

No. 896,472.

PATENTED AUG. 18, 1908.

E. L. SHARPE.  
PACKAGE TIE.

APPLICATION FILED NOV. 29, 1907.

Fig. 1.

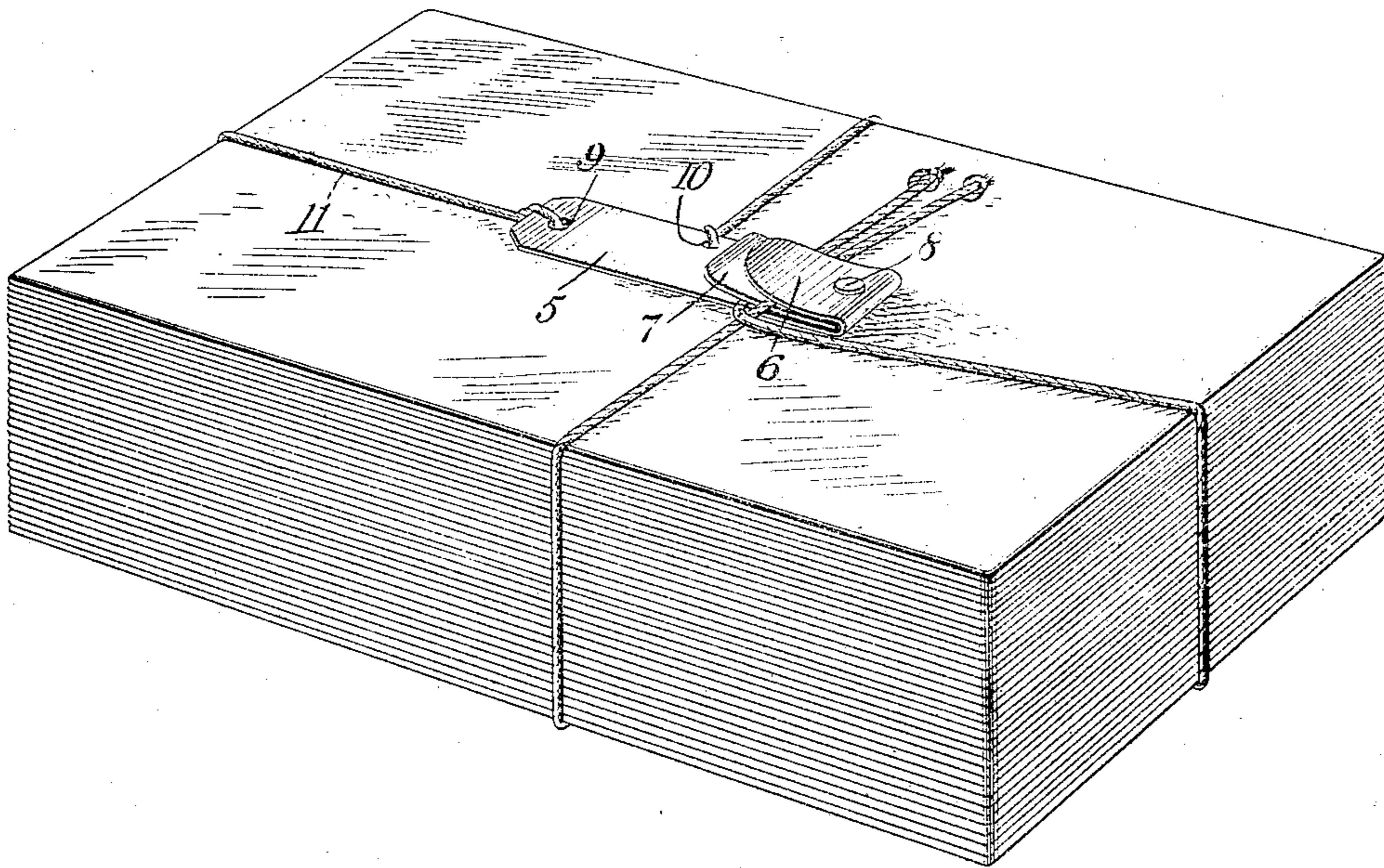
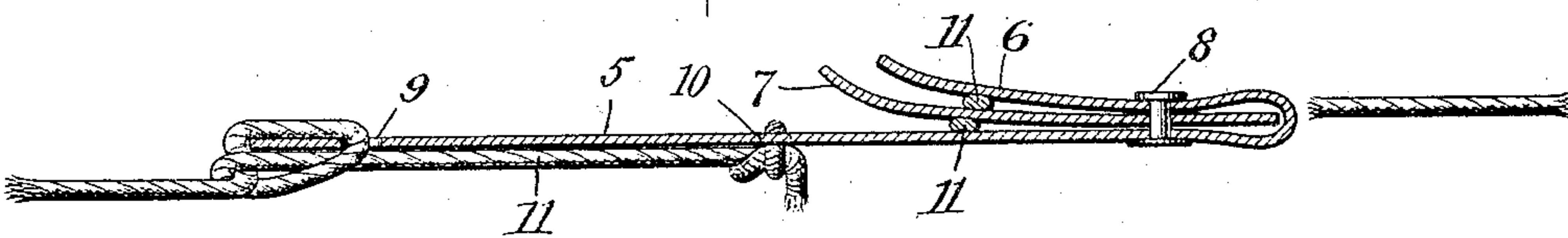


Fig. 2.



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# UNITED STATES PATENT OFFICE.

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## PACKAGE-TIE.

No. 896,472.

Specification of Letters Patent.

Patented Aug. 18, 1908.

Application filed November 29, 1907. Serial No. 404,237.

*To all whom it may concern:*

Be it known that I, EDMUND L. SHARPE, a citizen of the United States, and a resident of Pleasanton, in the county of Atascosa and State of Texas, have invented a new and Improved Package-Tie, of which the following is a full, clear, and exact description.

This invention is an improvement in package ties, having in view the provision of a device embodying simplicity and strength, for bindingly engaging and securing the free ends of a cord or the like employed in tying up the package.

The invention is more especially designed for the use of postmen in tying up packages of letters, although not limited to this particular use, as it will be found of value in tying up packages generally.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a perspective view of the preferred form of my improved tie as applied to a package of letters; and Fig. 2 is a central longitudinal section through the tie.

The tie is composed of a strip of spring metal 5, having a tongue 6 at one end, formed by bending the strip upon itself, and an intermediate tongue 7 which is secured to the tongue 6 and strip by a connecting rivet 8, the latter serving to prevent undue separation of the tongues from the strip. At the opposite end of the strip 5 from the tongues, an aperture 9 is provided, as also an aperture 10, formed at a substantially central point at one side of the strip. These apertures are for the purpose of securing the intermediate portion of a cord 11, employed in tying up the package, the connection between the apertures being preferably made as illustrated in Fig. 2, in which it will be observed the cord is knotted in the aperture 10 and looped about the end of the strip through the aperture 9; this connection operating to prevent any relative movement or slipping between the cord and strip.

In the use of the device in tying up a package, the free ends of the cord are respectively carried transversely and longitudinally thereabout, and are drawn taut between the strip and tongues, one of the free ends of the cord being passed between the two tongues and the other passed between the strip and intermediate tongue, as clearly

illustrated in Fig. 1. The introduction of the cord between the strip and tongues is facilitated by the outwardly-flaring construction of the free ends of the tongues, as shown in Fig. 2.

The binding engagement of the tongues prevents any displacement of the cord until purposely withdrawn, this being correctly performed in untying the package by grasping both free ends of the cord and simultaneously pulling them from under the tongues, this action obviously freeing the package as easily and as quickly as if the cord was cut with scissors or a knife. It is apparent that the binding action of the tongue 7 on the cord passed between it and the strip will be augmented when the other free end of the cord is passed between the two tongues, which makes the chances of the cord slipping between the intermediate tongue and strip all the more remote.

Having thus described my invention I claim as new and desire to secure by Letters Patent:

1. A package tie comprising a strip of spring metal, having means for the attachment of a cord at different points, and a plurality of spring tongues, one of which is integral with the strip and the other made as a separate part and secured to the strip, said tongues being arranged one over the other and at one side thereof for bindingly engaging the ends of the cord under them.

2. A package tie comprising a member adapted to have a cord attached thereto, and spring tongues each of which is directly attached to said member and arranged one above the other at the same side of said member for engaging the free ends of the cord.

3. A package tie comprising a member having means for attaching a cord at one end and at an intermediate point thereof, and spring tongues, each of which is directly attached to the member at the same side thereof and arranged one above the other for bindingly engaging the free ends of the cord.

4. A package tie, comprising a strip of spring metal having one end thereof folded upon itself to provide a tongue, said strip having an aperture near one end and at an intermediate point of its length for the attachment of a cord, and a spring tongue arranged between the strip and the first mentioned tongue, operable to respectively bind-

ingly engage the free ends of the cord there-  
between.

5 5. A package tie, comprising a strip of  
spring material having one end thereof bent  
upon itself to provide a tongue and provided  
with means for attaching a cord, a spring  
tongue arranged between the strip and the  
first mentioned tongue adapted to bindingly  
engage the free ends of the cord, and means

passing through the strip and tongues joining 10  
them together.

In testimony whereof I have signed my  
name to this specification in the presence of  
two subscribing witnesses.

EDMUND L. SHARPE.

Witnesses:

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