

P. K. BRINK.
BUNDLE TYING DEVICE.
APPLICATION FILED APR. 29, 1911.

1,022,462.

Patented Apr. 9, 1912.

Fig. 1.

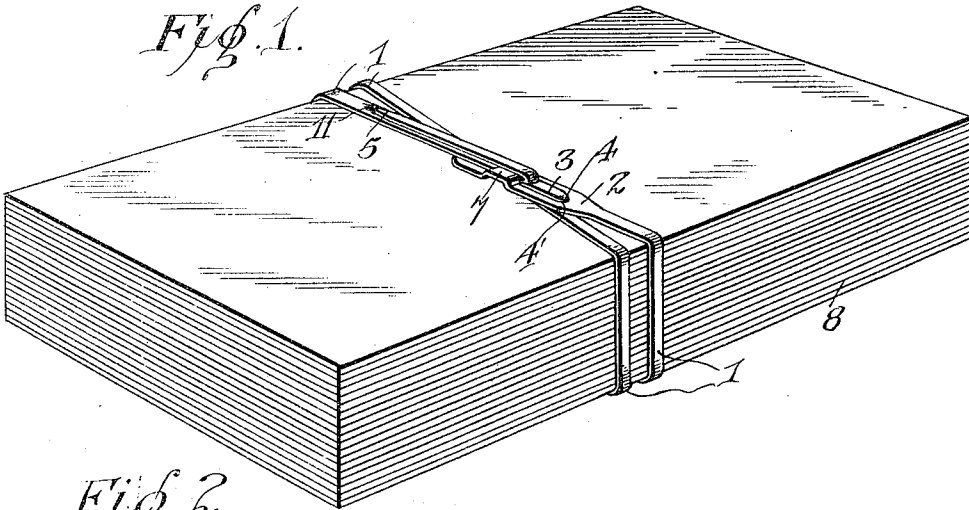


Fig. 2.

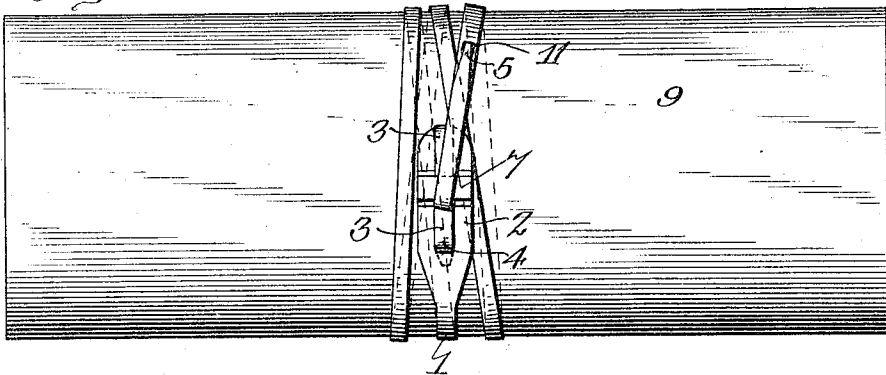


Fig. 3.

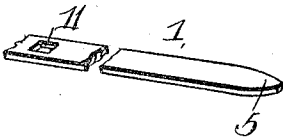
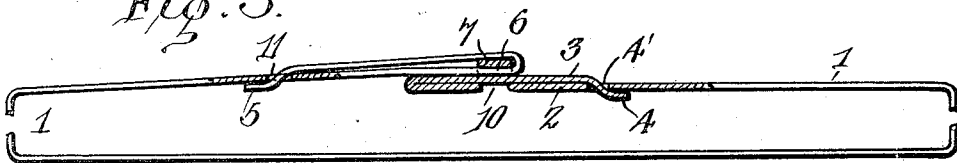
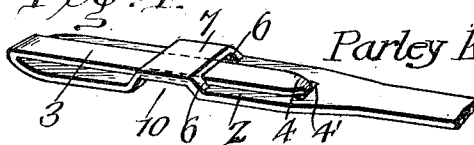


Fig. 4.



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Witnesses

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UNITED STATES PATENT OFFICE.

PARLEY K. BRINK, OF LIVERPOOL, PENNSYLVANIA.

BUNDLE-TYING DEVICE.

1,022,462.

Specification of Letters Patent.

Patented Apr. 9, 1912.

Application filed April 29, 1911. Serial No. 624,261.

To all whom it may concern:

Be it known that I, PARLEY K. BRINK, a citizen of the United States, residing at Liverpool, State of Pennsylvania, have invented certain new and useful Improvements in Bundle-Tying Devices, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to devices for tying and fastening bundles and has a special reference to devices of this kind used for tying and fastening small packages of papers such as envelopes, checks, etcetera.

The invention has for its object to provide an improved fastening device of this kind constructed and used as hereinafter set forth and claimed.

Referring to the accompanying drawings: Figure 1 is a view in perspective of a package of envelopes held together by a fastening device constructed in accordance with this invention. Fig. 2 is a plan view of a roll of papers held together by means of the fastening device constructed in accordance with this invention. Fig. 3 is a side view of the fastening device partly in longitudinal section and broken away, and shown with its ends secured together. Fig. 4 is a detail view in perspective of the two ends of a fastening device broken away.

The device constructed in accordance with this invention consists of a thin narrow strip of metal 1 of a suitable length to be wound about a package of papers and formed with an enlarged broadened end 2 from which projects a reduced end portion 3 terminating in a tapering point 4. The other end of the fastening strip 1 is formed with a tapering end 5. The enlarged end 2 of the strip 1 has a couple of transverse slits made therein which, when the end 2 is bent up to the shape shown in Fig. 4, form a couple of alined openings 6 on either side of the transverse bridging portion 7. When it is desired to use the fastening device it is wound about a package of papers such as the bundle of envelopes 8 in Fig. 1 or the roll of papers 9 in Fig. 2 and the reduced projecting portion 3 is bent over upon the en-

larged portion 2 with the projection 3 extending through the openings 6 leaving a space between the projection 3 and the bridging piece 7. The strip 1 having been wound about the package of papers its pointed end 5 is pushed through the openings 6, the projection 3 serving as a guide on which the pointed end 5 slides when the latter is pushed through the opening 6 and covering the opening 10 formed by the raised transverse portion 7. The pointed end 5 is then bent over the bridging portion 7 upon the strip 1, as shown in Figs. 1, 2, and 3, and is secured by pushing the end 5 through a hole 11 in the strip 1, the end 5 projecting beneath the strip 1. In order to hold the projection 3 in place its end 4 is pushed through a hole 4' in the strip 1 and beneath the latter, as shown in Fig. 3.

It will be seen that by means of this invention a simple and economical fastening device is provided which is readily and effectively secured at its ends so as to avoid becoming unfastened.

What I claim is:—

1. In a fastening device of the kind described, a thin narrow metallic strip formed with an enlarged broadened portion adjacent to one end and having a transverse raised bridging portion with alined slots, and a reduced portion projecting from the end of said broadened portion and bent over upon the latter and extending beneath and through said bridging portion, the other end of the strip being movable through said bridging portion and bent over the same and adapted to be detachably secured to the fastening strip.

2. In a fastening device of the kind described, a thin narrow metallic strip of a length to be wound about a package and formed at one end with a broadened portion and with a raised bridging portion having alined slots and with an opening adjacent to said bridging portion and a reduced narrow projection extending from the end of the broadened portion and bent over upon the same and extending through the bridging portion and secured at its end in the

opening in said broadened portion, the other
end of the strip having a hole adjacent to
its end, said end overlapping the reduced
portion at the other end of the strip and
5 extending from said bridging portion and
bent over the same and detachably engaging
a hole adjacent the end of the strip.

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

PARLEY K. BRINK.

Witnesses:

LEWIS WILLI,
MEADE SHULER.