

A. W. BAIRD.  
BUNDLE TIE.  
APPLICATION FILED OCT. 8, 1907.

900,645.

Patented Oct. 6, 1908.

FIG. 1

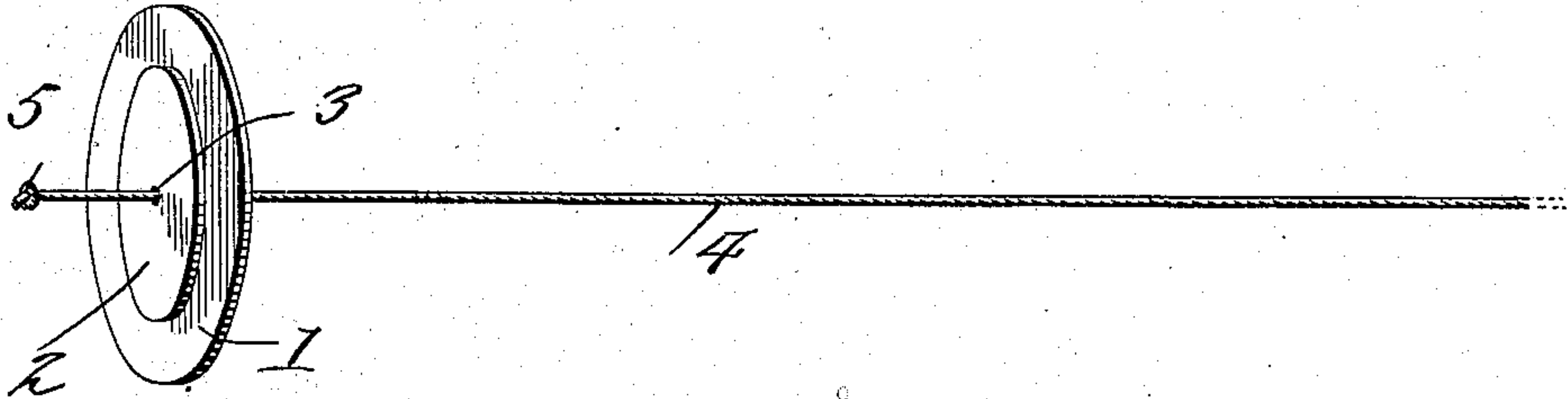


FIG. 2

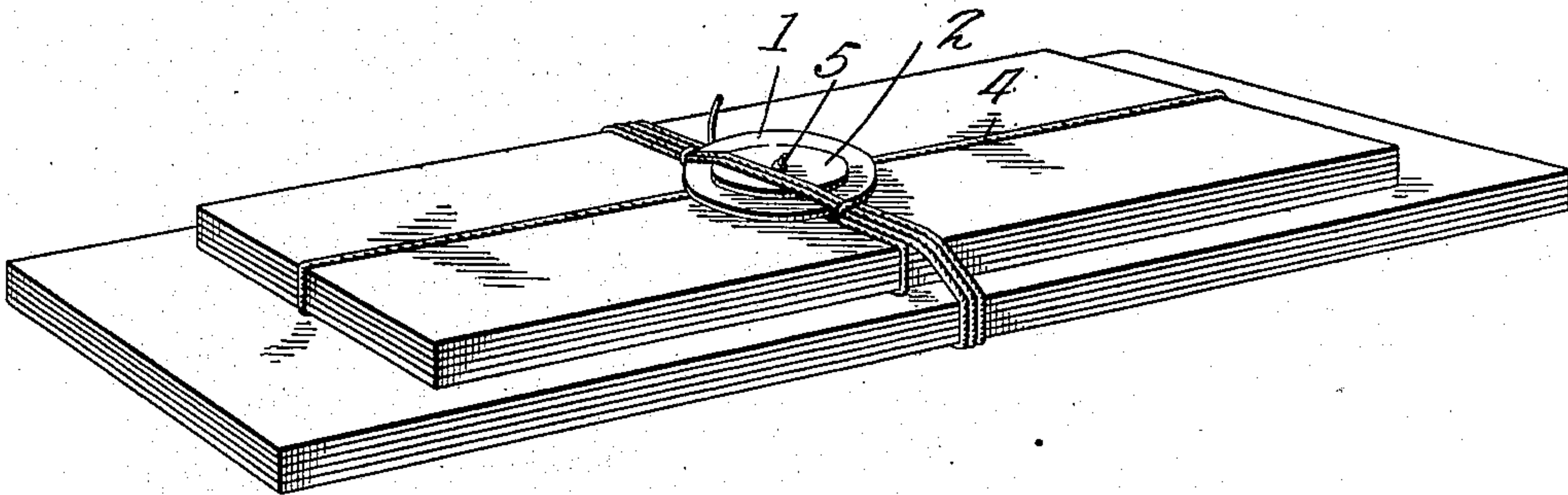
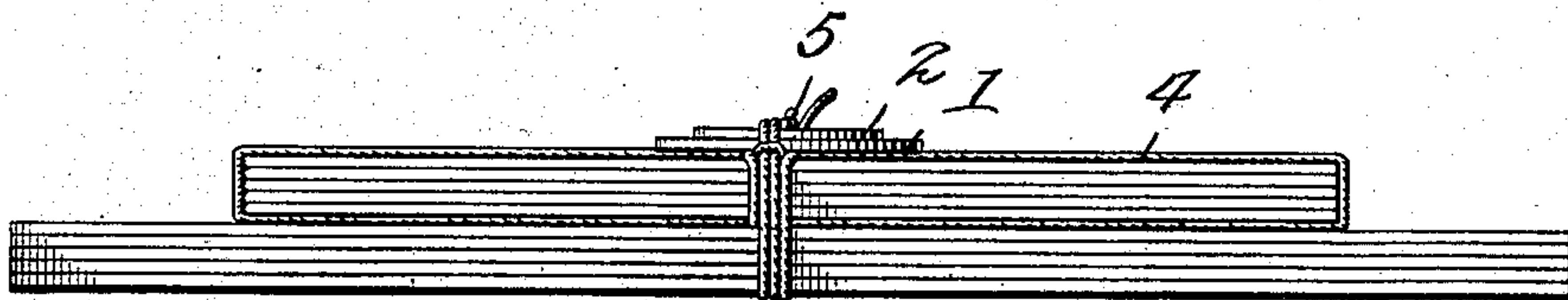


FIG. 3



Witnesses  
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# UNITED STATES PATENT OFFICE.

ANDREW W. BAIRD, OF MARNE, IOWA.

## BUNDLE-TIE.

No. 900,645.

Specification of Letters Patent.

Patented Oct. 6, 1908.

Application filed October 8, 1907. Serial No. 396,495.

*To all whom it may concern:*

Be it known that I, ANDREW W. BAIRD, a citizen of the United States, residing at Marne, in the county of Cass and State of Iowa, have invented new and useful Improvements in Bundle-Ties, of which the following is a specification.

This invention relates to bundle ties, the object of the invention being to provide a simple, cheap, compact and reliable tie for securing packages or bundles generally and particularly designed for tying up packages of mail matter in post-offices and the like, the device of this invention doing away entirely with such features as eyes, slots and bendable portions which require time to manipulate.

With the above and other objects in view, the invention consists in the novel construction, combination and arrangement hereinafter fully described, illustrated and claimed.

In the accompanying drawings, Figure 1 is a perspective view of the bundle tie, *per se*. Fig. 2 is a perspective view of a package to which one of the ties is shown applied. Fig. 3 is a sectional view of the same.

The bundle tie of this invention comprises essentially two elements, namely, a disk and a string. The disk may be of any desired size and composed of any suitable material such as cardboard and under the preferred construction of this invention, the disk is two ply, or in other words, is composed of a pair of disks 1 and 2, one of which is larger than the other; the smaller disk serving to reinforce the central portion of the larger disk to stiffen the same thereby making the central portion of the disk as a whole comparatively rigid and unyielding, while the marginal portion of the disk is flexible or yielding to the necessary extent. The two disks are arranged concentrically and the

disk as a whole is provided with a central perforation 3 through which the string 4 passes, said string being secured to the disk in any convenient manner but preferably by forming a knot 5 in one end thereof, which will prevent the string from slipping through the hole 3 when placed under tension.

In using the bundle tie, the disk is held against the package in the position illustrated in Figs. 2 and 3, the string is then carried around the package and brought under the disk and passed around itself close up to the disk and then drawn taut. If desired, the string may be wrapped several times around the package lengthwise and crosswise as illustrated in Figs. 2 and 3 and upon releasing the end of the string it will be found that the same is frictionally held in a reliable manner, but if desired, the end of the string may be wrapped around the several windings or wrappings as shown in Figs. 2 and 3.

The tie while especially designed for securing envelopes and mail matter together, may, of course, be used in a variety of ways and for a number of purposes which will readily suggest themselves.

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

A bundle tie comprising a flat-sided disk having a flexible circular marginal edge and provided with a central hole, a concentric reinforcement which stiffens the central portion of the disk, and a string passing through said hole and provided with a knot at one end.

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

ANDREW W. BAIRD.

Witnesses:

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