

No. 703,018.

Patented June 24, 1902.

J. A. THOMAS.

PACKAGE TIE.

(Application filed June 25, 1901.)

(No Model.)

Fig. 1.

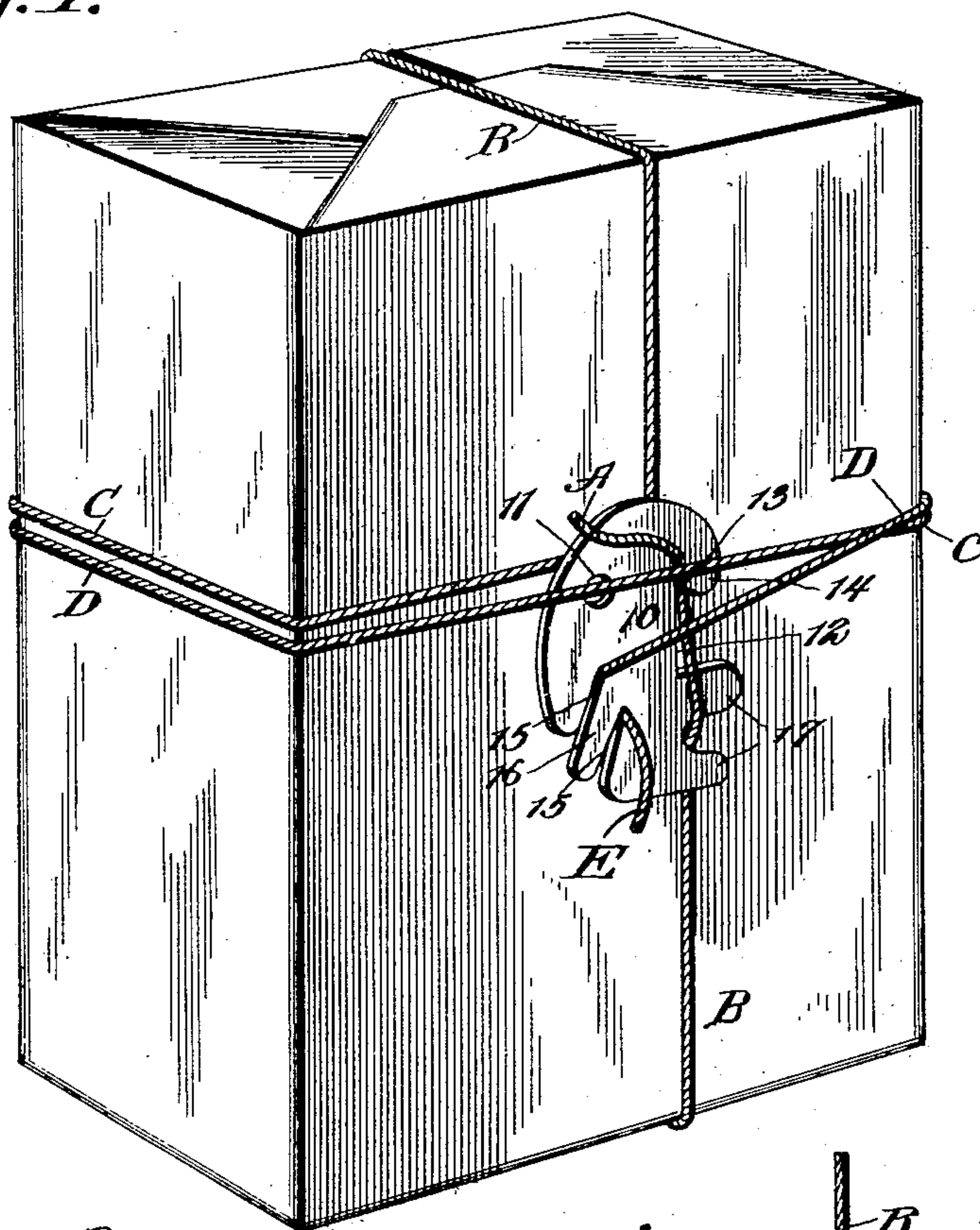


Fig. 2.

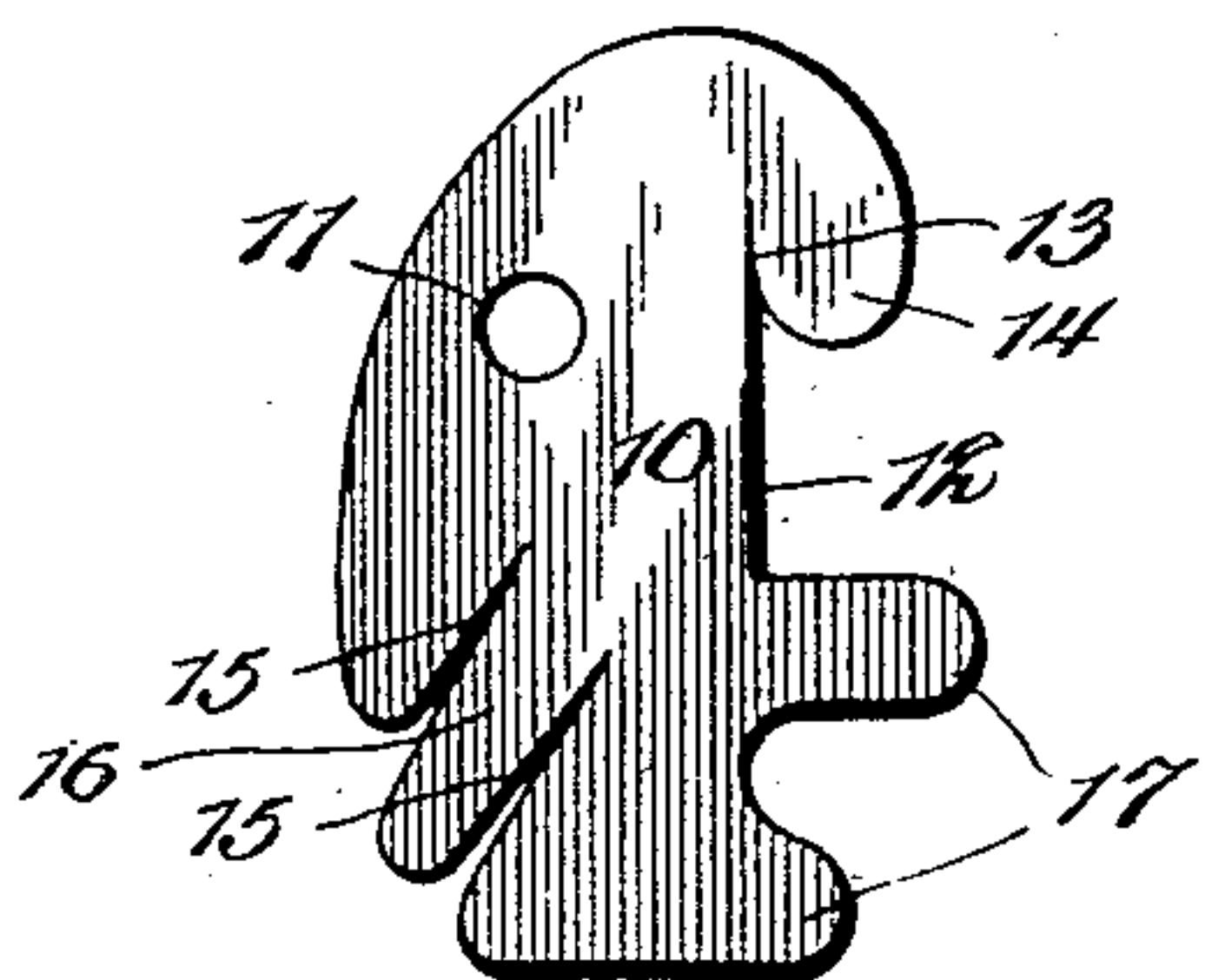
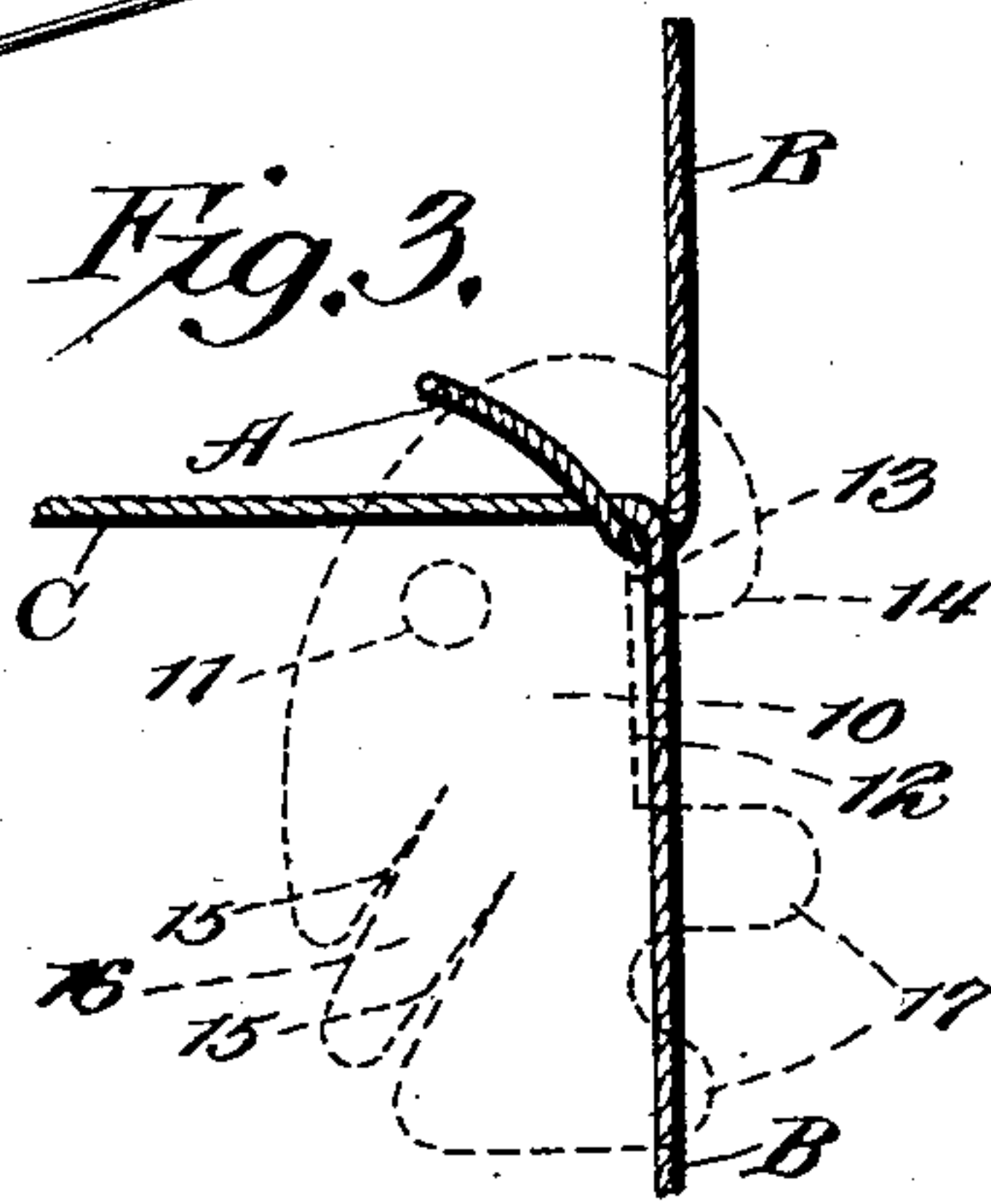


Fig. 3.



James A. Thomas, Inventor:

By

E. G. Siggers.

Attorney

Witnesses
Howard D. Orr.
B. H. Foster.

UNITED STATES PATENT OFFICE.

JAMES AUGUSTUS THOMAS, OF SAVANNAH, GEORGIA.

PACKAGE-TIE.

SPECIFICATION forming part of Letters Patent No. 703,018, dated June 24, 1902.

Application filed June 25, 1901. Serial No. 65,999. (No model.)

To all whom it may concern:

Be it known that I, JAMES AUGUSTUS THOMAS, a citizen of the United States, residing at Savannah, in the county of Chatham and State of Georgia, have invented a new and useful Package-Tie, of which the following is a specification.

The present invention relates to package-ties; and the principal object thereof is to provide a simple article of this character that is inexpensive to construct and will securely hold the ends of twine or other binding material together without the necessity of tying knots therein.

A further object is to provide a device which will permit of easy and ready tying and untying of the twine, thus avoiding the necessity of cutting the same and permitting of using it and the tie again and again.

In connection with these objects a very important feature resides in the construction, whereby the tie not only holds the twine, but is itself locked against movement and accidental displacement.

In the drawings which accompany and form a part of this specification the preferred form of the invention and its manner of application are clearly illustrated, and this form is fully described in the following specification.

It will of course be understood that such slight changes may be made therefrom as are within the scope of the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a package, showing the twine secured by the tie. Fig. 2 is a side elevation of the tie detached. Fig. 3 is a detail view illustrating the manner in which the cord is arranged beneath the tie, which is indicated in dotted lines.

Similar characters of reference designate corresponding parts in all the figures of the drawings.

The improved tie is preferably made of a single piece of sheet metal or other suitable material and comprises a body 10, which may have an opening 11, by means of which said body may be suspended upon a hook or nail when not in use. One side of the body is cut out, as shown at 12, and from this cut-out portion a twine-receiving notch 13 extends toward one end of the body, said notch tapering toward its inner end. By this means a

tongue 14 is formed, said tongue being thus located at one end of the body. A pair of spaced notches 15 extend into the body from the edge opposite the cut-out portion 12 and preferably at a point diagonally opposite the tongue 14. These notches extend in a direction toward the tongue 14 and taper toward their inner ends. A twine-holding tongue 16 is thus formed between the same. Projecting from the edge of the body which is opposite the tongue 16 are a pair of spaced stop-fingers 17.

The manner in which the device is employed is clearly illustrated in Fig. 1. One end of the binder-twine, as A, is engaged in the notch 13, between the tongue 14 and the body, and a wrap, as B, is made longitudinally about the package. The twine is then passed about the terminal A, beneath the body, as is clearly shown in Fig. 3, and one or more wraps, as C and D, are made transversely about the package. The fingers 17 are then engaged on opposite sides of the longitudinal wrap B, as is shown in Fig. 1, and the free end E of the twine is passed across said wrap and looped about the tongue 16. It will thus be seen that the twine may be drawn very tightly; but because of the engagement of the stop-fingers against the longitudinal wrap B there is no chance of the strain turning the body enough to release the opposite end. At the same time this strain holds the fingers in engagement with the longitudinal wrap, and the inner finger bearing against the surface of the package will prevent any rotary movement about said wrap. To untie the device, it is only necessary to slip the end E out of the notches 15, whereupon the device may be readily removed without the necessity of breaking or cutting the cord or the delay of untying knots.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus described my invention, what

I claim as new, and desire to secure by Letters Patent, is—

5 A package-tie comprising a body having a portion cut out of one side, and a tapering twine-receiving notch extending from said cut-out portion toward one end, said body being also provided in one side with spaced tapering notches that extend into the body from one side thereof at an inclination to said
10 side and form a twine-holding tongue therebetween, and a plurality of spaced stop-fingers projecting from the side edge of the body

which is opposite the twine-holding tongue and at substantially right angles thereto, said fingers being arranged to engage opposite 15 sides of a wrap of the twine located alongside the body.

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

JAMES AUGUSTUS THOMAS.

Witnesses:

JAS. H. GALLAHER,
C. L. HEFFERNAN.