H. MORIER.

FASTENING DEVICE FOR PACKAGES.

APPLICATION FILED DEC. 11, 1919.

1,374,023. Patented Apr. 5, 1921.

Fig. 1.

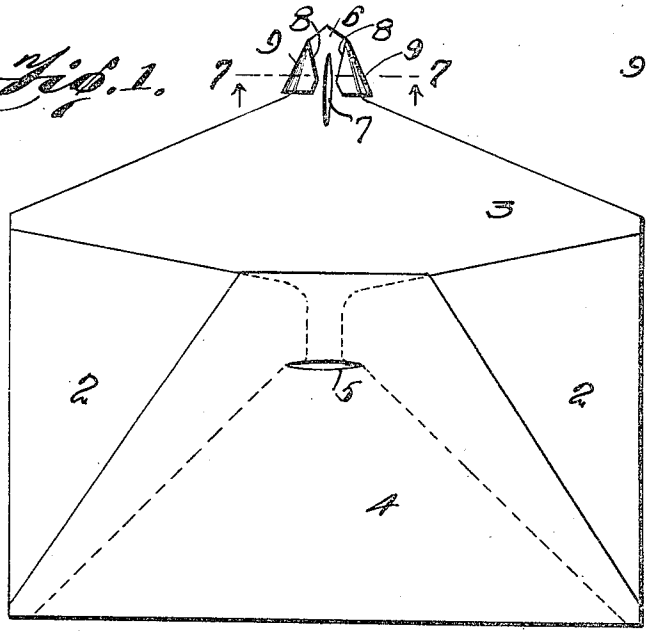


Fig. 7.

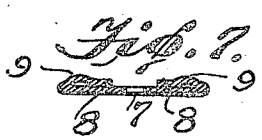


Fig. 2.

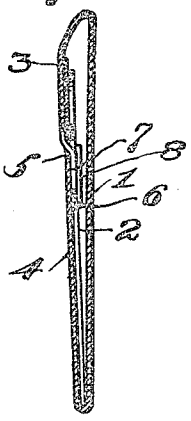


Fig. 3.

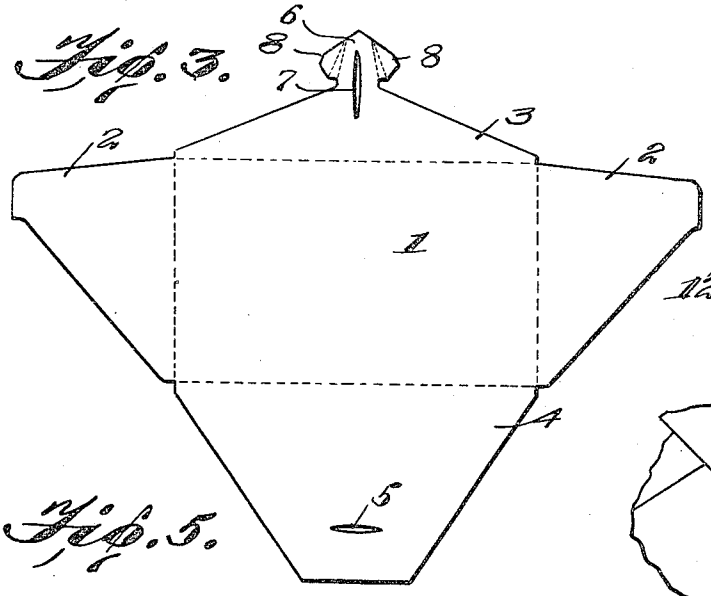


Fig. 4.



Fig. 5.

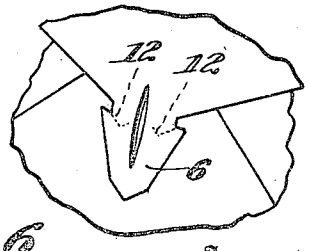
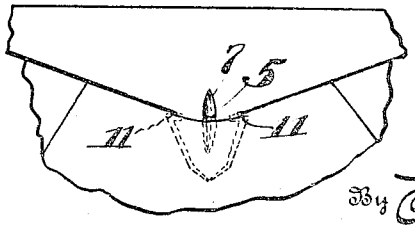


Fig. 6.



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UNITED STATES PATENT OFFICE.

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FASTENING DEVICE FOR PACKAGES.

1,374,023. Specification of Letters Patent. Patented Apr. 5, 1921.

Application filed December 11, 1919. Serial No. 344,260.

To all whom it may concern:

Be it known that I, HENRI MORIER, residing at Killingly, in the county of Windham and State of Connecticut, have invented certain new and useful Improvements in Fastening Devices for Packages, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to an envelop or a fastening device for packages, and has for its object the construction of a simple and efficient, as well as a novel flap and tongue structure, which, when in position for fastening, cannot be unfastened without destroying the envelop or wrapper.

With this and other objects in view, my invention comprises certain novel combinations, constructions and arrangements of parts as will be hereinafter described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claims.

In the drawings:

Figure 1 is a view in elevation of a wrapper or envelop, showing the primary flap in an open position.

Fig. 2 is a sectional view of my envelop in a closed position.

Fig. 3 is a plan view of a wrapper or envelop constructed in accordance with the present invention, showing all of the flaps in an open position.

Fig. 4 is a fragmentary, perspective view of the primary flap, showing a modified form of the tongue.

Fig. 5 is a fragmentary view of the wrapper or envelop, showing the tongue in the slit on the auxiliary flap.

Fig. 6 is a fragmentary, perspective view of the wrapper or envelop, looking at the outer side of the tongue, or the opposite side of the tongue to that shown in Fig. 4.

Fig. 7 is a section taken on line 7—7, Fig. 1, and looking in the direction of the arrows.

Referring to the drawings by numerals, 1 designates the body of the wrapper or envelop, and 2—2 the end flaps; the primary flap 3, as well as the auxiliary flap 4, is integral with the body 1. The auxiliary flap 4 is provided with a longitudinally-extending slit 5, near its outer end.

The primary flap 3 is provided with a tongue 6. In the primary flap 3 is a transversely-extending slit 7, which slit 7 extends into the tongue 6, so that the tongue can be slightly compressed together at its middle (see Fig. 5) to allow it to enter the slit 5, and after entering spring or expand to its normal position for holding the tongue against withdrawal out of the slit 5; by reason of the slit 7, the tongue can be made slightly wider than if no compression of the tongue was possible, thereby producing a more efficient device, by reason of the tongue being held against fraudulent withdrawal from the slit 5 after being placed thereon.

On the tongue 6 are side wings 8, and extending longitudinally of these wings 8 and the tongue 6 are integral stiffening ribs 9. The stiffening ribs 9, on the wings 8, make the inner corners 10 of the tongue 6 comparatively strong, and produce a "hook" that bears against the ends 11 (Fig. 5) of the slit portion 5, and by reason of the slit 7, the tongue 6 will have been expanded in the slit 5, so that the tongue 6 can not possibly be withdrawn from the slit without tearing the flap 4. In the embodiments shown in Figs. 4 and 6, the same structure is involved as in Figs. 1 to 3 and 5, except that in this embodiment, I score or perforate, at 12, the tongue 6, so that the tongue can be easily torn off the flat 3, when the wrapper, package, or envelop is tampered with.

While I have described the preferred embodiments of my invention, and have illustrated the same in the accompanying drawings, certain minor changes or alterations may appear to one skilled in the art to which this invention relates, during the extensive manufacture of the same and I, therefore, reserve the right to make such changes or alterations as shall fairly fall within the scope of the appended claims.

What I claim is:

1. In a device of the class described, the combination of a body provided with a primary and an auxiliary flap, said auxiliary flap provided with a slit, said primary flap provided with a tongue, said tongue provided with wings having stiffening ribs formed thereon, and said tongue and wings adapted to fit in the slit of the auxiliary flap.

2. In a device of the class described, the combination of a body provided with a primary and an auxiliary flap, said auxiliary flap provided with a slit, said primary flap provided with a tongue, said primary flap having a slit extending into the tongue and

terminating short of the outer edges of the tongue, said tongue provided with side wings, said wings provided with stiffening ribs extending the length thereof, and said tongue adapted to be slightly compressed for placing it in the slit of the auxiliary flap and permitting the inner ends of the wings and the ribs to "hook" under the ends of the slit of the auxiliary flap, substantially as shown and described.

3. In a device of the class described, the combination of a body provided with a primary and an auxiliary flap, said primary flap provided with a tongue, means on the tongue for permitting the same to be slightly compressed at opposite sides, and said tongue provided with wings having stiffening means, whereby when the tongue and wings are placed under a portion of the auxiliary flap the tongue will be positively fastened under the auxiliary flap for preventing accidental or unauthorized opening of the flaps.

Lac la Biche Station, Alberta, Canada, July 14, 1919.

HENRI MORIER.