

J. W. JOHNSON.
PACKAGE TIE.
APPLICATION FILED OCT. 16, 1908.

929,952.

Patented Aug. 3, 1909.

Fig. 1.

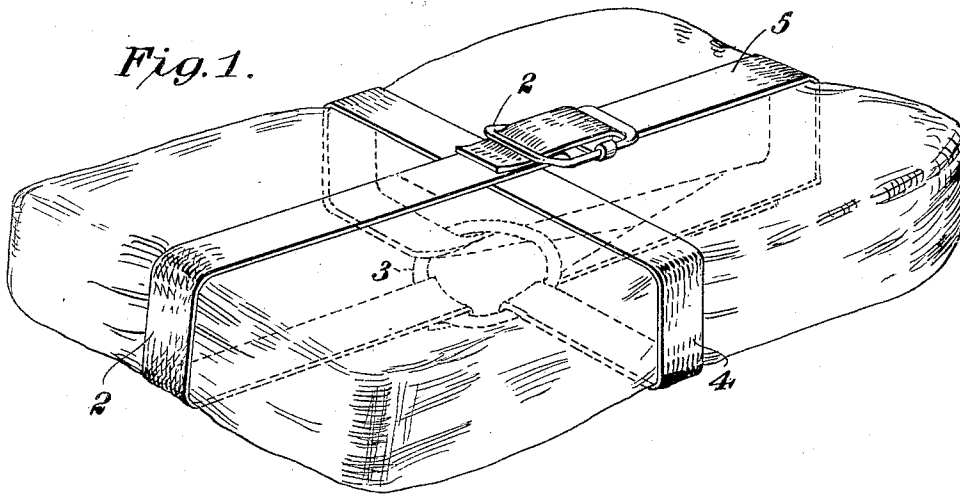
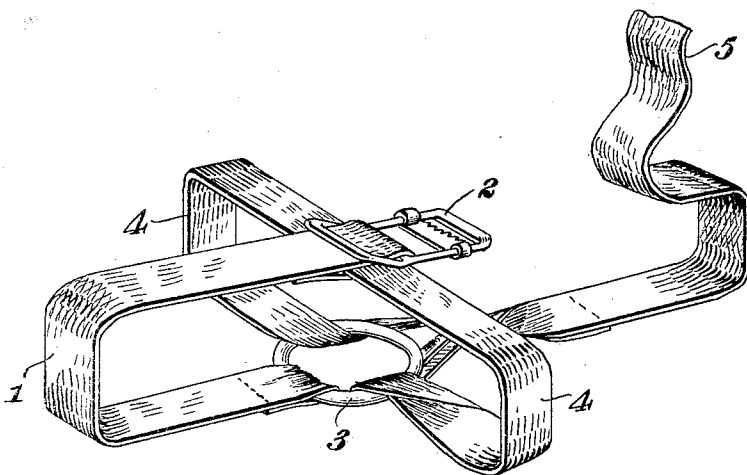


Fig. 2.



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UNITED STATES PATENT OFFICE.

JOHN W. JOHNSON, OF KANSAS CITY, MISSOURI.

PACKAGE-TIE.

No. 929,952.

Specification of Letters Patent.

Patented Aug. 3, 1909.

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To all whom it may concern:

Be it known that I, JOHN W. JOHNSON, citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Package-Ties, of which the following is a specification.

The present invention relates to certain new and useful improvements in bundle or package ties and the object of the invention is the provision of a device of this character which can be easily and quickly applied to a package or removed therefrom and which will serve to securely hold the contents of the package.

The invention further contemplates a novel form of package tie which can be quickly expanded or contracted so as to fit various sizes of packages and which is peculiarly constructed so that by pulling upon one strap member the tie will be drawn tightly around both the ends and the sides of the package.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction and 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 showing the improved package tie applied, and Fig. 2 is a perspective view of the package tie when detached.

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.

Specifically describing the present embodiment of the invention, the numeral 1 designates an end strap section which is designed to fit around one end of the package, a buckle 2 being secured to one extremity of the strap section, while a ring 3 is secured to the opposite extremity thereof. An intermediate portion of a transverse strap 4 which is designed to extend around the sides of the package, is stitched or otherwise securely connected to the buckle end of the strap section 1, the two ends of the transverse strap 4 being passed loosely through the ring 3 and terminating in a second end strap 5 which is secured thereto. This second end strap 5 is designed to be drawn around the opposite end of the package or bundle to that engaged by the first mentioned strap section 1 and to be engaged by the buckle 2.

With this construction it will be obvious that when the tie is applied to a package, the buckle 2 will be disposed at the top of the package and the ring 3 at the bottom of the package, the transverse strap 4 extending around the sides of the package while the strap section 1 and end strap 5 extend around the ends of the package. By pulling upon the end strap 5, the ends of the transverse strap 4 are drawn through the ring 3 and the said strap caused to grip the sides of the package, and at the same time the strap section 1 and end strap are drawn tightly around the ends of the package. The end strap 5 is then caused to engage the buckle 2 whereupon the members of the package are held securely together, but may be quickly released by again disengaging the end strap.

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

1. In a package tie, the combination of a strap section adapted to fit around one end of the package, a transverse strap adapted to extend around the sides of the package and having an intermediate portion thereof permanently connected to one end of the first mentioned strap section, the ends of the transverse strap having a sliding connection with the other end of the said strap section, and a second end strap connected to the extremities of the transverse strap and adapted to extend around an end of the package and to be secured to that end of the first mentioned strap section to which the transverse strap is permanently secured.

2. In a package tie, the combination of a strap section adapted to extend around one end of a package, a buckle applied to one end of the strap section, a ring applied to the opposite end of the strap section, a transverse strap adapted to extend around the sides of the package and having an intermediate portion thereof permanently connected to the buckle end of the strap while the two ends thereof pass loosely through the ring, and a second end strap secured to the extremities of the transverse strap and adapted to be drawn around the end of the package and engaged by the buckle.

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

JOHN W. JOHNSON. [L. S.]

Witnesses:

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