O. W. STUCH & R. E. STURGIS.

PACKAGE TIE.

APPLICATION FILED JULY 25, 1914.

1,157,451. Patented Oct. 19, 1915.

Fig. 1.

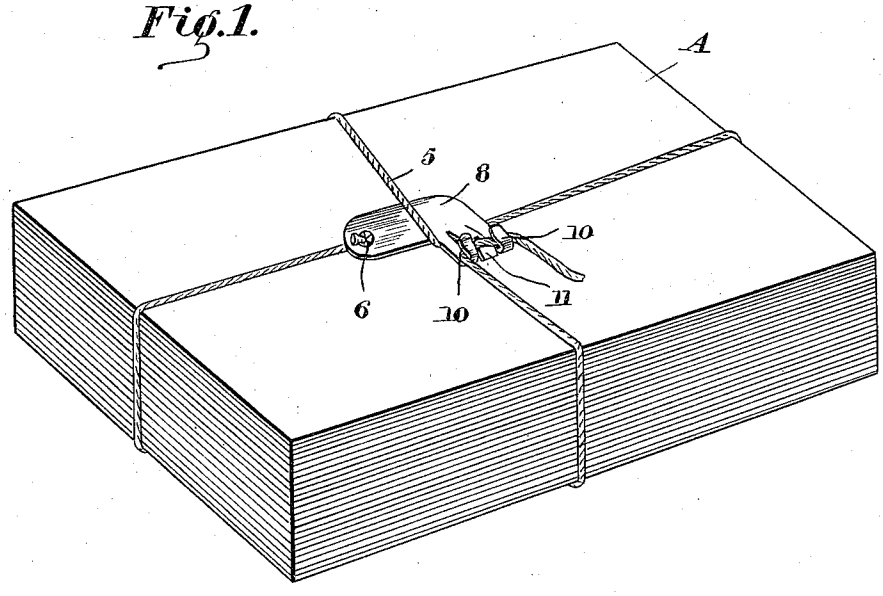


Fig. 2.

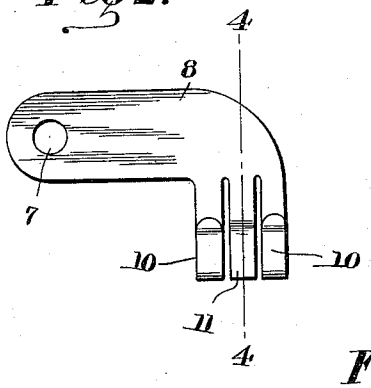


Fig. 3.

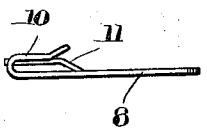
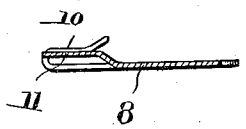


Fig. 4.



Witnesses

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PACKAGE-TIE.

1,157,451. Specification of Letters Patent. Patented Oct. 19, 1915.

Application filed July 25, 1914. Serial No. 853,108.

To all whom it may concern:

Be it known that we, OTTO W. STUCH and RICHARD E. STURGIS, citizens of the United States, residing at Allegan, in the county of Allegan and State of Michigan, have invented new and useful Improvements in Package-Ties, of which the following is a specification.

The invention relates to a package tie for use in postal or mail service.

The primary object of the invention is the provision of a tie wherein mail matter such as letters, packages, newspapers, or the like, can be conveniently and quickly bundled and fastened intact for the ready and safe transportation thereof from one point to another without the possibility of the contents or articles of the package becoming separated or lost during transit.

Another object of the invention is the provision of a package tie wherein a single strand of cord can be used for an indefinite period of time, thereby enabling considerable saving in material, the tie for the cord being of novel form to prevent cutting of the same or undue wear thereon.

A further object of the invention is the provision of a tie of this character wherein the same is made from a single blank of relatively stiff material so that the cord can be fastened about a package for the tying thereof.

A still further object of the invention is the provision of a tie wherein a package can be tied in the least possible time, and which will be practically indestructible, and obviating undue wear on the tying medium.

A still further object of the invention is the provision of a tie of this character which is simple in construction, reliable and efficient in operation, strong, durable, and inexpensive in manufacture.

With these and other objects in view, the invention consists in the construction, combination and arrangement of parts as will be hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claim hereunto appended.

In the drawing:—Figure 1 is a perspective view of a tie constructed in accordance with the invention shown applied about a package of mail matter such as envelops. Fig. 2 is a plan view of the cord fastening plate. Fig. 3 is an edge elevation thereof. Fig. 4 is a sectional view on the line 4—4 of Fig. 2.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, A designates a plurality of envelops which are of the ordinary well-known form and are adapted to contain letters to be transported from one point to another, the said envelops being stacked and have applied thereto a package tie presently described.

The package tie comprises a cord 5, which may be of the required length, and is freely flexible for the training of the same about the stacked envelops A for holding them in package form. One end of the cord 5 is formed with a knot 6, and this knotted end is loosely trained or passed through a hole 7 formed at one end of an L-shaped plate 8, the same being made from a single blank of sheet material, preferably metal, the hole being formed in the longer limb of the plate, while cut and bent from the shorter limb of the said plate are spaced parallel hooks 10 and a resilient latch tongue 11 located between the said hooks 10 so that on the engagement of the cord in the hooks the tongue 11 will lock the same therein, thus holding the cord fast when wrapped about the package of enevlops A, as shown.

The knotted end 6 of the cord is prevented from pulling through the hole 7 in the plate, while the other end portion of the cord can be readily and easily engaged in the hooks 10, while the tongue 11 frictionally engages the cord to hold the same fast in the hook, and prevents the slipping of the cord therethrough when stretched tight about the package or the envelops A, as shown in Fig. 1 of the drawing.

From the foregoing it is thought that the construction and manner of use of the device will be clearly understood, and therefore a more extended explanation has been omitted.

What is claimed is:—

A package tie comprising a flat plate of substantially L-shape having spaced parallel slots cut in one branch thereof to form intermediate and outer tongues, the outer tongues being bent to form hooks, the intermediate

tongue being struck upwardly whereby a major portion thereof will lie substantially in the same plane with the bills of the hooks, and a cord connected with the other branch of the plate for engagement in the two hooks to be engaged by the intermediate tongue for the locking of the cord against sliding movement in the hooks.

In testimony whereof we affix our signatures in presence of two witnesses.

OTTO W. STUCH.
RICHARD E. STURGIS.

Witnesses:
MARJORIE MINER,
NELLIE EGGLESTON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."