

No. 894,652.

PATENTED JULY 28, 1908.

J. J. HUGHES.
PACKAGE TIE.

APPLICATION FILED JAN. 29, 1908.

Fig. 1.

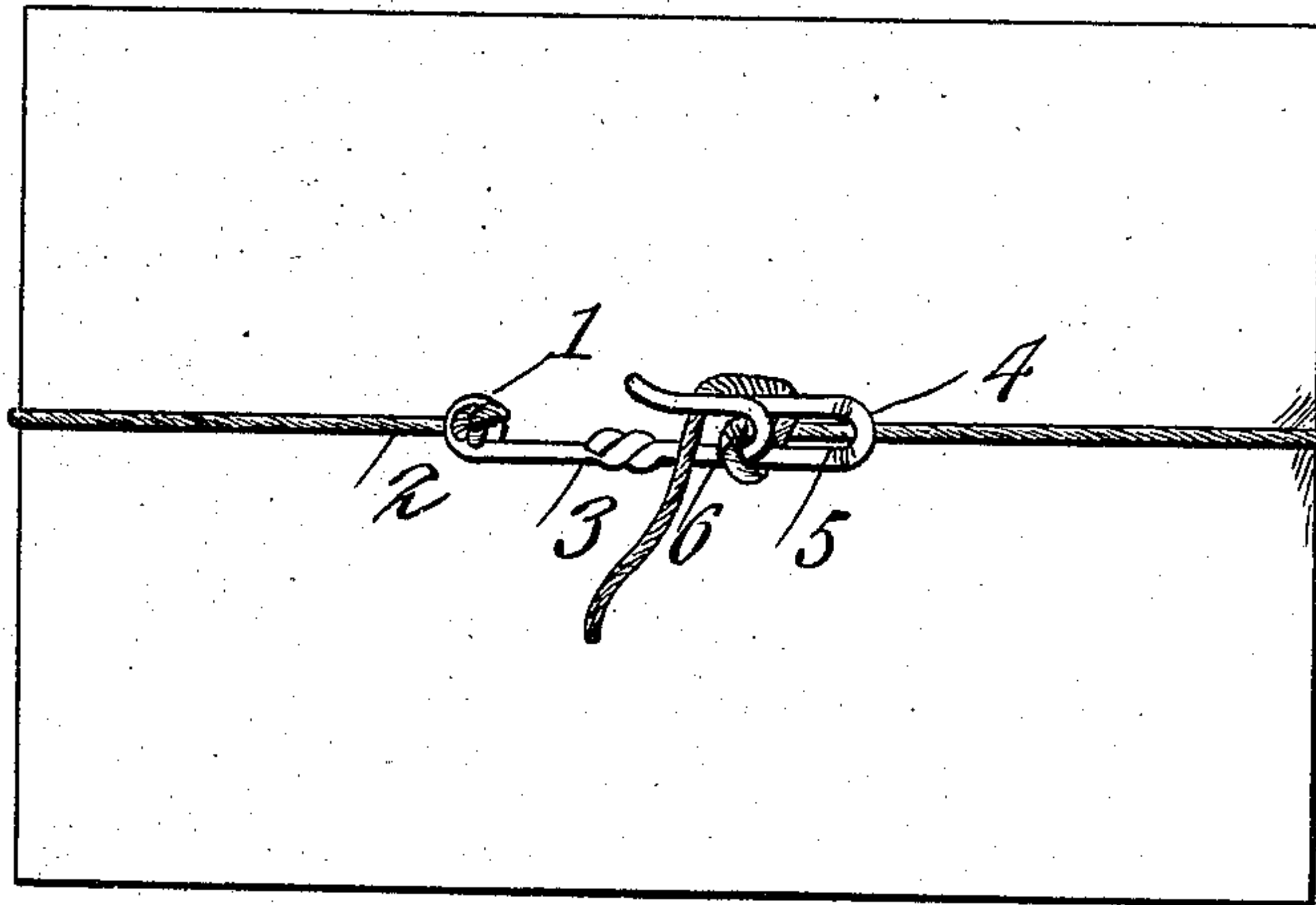


Fig. 2.



Fig. 3.



Witnesses

E. A. Ackmann,
Wm. North.

Inventor

John J. Hughes,

By

Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

JOHN J. HUGHES, OF RYE, NEW YORK.

PACKAGE-TIE.

No. 894,652.

Specification of Letters Patent.

Patented July 28, 1908.

Application filed January 29, 1908. Serial No. 413,313.

To all whom it may concern:

Be it known that I, JOHN J. HUGHES, a citizen of the United States, residing at Rye, in the county of Westchester and State of New York, have invented new and useful Improvements in Package-Ties, of which the following is a specification.

This invention relates to tying devices for envelops, packages and the like, and the object of the invention is to provide an extremely simple device of this character which will effectively retain the tying cord, and in which the tying cord may be readily disconnected from the device and separated from the package when desired.

Another object of the invention is to provide a tying device which is so constructed as to entirely obviate the liability of defacing or injuring the package or bundle to which it is secured.

To these ends the invention resides in the novel construction of package ties, herein-after fully described and claimed.

In the accompanying drawings, Figure 1 is a top plan view of my device in applied position upon a package. Fig. 2 is a side elevation of the same. Fig. 3 is a top plan view of the device detached from the package, and the tying cord removed.

My improved tying device is constructed of a single strand of wire, of any suitable gage, and is provided with an eye 1, adapted for the reception of the knotted end of a tying cord 2. The eye 1 is provided with a shank 3 extending therefrom a suitable distance and provided at its end with a slightly upturned lip 4. The strand of wire is given a bend at the lip 4 and is continued rearwardly in a direct line parallel to the strand 3, from which it is slightly spaced, to form a loop 5. This strand, after being continued a suitable distance, is bent upon itself and extended directly over the strands comprising the loop 5, and the free end is bent upon itself to provide a U-shaped hook 6, and is then continued directly above and in parallel relation to the shank 3 a suitable distance, when it is twisted upon the shank to complete the device.

In securing a bundle or package with my improved tying device, the device is positioned in the center of the package or bundle, the tying string 2 is brought around the

package and within the mouth of the U-shaped hook 6. The end of the tying string is now brought at an angle under the loop 4 and the free end is continued through the mouth of the U-shaped hook. With this construction it will be noted that the cord engaging the strand under the loop 4 is compressed upon the strand, so as to form a double thickness of cord beneath the loop, and that this construction presents a substantial knot which will effectively retain the cord upon the device. It will be also seen that the strand of cord being brought under the loop from the hook is made to assume a direct angle in relation to the cord upon the package, and it will be noted that a pull upon the cord encircling the bundle will have the effect of more tightly compressing the overlapping strand of cord beneath the loop, and that when the device is in applied position a pull in this direction cannot effect the loosening of the cord.

In removing the tie from the package, it is simply necessary to grasp the free end of the cord and after bringing it from between the hook and under the loop, the cord may be easily withdrawn from its engagement with the tie, and the tie readily separated from the package.

It will be noted that the lip of the loop 5 as well as the eye 1 are arranged at a suitable distance above the package or bundle to which the device is secured, and that by this construction the device is effectively held away from the package which it engages.

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

A tying device constructed of a strand of wire comprising a shank having an eye arranged above the plane of the shank, and a loop having a lip also arranged above the plane of the shank, the free end of the lip being continued rearwardly in a parallel line with the shank and bent to form a hook adapted to overlie the loop, and the free end of the hook bent upon the shank.

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

JOHN J. HUGHES.

Witnesses:

MARY E. MAXWELL,
ANNIE HUGHES.