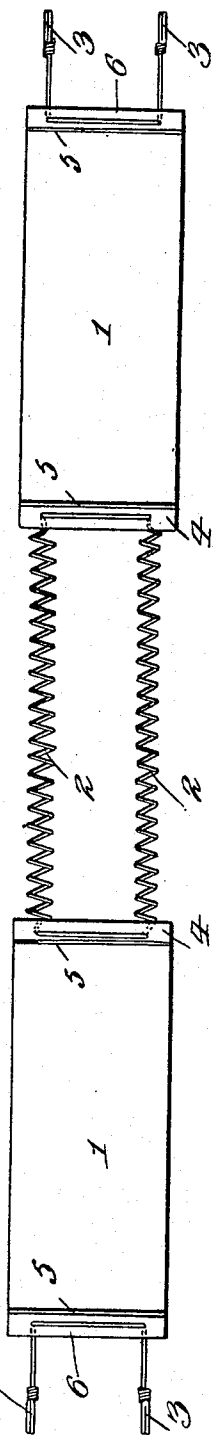


I. M. SANDERS.
PACKAGE TIE.

APPLICATION FILED FEB. 23, 1906.

Fig. 1.



Witnesses
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Fig. 2.

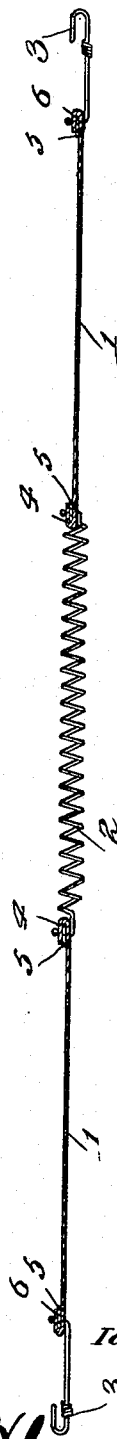
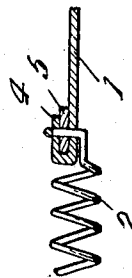


Fig. 3.



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UNITED STATES PATENT OFFICE.

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PACKAGE-TIE.

No. 828,512.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed February 23, 1906. Serial No. 302,570.

To all whom it may concern:

Be it known that I, IDA M. SANDERS, a citizen of the United States, residing at Westport, in the county of Carroll and State of Tennessee, have invented certain new and useful Improvements in Package-Ties, of which the following is a specification.

This invention comprises a simple, inexpensive, and serviceable package-tie for bundles, packages, or the like.

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 top plan view of a tie embodying the invention. Fig. 2 is a vertical longitudinal section. Fig. 3 is a broken section, enlarged, to bring out more clearly the arrangement of the reinforcing-strips of the tie.

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 practical embodiment of the invention it is designed to use longitudinally-spaced strips 1, preferably of fabric material, such as tape, which strips are connected by spaced elastic members 2, the more remote ends of the strips being provided with hooks 3, which are adapted to be engaged with one another after the tie has been passed about the package which is to be secured thereby. The elastic members 2 are preferably made of a single length of spring-wire, which is passed through openings in adjacent ends of the strips 1 to connect the same. Portions of the wire from which the members 2 are made between the strips 1 are coiled so as to conduce to the elastic or spring effect thereof and in order to strengthen the connection between the members 2 and the parts 1 it is designed that the adjacent ends of the strips 1 be folded over, as shown at 4, so as to overlap transverse strips 5, which latter form stiffeners. The strips 5 are preferably equal in

length to the width of the strips 1, and the wire from which the members 2 are formed passes through the end portions of the strips 1 and also the stiffening-strips 5, applied thereto beneath the folds 4. The members 2 are therefore not liable to tear from the material from which the strips 1 are made, as will be obvious.

Two hooks 3 are located at the remote ends of the strips 1 and are preferably made also from a length of wire which is passed through the outer folded portions 6 of the strips 1, said folded portions 6 also overlapping the transverse stiffening-strips 5. Opposite extremities of the wire passed through the remote ends of the strips 1 are bent to form the hooks 3 before mentioned. In the actual use of the invention the elasticity of the tie is very desirable and advantageous and said tie may be passed about objects of different sizes in its practical use. The hooks 3 may be engaged with one another in securing the tie in place.

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

A package-tie composed of longitudinally-spaced strips of fabric material having the ends thereof folded upon the bodies of said strips, transverse spacing-strips received in the folded portions at opposite ends of the strips, adjacent ends of the strips being connected by spaced elastic members made from a length of spring-wire passing through the folded extremities of the strips and the stiffening-strips applied thereto, and a pair of hooks at the outer end of each strip, said hooks being located at the extremities of a length of wire passing through the outerfolded end portion of the adjacent strip and the stiffening-strip applied thereto.

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

IDA M. SANDERS. [L. S.]

Witnesses:

B. E. SANDERS,
W. G. SANDERS.