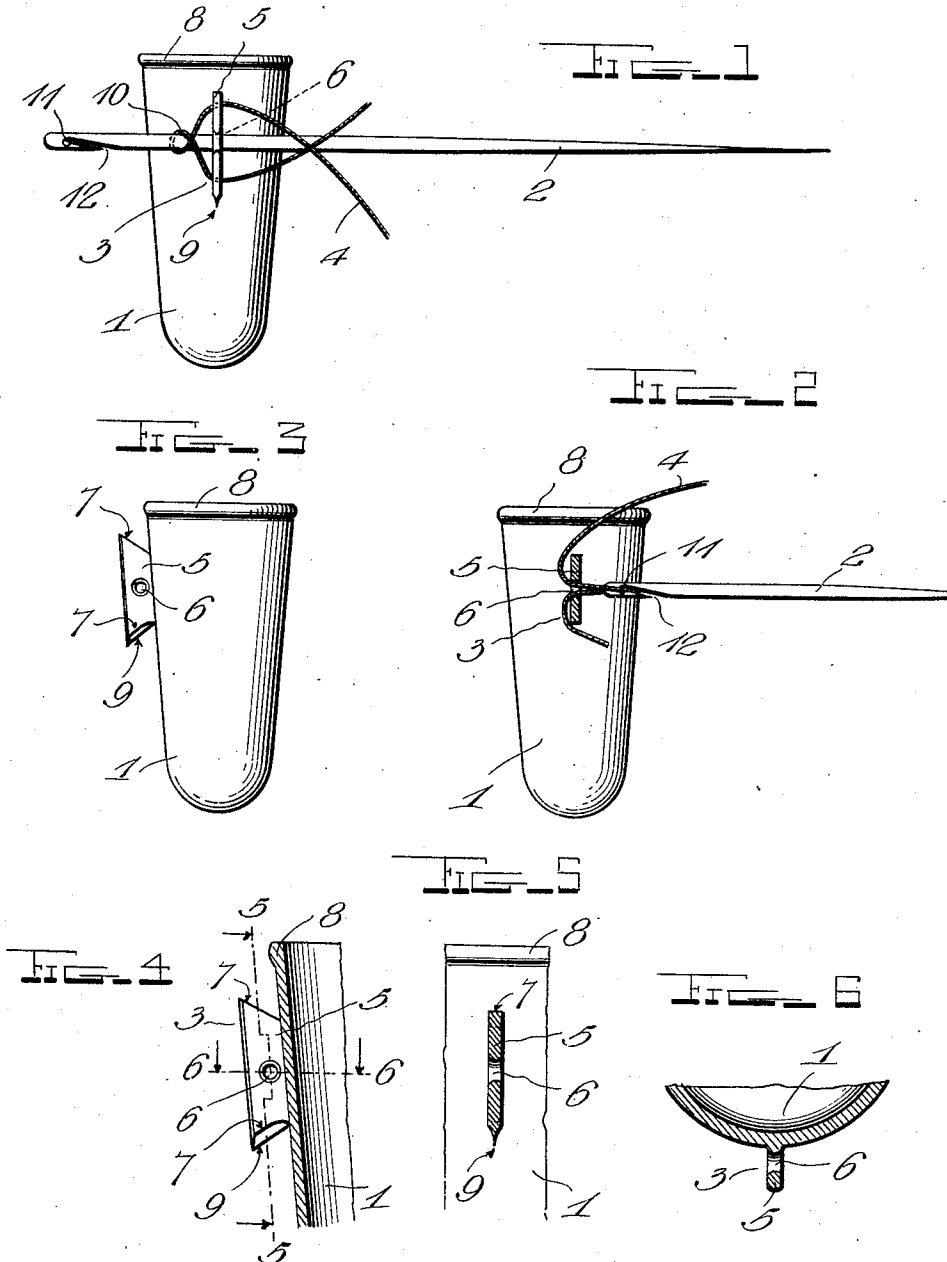


M. A. CHAPMAN.
NEEDLE THREADER.
APPLICATION FILED MAR. 29, 1912.

1,047,169.

Patented Dec. 17, 1912.



WITNESSES

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MINERVA A. CHAPMAN, OF FORT WAYNE, INDIANA.

NEEDLE-THREADER.

1,047,169.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MINERVA A. CHAPMAN, a citizen of the United States, residing at Fort Wayne, in the county of Allen and State of Indiana, have invented certain new and useful Improvements in Needle-Threaders, of which the following is a specification.

This invention relates to a needle threader, and has for its object to provide a device of this character by means of which the needle may be threaded more easily and quickly.

With the foregoing and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts illustrated in the drawings and more particularly pointed out in the appended claim.

In the accompanying drawings: Figure 1 is a side elevation illustrating the threader and cutter applied to a thimble, preparatory to threading. Fig. 2 is a similar view after threading with the threading device shown in section. Fig. 3 is a view looking at right angles to Fig. 1 with the needle not shown. Fig. 4 is a fragmentary sectional view of the threading device and a portion of the thimble, and Figs. 5 and 6 are longitudinal and transverse sections taken on lines 5-5 and 6-6, respectively of Fig. 4.

In the embodiment illustrated, 1 indicates a thimble of any ordinary or improved type, 2 the needle, 3 the threader and 4 the thread. The threader comprises a rectangular strip 5 of metal which is formed integral or otherwise attached to the outer surface of the thimble near the inner end thereof, being disposed longitudinally of the thimble. The metal strip is provided with a central eye or opening 6 of sufficient size to receive the head of a large size sewing needle and with the inwardly inclined end-walls 7. The end wall 7, opposite the inner end 8 of the thimble is beveled and sharpened, as at 9, to form a thread cutter.

In practice, the head of the needle is inserted through the opening 6 of the threader, as shown in Fig. 1, after which operation one end of the thread is passed forwardly over the inner end of the threader, is then looped around the head of the needle, as at 10, and is then extended in an opposite direction over the outer end of the threader. The needle is then threaded by drawing it through the eye of the threader, as shown in Fig. 2.

The eye 11 in the head of the needle is formed at the inner end of a slantingly disposed slot 12, the purpose of which will be evident. The purpose of making the ends of the threader inclined is to prevent the thread from slipping over the threader during the threading operation, or while the thread is looped around the head of the needle.

From the foregoing description taken in connection with the drawings, it is thought that the construction and advantages of this invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportions and minor details of construction may be resorted to without departing from the principles or sacrificing any of the advantages of this invention as defined in the appended claim.

Claim:

A needle threader for thimbles comprising a flat rectangular oblong metal strip situated on the outer surface of the thimble and disposed longitudinally thereof, said strip having a central transverse eye adapted to receive the head of a large size sewing needle and formed with inwardly inclined end walls.

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

MINERVA A. CHAPMAN.

Witnesses:

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