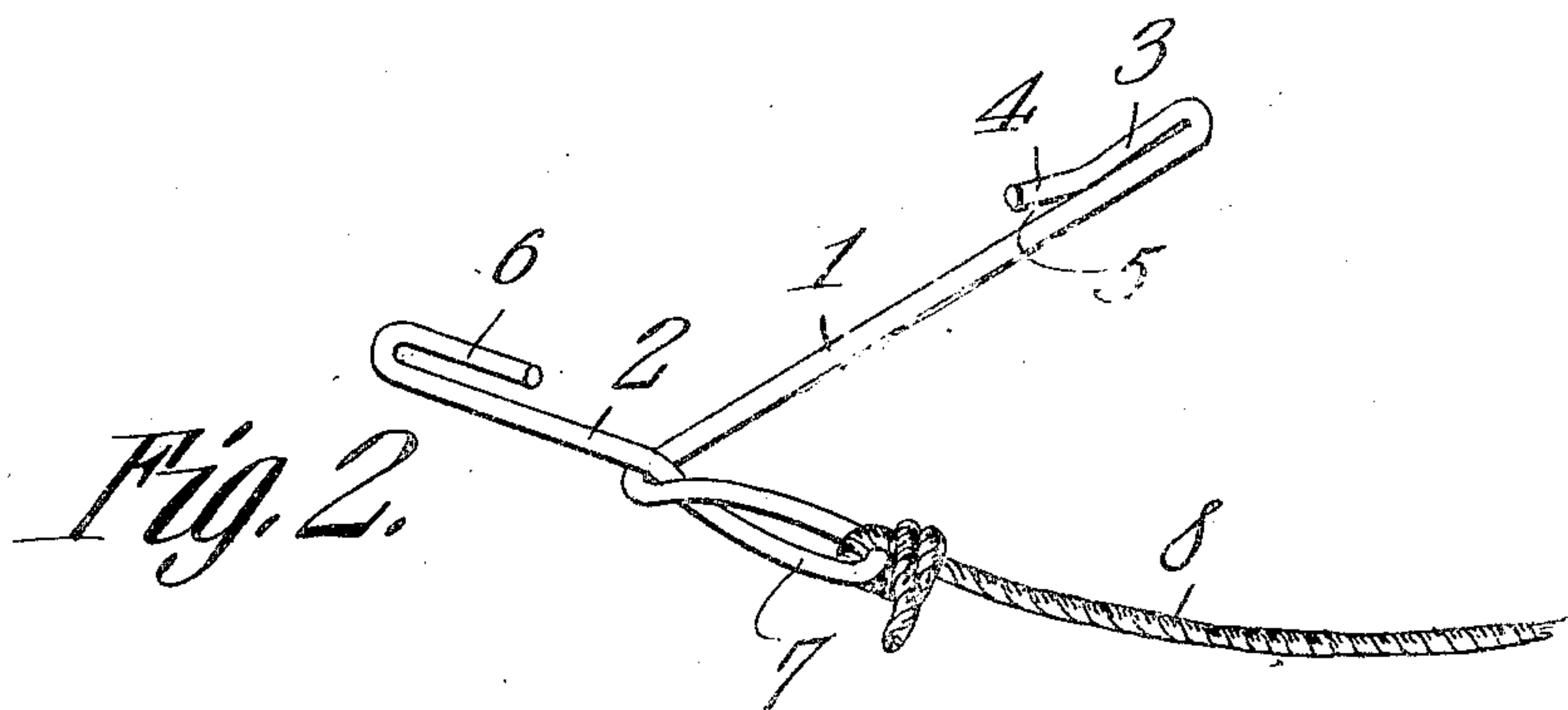
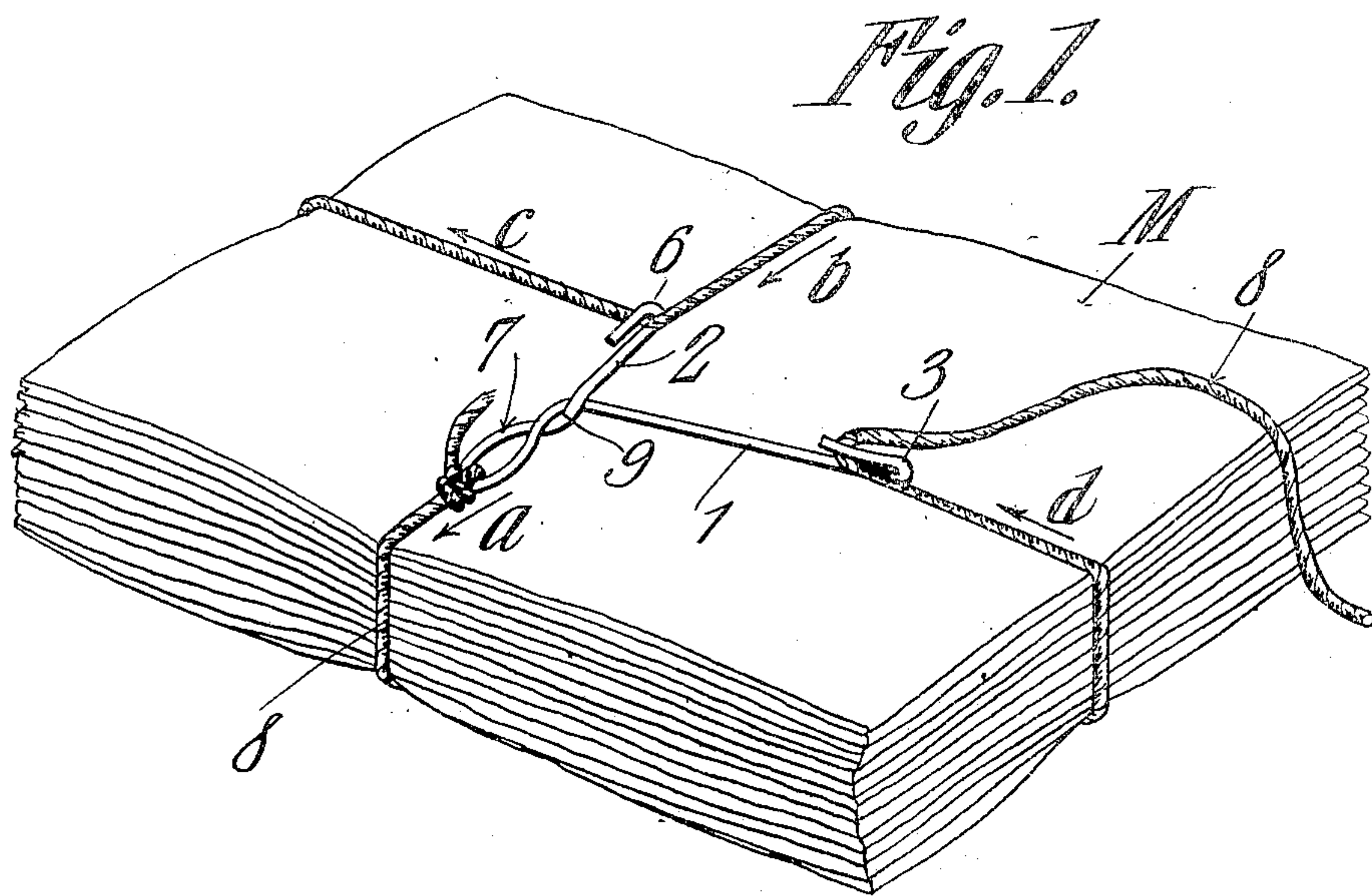


H. T. ANDREW.
PACKAGE FASTENER.
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919,674.

Patented Apr. 27, 1909.



Witnesses:

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UNITED STATES PATENT OFFICE

HARVE T. ANDREW, OF BARING, MISSOURI

PACKAGE-FASTENER.

No. 919,674.

Specification of Letters Patent.

Patented April 27, 1909.

Application filed August 21, 1908. Serial No. 449,722.

To all whom it may concern:

Be it known that I, HARVE T. ANDREW, a citizen of the United States, residing at Baring, in the county of Knox and State of Missouri, have invented a new and useful Package-Fastener, of which the following is a specification.

This invention relates to package fasteners, such as are commonly employed in securing bundles of mail matter for transmission through the mails.

The object of the invention is to provide an article of this character which shall be simple of construction, efficient and durable in use, which will be positive in retaining the binder around the mail matter, and which will not be liable to injure packages of mail matter contained in the bag or sack.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel construction and combination of parts of a package tie, as will be hereinafter fully described and claimed.

In the accompanying drawing forming a part of this specification, and in which like characters of reference indicate corresponding parts:—Figure 1 is a view in perspective of a bundle of mail matter secured together with the package tie of the present invention. Fig. 2 is a perspective detail view of the tie and a portion of the binder.

The fastener consists of a length of wire of any suitable gage, and comprising a shank 1 and a head 2. The shank is bent at one end upon itself to form a spring binder-locking clip 3, the free end of the wire 4 being deflected away from the shank to provide a binder entering throat 5. The head is provided at one end with a hook 6 to be engaged by the binder, and at its other end with a loop 7 in which the binder 8 is secured by being knotted therein. As will be observed by reference to Fig. 2, the fastener is T-shaped and this will cause the binder to assume the proper position relatively to the mail matter M.

In the use of the device, after the mail has been stacked as shown, the fastener is disposed upon the upper side thereof, the thumb of the operator being placed upon the shank adjacent to the head. The binder 8 is then turned in the direction of the arrow *a* and is

continued against the back of the bundle and thence carried in the direction of the arrow *d* through the hooks 6, thence in the direction of the arrow *c* and continued against the back of the bundle and brought over the other end in the direction of the arrow *d* where it is sprung between the clip 3 and thus locked firmly in position. To remove the fastener and binder from the bundle of mail matter it will not be necessary to detach the binder from the clip 3, as by catching hold of the fastener adjacent to the twist 9 with the thumb 9 and hooking the forefinger into the binder adjacent to the hook 6, the binder may readily be removed from the mail matter.

It will be seen from the foregoing description that while the improvements herein defined are simple in character, they will be found thoroughly efficient for the purposes designed and will result in a thoroughly practical, durable, and advantageous form of package fastener.

I claim:—

A T-shaped package fastener formed of a single piece of wire, bent to form a shank and a head, the head being looped at one end, and both sides of the loop being twisted upon each other to interlock adjacent the shank, the end of the head remote from the loop being bent to form an upstanding hook, and the terminal of the shank being bent into close parallel relation with itself to form a binder locking clip, the end of the clip being outbent to form a binder entering throat; and a binder having one of its ends secured to the loop, its free end being arranged to be passed beneath and around a package to engage the hook, and thence to be passed beneath and around the package substantially at right angles to the previous convolution to enter the throat and to engage the clip, the sides of the clip being arranged to engage the binder yieldingly throughout their length.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

HARVE T. ANDREW.

Witnesses:

C. S. HUSTON,
M. E. MCKENDRY.