

J. H. HIRST.
 ENVELOP AND WRAPPER.
 APPLICATION FILED FEB. 9, 1907.

905,313.

Patented Dec. 1, 1908.

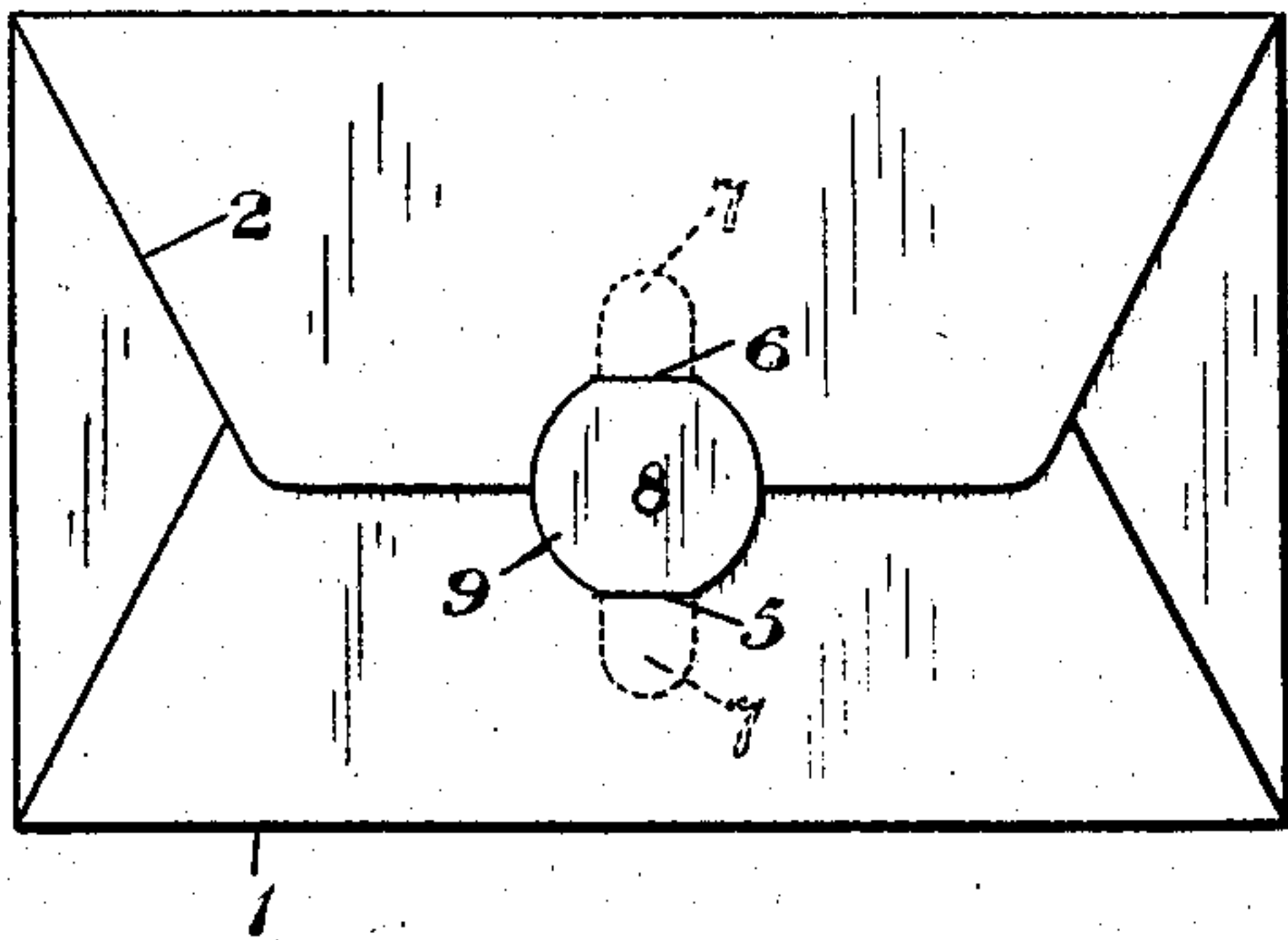


Fig. 1.

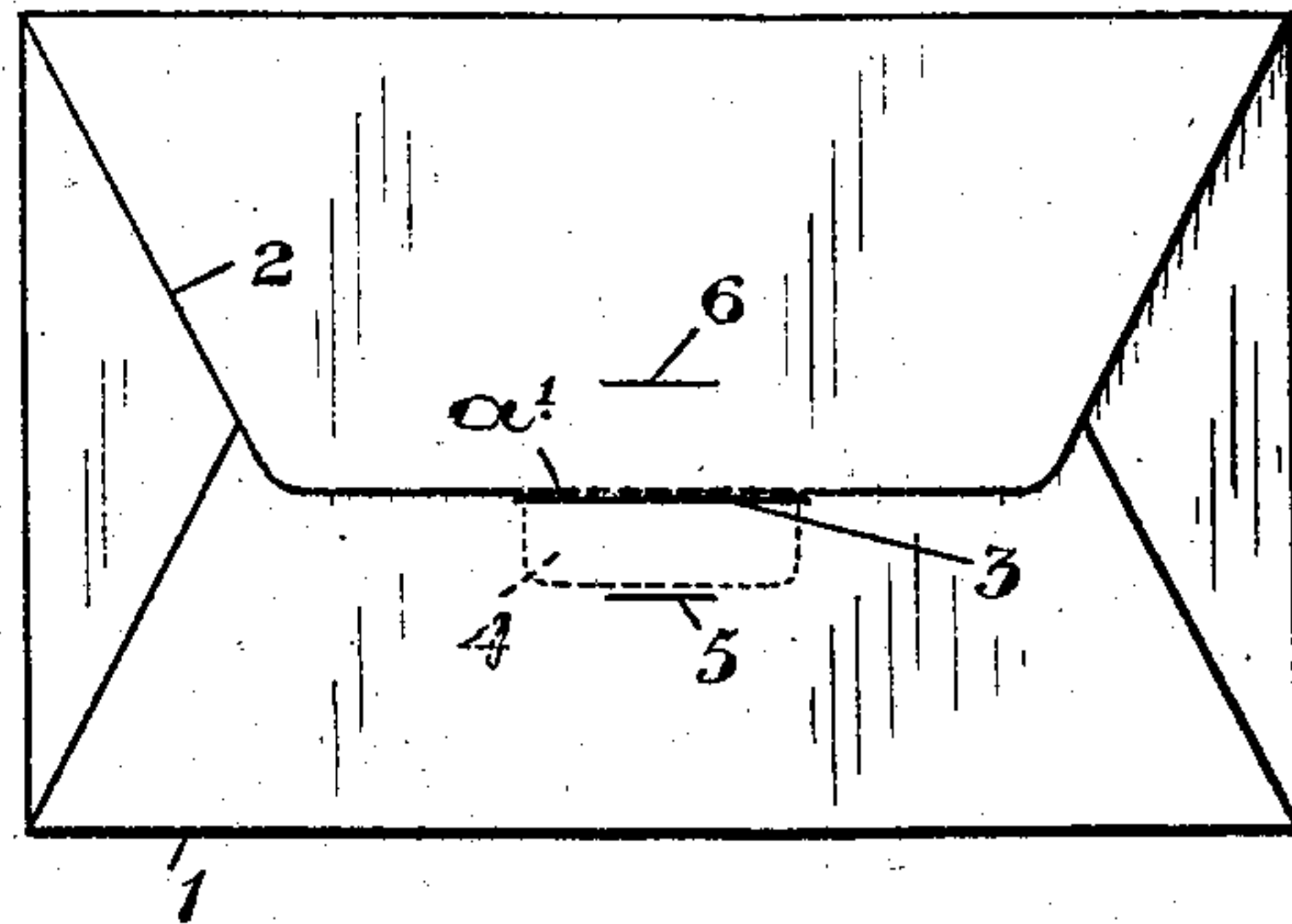


Fig. 3.

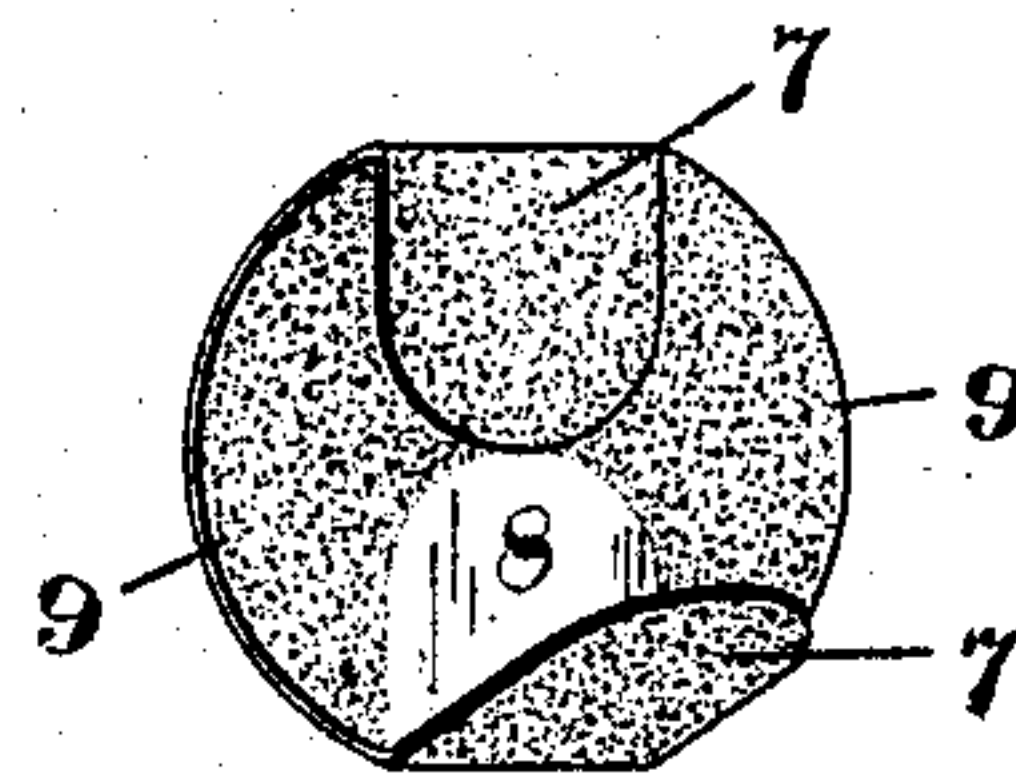


Fig. 4.

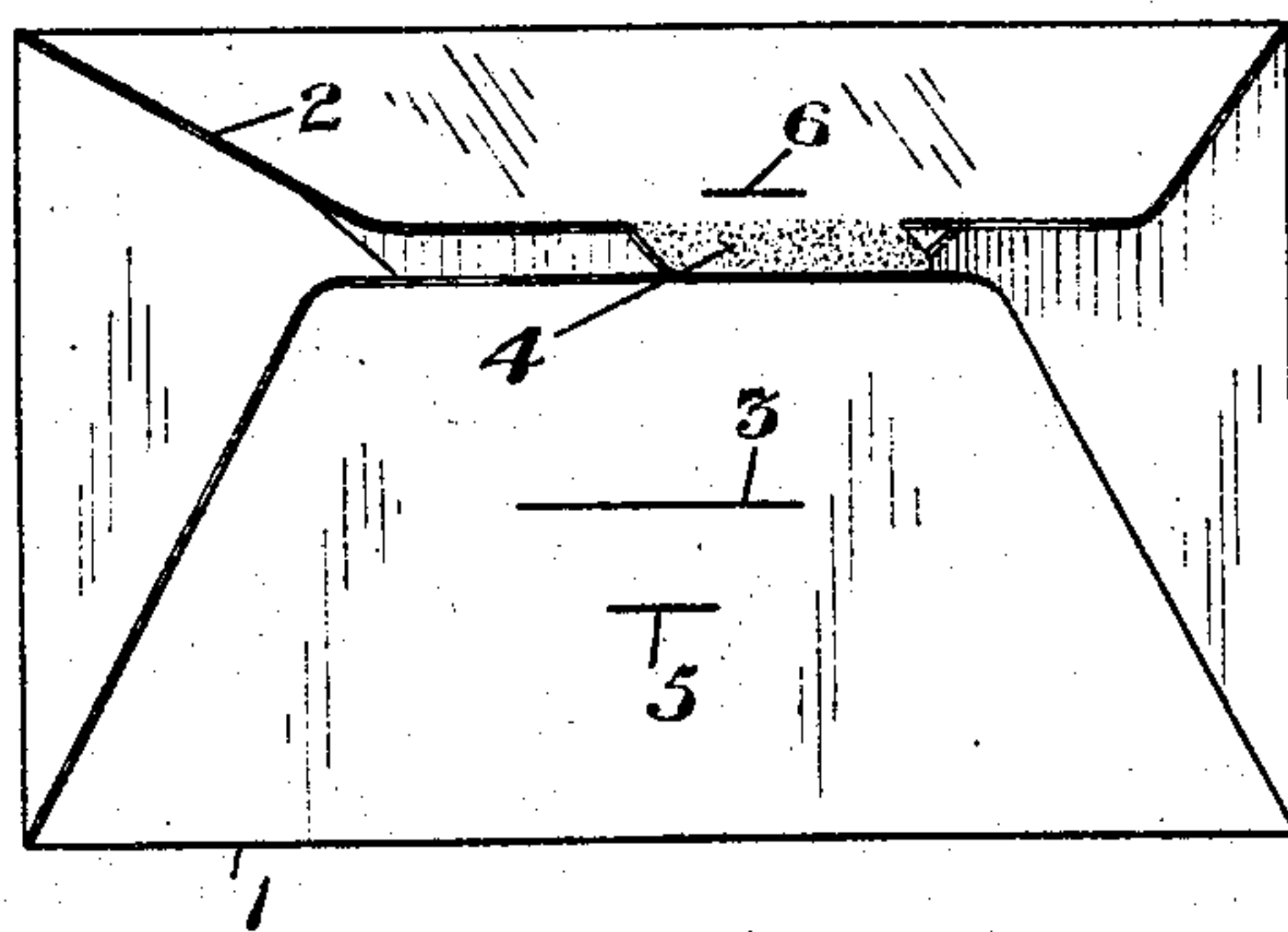


Fig. 2.

Witnesses.
 H. L. Drumble.
 Charles E. Cope.

Inventor
 Joseph H. Hirst
 by Charles E. Cope
 his attorney

UNITED STATES PATENT OFFICE.

JOSEPH H. HIRST, OF TORONTO, ONTARIO, CANADA, ASSIGNOR OF ONE-HALF TO JOHN BERG,
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ENVELOP AND WRAPPER.

No. 905,313.

Specification of Letters Patent.

Patented Dec. 1, 1908.

Application filed February 9, 1907. Serial No. 356,626.

To all whom it may concern:

Be it known that I, JOSEPH HEBBLETHWAITE HIRST, of the city of Toronto, in the county of York, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Envelops and Wrappers; and I hereby declare that the following is a full, clear, and exact description of the same.

10 This invention relates to certain new and useful improvements in envelops and wrappers, such as are used to contain letters and documentary matter, and the object of the invention is to make the closure and sealing
15 parts of the wrappers or envelops so that when closed and sealed they cannot be re-opened without indicating that fact. In carrying out this object the body part of each wrapper or envelop is formed with the
20 usual opening, and flap. In the body part adjacent to the said opening is a slit to receive the flap or the sealing tab constituting a part thereof and in the body part and flap are other slits to receive a supplemental seal.
25 The flap, tab, and supplemental seal are so gummed as to be practically impervious to the action of steam or other unsealing agents, unless sufficiently acted on thereby to saturate the material of which the wrapper or envelop is made, and are preferably
30 perforated at the boundary of the gummed part to render the gummed part easily tearable.

For an understanding of the invention reference is to be had to the following description and to the accompanying drawings in which

40 Figures 1 and 2 represent an envelop according to my invention. Fig. 3 shows a modified form of the same. Fig. 4 illustrates the method of gumming the seal.

Like characters of reference indicate like parts throughout the specification.

45 The term envelop, as hereinafter used will be construed to mean envelops and all kinds of wrappers adapted to contain letters, documents and the like.

In the drawings 1 represents the envelop and 2 the usual gummed flap of the same.
50 A slit 3 is formed, as shown, below the line of the edge of the flap 2 in its closed position, and through this slit passes a tab 4, secured to the flap 2, and gummed on the side which will be next the envelop when
55 the tab is in position.

The gum on the flap 2 and tab 4 is damped and the tab inserted in the slit 3 and the whole pressed for a short time. When the gum has hardened it is practically impossible to re-open the envelop without
60 indicating that fact. Other slits 5 and 6 are provided in the envelop and gummed flap respectively, and through them pass the tabs 7 of a supplemental seal 8. These tabs are gummed in the same manner as the tab 4
65 and are damped and inserted after the flap 2 has been fastened down. The seal 8 has side extensions 9 gummed on the opposite side to the gumming of the tabs 7. This gumming may be conveniently effected by
70 bending the tabs back upon the body portion of the seal (see Fig. 4) and passing a gum spreader over the whole. The gumming of the tab 4 may likewise be effected by bending the tab back upon the flap 2 and
75 passing a gum spreader over the whole. As an additional safeguard the tabs may be perforated at the boundary *a'* of the gummed parts. (See Fig. 3.)

It is to be understood that, although the
80 invention has been described particularly as applied to envelops, it can be used in connection with any other form of wrapper constructed of paper, linen or the like in which the flap is to be integral with the
85 body of the wrapper.

What I claim as my invention and desire to secure by Letters Patent is:

1. A wrapper comprising a body part having a slit therein and a gummed flap
90 having a slit therein, in combination with a seal having a gummed tab capable of passing through the slit in the body part, a second gummed tab capable of passing through the
95 slit in the flap and lateral extensions gummed on the side opposite to the gumming of the tabs and capable of being attached to the outer surface of the wrapper.

2. A wrapper comprising a body part having a slit therein and a gummed flap
100 having a slit therein, in combination with a seal having a transversely perforated gummed tab capable of passing through the slit in the body part, a second gummed tab capable of passing through the slit in the
105 flap, and lateral extensions gummed on the sides opposite to the gumming of the tabs.

3. A wrapper comprising a body part having two parallel slits therein, a gummed
110 flap having a slit therein, on said body part,

a gummed tab attached to said flap and capable of passing through one of the slits in the body part, in combination with a seal having a gummed tab capable of passing
5 through the other slit in the body part, a second gummed tab capable of passing through the slit in the flap, and lateral extensions gummed on the opposite sides to the gumming of the tabs and capable of
10 being attached to the outer surface of the wrapper.

4. A wrapper comprising a body part having two parallel slits therein, a gummed flap, having a slit therein, on said body part,
15 a transversely perforated gummed tab at-

tached to said flap and capable of passing through one of the slits in the body part, in combination with a seal having a transversely perforated gummed tab capable of passing through the other slit in the
20 body part, a second transversely perforated gummed tab capable of passing through the slit in the flap, and lateral extensions gummed on the side opposite to the gumming of the tabs.

Toronto, February 2nd, 1907.

JOSEPH H. HIRST.

Signed in the presence of—

CHAS. H. RICHES,

H. L. TRIMBLE.