

No. 886,592.

PATENTED MAY 5, 1908.

W. E. FRICKE.
PACKAGE TIE.

APPLICATION FILED NOV. 9, 1907.

Fig. 1.

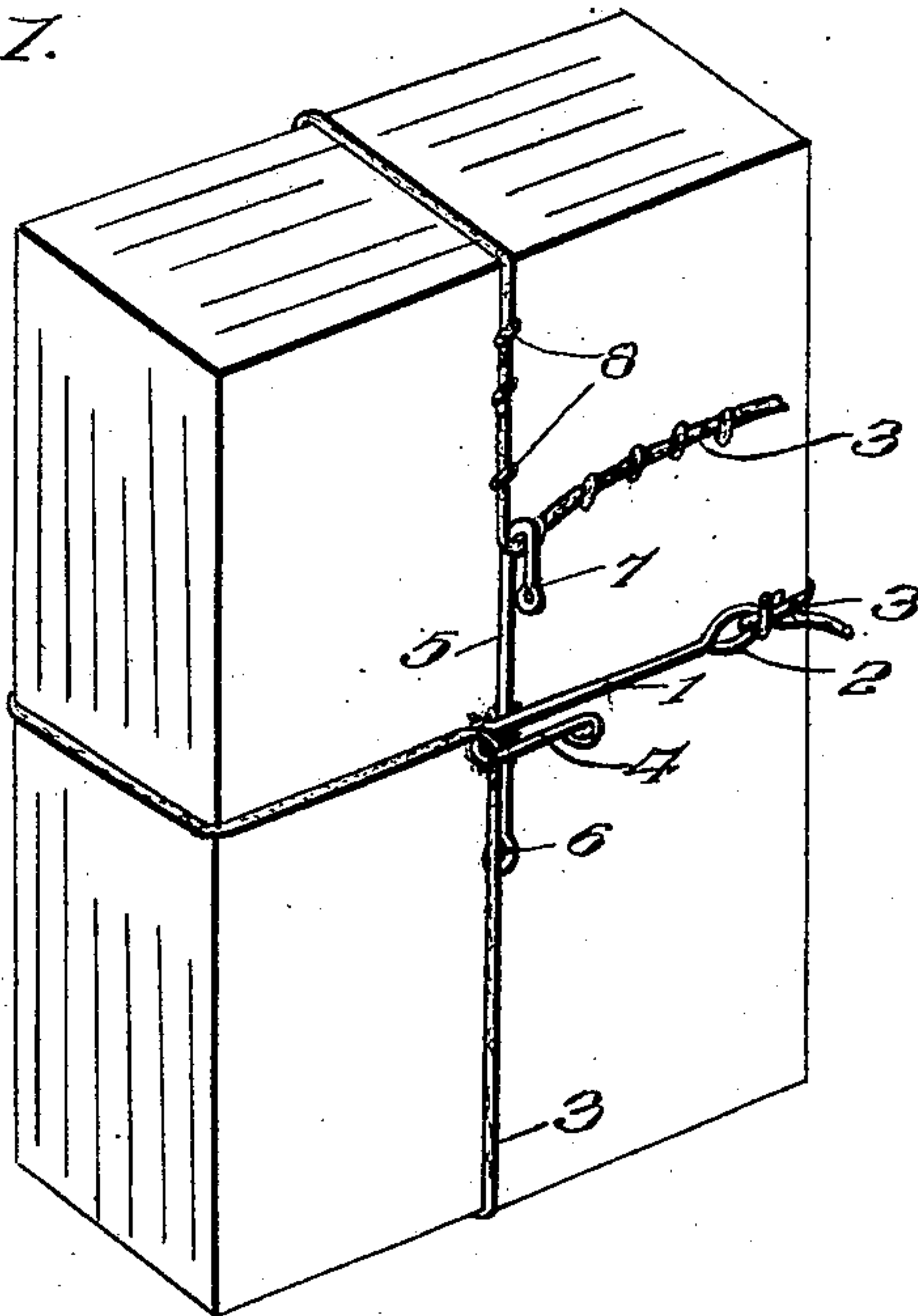


Fig. 2.

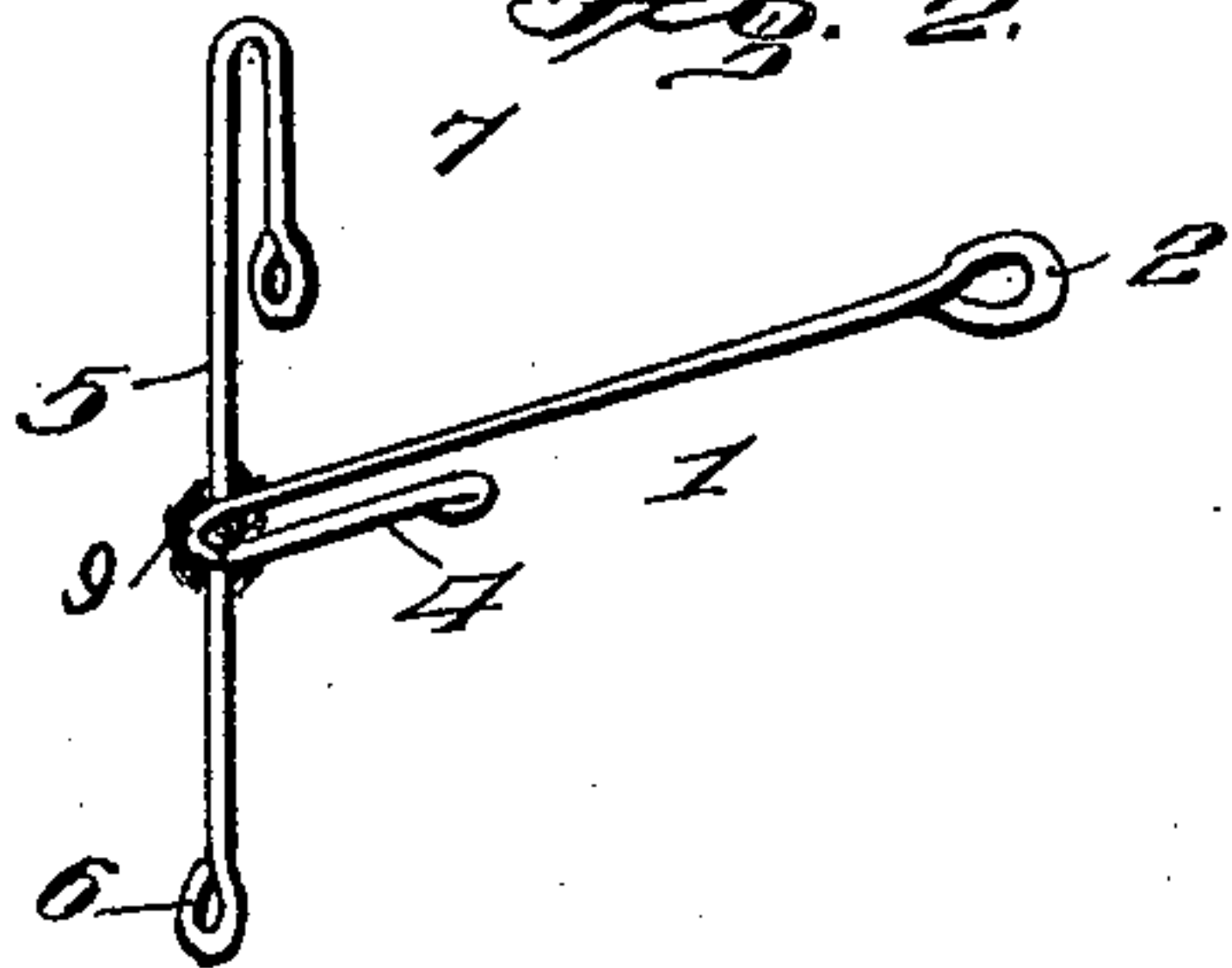


Fig. 3.

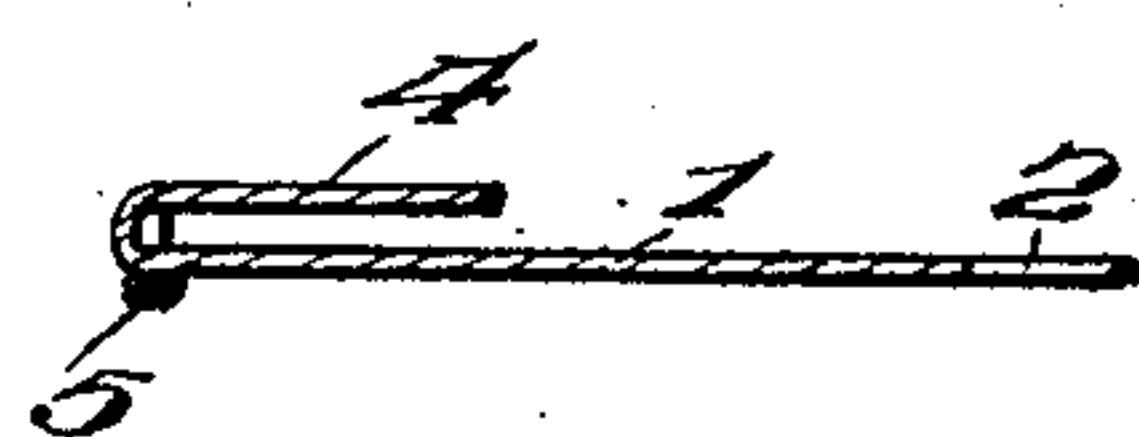
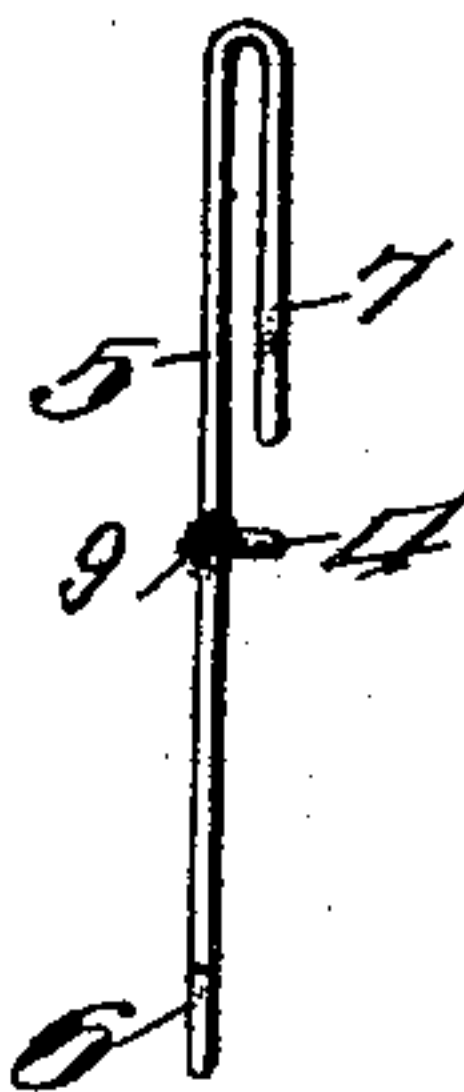


Fig. 4.



Witnesses

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PACKAGE-TIE.

No. 886,592.

Specification of Letters Patent.

Patented May 5, 1908.

Application filed November 9, 1907. Serial No. 401,502.

To all whom it may concern:

Be it known that I, WILLIAM E. FRICKE, a citizen of the United States, residing at Sumpter, in the county of Baker and State of Oregon, have invented certain new and useful Improvements in Package-Ties, of which the following is a specification.

The present invention relates to an improved device for binding together a plurality of letters or similar individual members and holding the same collectively in a package, the object of the invention being to design a package tie of simple and inexpensive construction which can be readily applied to the package or removed therefrom.

A further object of the invention is the provision of a device of this character which can be employed with equal efficiency in connection with various sizes of packages.

For a full description 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 package tie applied. Fig. 2 is a detail perspective view of the tie. Fig. 3 is a longitudinal sectional view through the same. Fig. 4 is an end view 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.

Specifically describing the present embodiment of the invention the numeral 1 designates the shank of the tie, the said shank being formed from a single piece of wire or similar material and having one end thereof looped to provide an eye 2 for engagement with a flexible binding cord 3 while the opposite end is returned upon itself in a plane at right angles to the eye to form the hook 4. A transverse strip 5 is secured at an intermediate point to the shank 1 at the returned end thereof by any suitable means as the solder 9, and is preferably disposed at right angles to the shank. This strip 5 projects

laterally upon both sides of the shank and one extremity of the strip is returned to form the enlargement 6 while the opposite extremity is returned to form the hook 7 disposed at right angles to the before mentioned hook 4. The flexible cord 3 is knotted to form a plurality of enlargements 8, any selected one of which is designed to engage with the hook 7 as will be hereinafter more fully described.

In applying the package tie the shank 1 and transverse strip 5 are placed against one face of the package at approximately the central portion thereof and the flexible cord 3 wound about the package. After being thus drawn around the package in one direction the said flexible cord is passed through the hook 4 and drawn about the package a second time, the extremity of the cord being drawn into engagement with the hook 7, the enlargements 8 serving to prevent the cord from slipping through the said hook and thereby retaining the package tie securely in position. In a reverse manner it will be readily apparent that by disengaging the enlargement from the hook 7 the binding cord can be quickly unwound from the package and the package tie readily removed from position.

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

The herein-described package tie comprising a shank formed of a single strip of material and having one end thereof looped while the opposite end is returned to form a hook arranged in a plane at right angles to that of the loop, and a transverse strip secured to the hooked end of the shank and having one end thereof returned to form a second hook member arranged at right angles to the first mentioned hook member.

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

WILLIAM E. FRICKE. [L. s.]

Witnesses:

F. C. BRODIE,
W. J. MILLS.