 5, and 6 of drawings, there being in these figures no gasket corresponding to G in Fig. 4. When the top is screwed down in place the flange C, by reason of its flaring shape, springs the lugs or projections H into the countersinks I, and thereby locks or insures the proper retention of the top. In this case neither of the washers is used.

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

The within-described postal envelope, consisting of two parts, A B, both parts being threaded and having flanges D E, while one part may have another flange, C, substantially as set forth.

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

HENRY G. PEARSON.

Witnesses:

E. S. POST,
FRANCIS R. ROOME.