

No. 814,758.

PATENTED MAR. 13, 1906.

J. S. WILLIAMSON.
TIE FOR PACKAGES.

APPLICATION FILED JUNE 27, 1905.

Fig. 1.

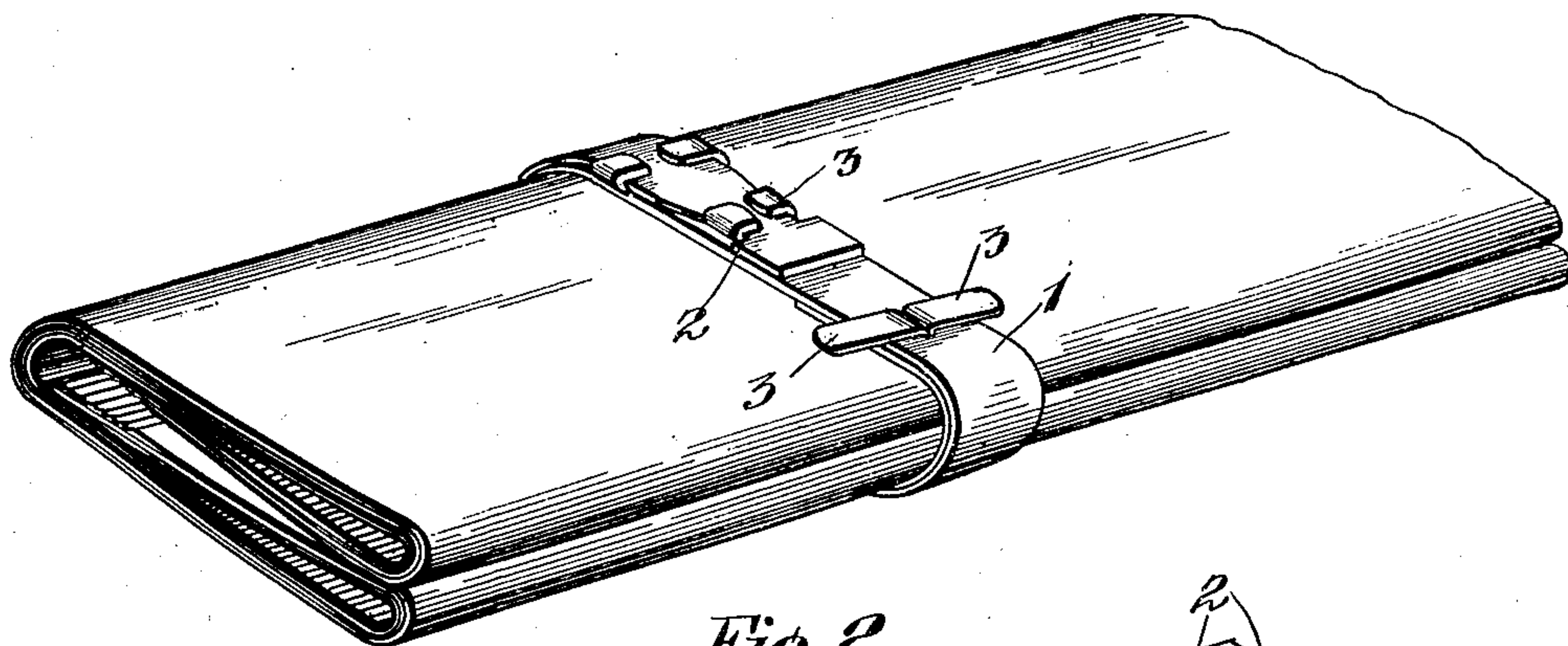


Fig. 2.

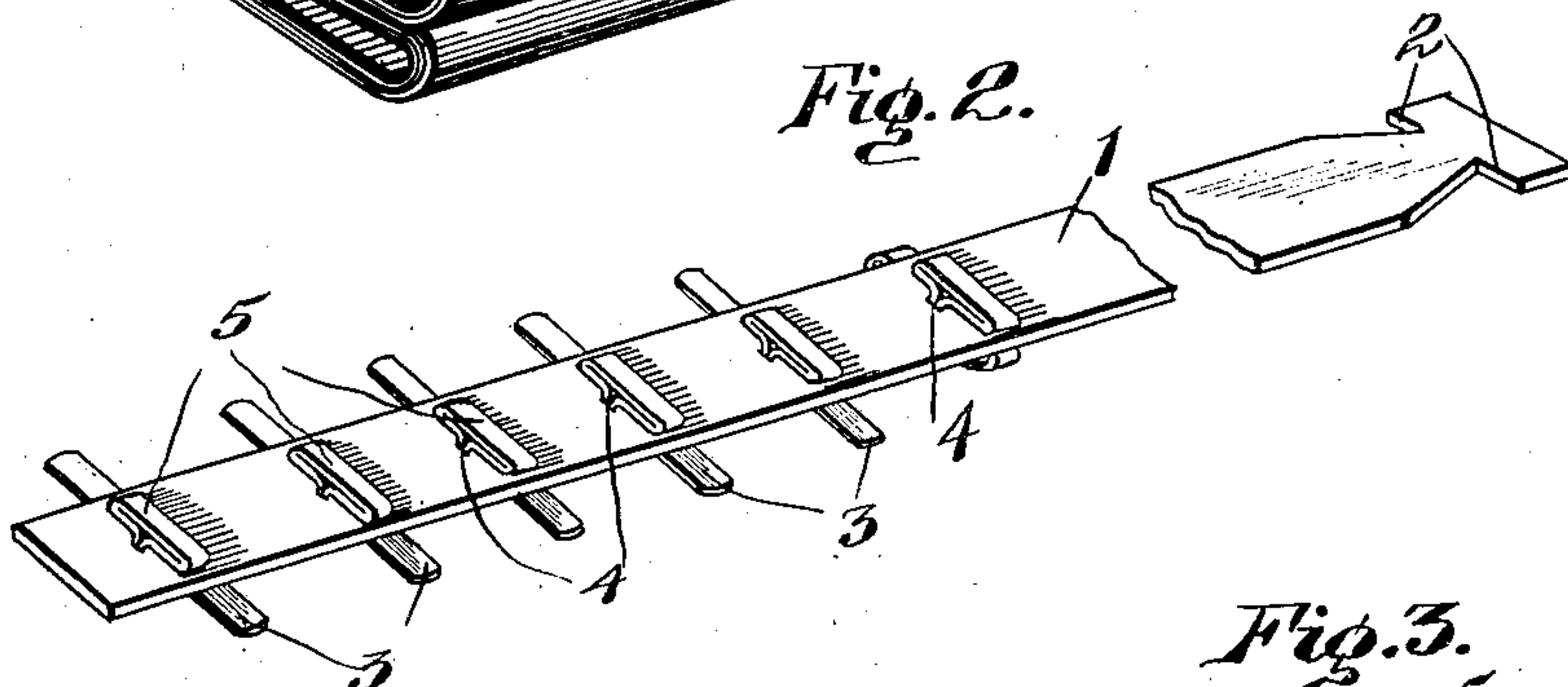


Fig. 3.

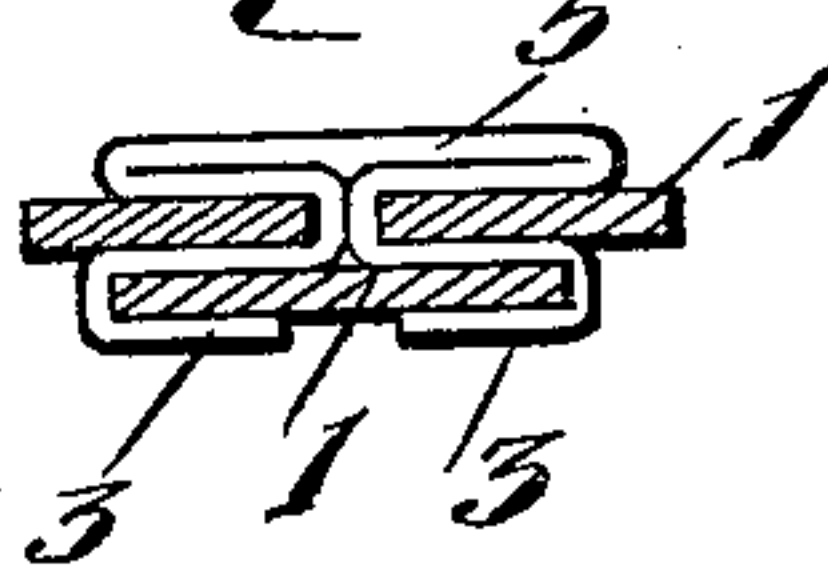
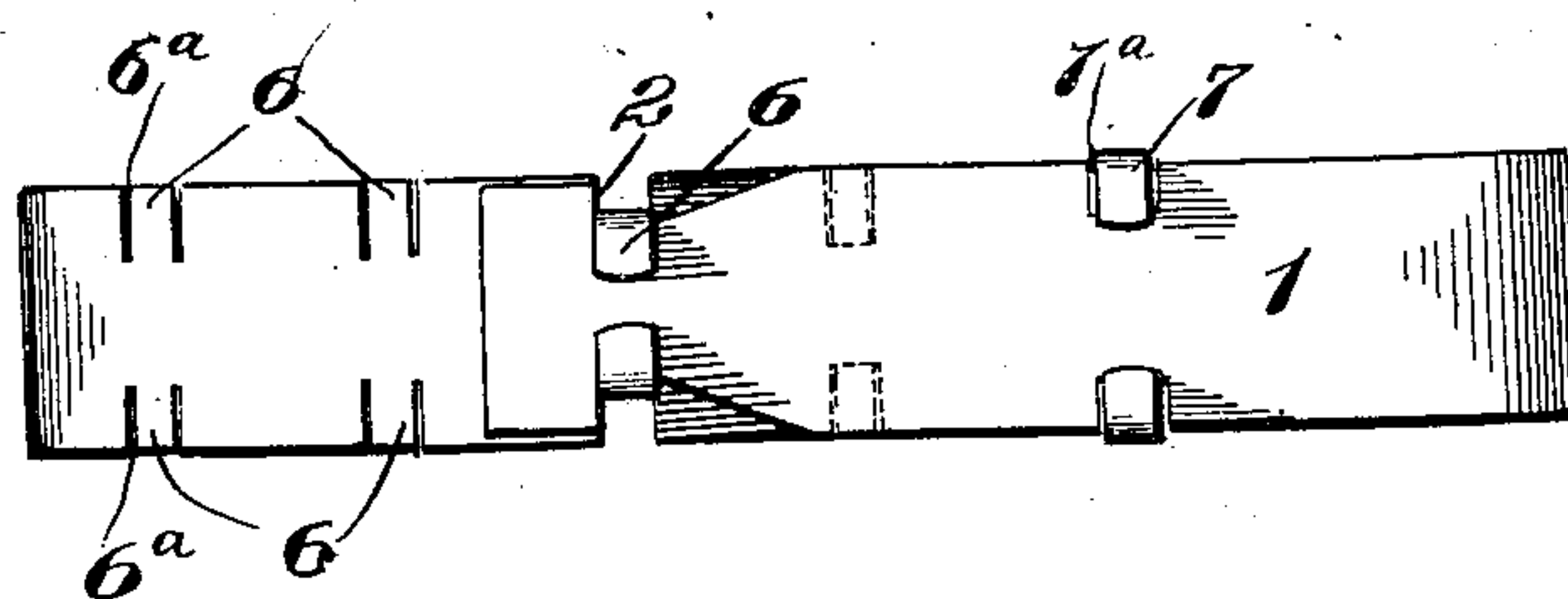


Fig. 4.



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UNITED STATES PATENT OFFICE.

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TIE FOR PACKAGES.

No. 814,758.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed June 27, 1905. Serial No. 287,259.

To all whom it may concern:

Be it known that I, JOHN S. WILLIAMSON, a citizen of the United States, residing at Elizabethtown, in the county of Bladen and State of North Carolina, have invented certain new and useful Improvements in Ties for Packages, of which the following is a specification.

This invention comprises a novel form of tie designed for securing packages or the like.

Simplicity and cheapness of construction are the essential features of advantage possessed by a tie embodying the invention, the construction being very advantageous also in facilitating the attachment of the tie to a package in the practical use of the same.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view of the invention applied. Fig. 2 is a perspective view of the tie, showing the same before it is applied to a package, the view looking toward the under side of the band. Fig. 3 is a transverse sectional view through the tie, showing more clearly the manner of attaching the fastening-tongues forming a part thereof. Fig. 4 is a view of a modification of the invention.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In the drawings the numeral 1 designates a band, which is preferably of metal and of a suitable length such as may be desired for general uses. The band 1 is adapted to be passed about a package or the like one or more times, dependent upon the size of the package and the length of the tie, the end portions of the band 1 being secured together by means which forms the primary feature of this invention. One end of the band 1 is cut away at opposite sides thereof to form opposite shoulders 2 in spaced relation, and these shoulders are adapted to be engaged by spaced tongues 3, arranged laterally of the opposite end portion of the band 1. As shown in Figs. 1, 2, and 3, the tongues 3 are separate from the band 1, and said tongues are applied thereto by being passed through an opening 4 in the band 1. The tongues 3 are formed integrally with a head 5, which when the tongues are applied to the band 1 is dis-

posed upon one side of the band 1, the tongues 3 being passed through the opening 4 and disposed flatwise upon the opposite side of the band. The head 5 and the formation of the tongues 3 when bent back flatwise of the band 1 is such as to readily prevent the tongues from being displaced from the band, the same therefore forming a permanent part of the tie. When bent flatwise of the band 1, the tongues 3, as shown in Fig. 2, project beyond the edges of the band, and any pair of these tongues may be refolded upon themselves in order to be engaged with the shoulders 2 of the band after the latter has been wrapped or passed about the package properly. It is designed that a number of sets of the tongues 3 be applied to the end portion of the band which carries the tongues in order to afford a nicety of adjustment of the tie in securing packages very compactly.

Fig. 4 shows a construction in which the tongues 6 perform substantially the same function as the tongues 3 described with reference to the construction in the first three figures of the drawings, and the tongues 6 are also arranged at opposite edges of the band 1, being integral therewith, however, instead of forming a part of a separate member. The band 1 at intervals in the end portion thereof which carries the tongues 6 is formed with a plurality of spaced lateral slits 6^a, and these slits separate a portion of the band from the body thereof to form the tongues 6, which are flexible and which may therefore be readily bent toward each other, so as to engage the shoulders 2 upon the opposite end of the band, as described hereinbefore.

The tongues 7 in Fig. 4 are formed by the slits 7^a. These tongues 7 are somewhat longer than the tongues 6, and said tongues 7 are designed to form spaced keepers to engage the end portion of the band 1, which is formed with the shoulders 2, the keepers 7 constituting a loop through which said end portion of the band will slide when adjusting tie to packages and assisting in preventing displacement or disengagement of the tongues 3 and 6 from the said shoulders 2.

Having thus described the invention, what is claimed as new is—

1. A tie consisting of a band provided at one end with spaced shoulders, spaced tongues arranged laterally at opposite edge portions of the other end of the tie and adapted to be folded upon themselves and engage the spaced shoulders before mentioned, and other

spaced tongues arranged similar to those first mentioned and adapted to engage over the end of the tie having the spaced shoulders to hold said spaced shoulders in engagement with the first-mentioned tongues.

2. A tie consisting of a band provided at one end with spaced shoulders, spaced laterally-extending tongues upon the opposite end of the band, and a head integral with said
10 tongues and upon one side of the band while the tongues pass through an opening in the

band and are bent flatwise upon the opposite side, the extremities of the tongues being re-folded or bent over into engagement with the shoulders at the end of the band above men- 15
tioned.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN S. WILLIAMSON. [L. S.]

Witnesses:

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J. W. HALL.