

No. 713,634.

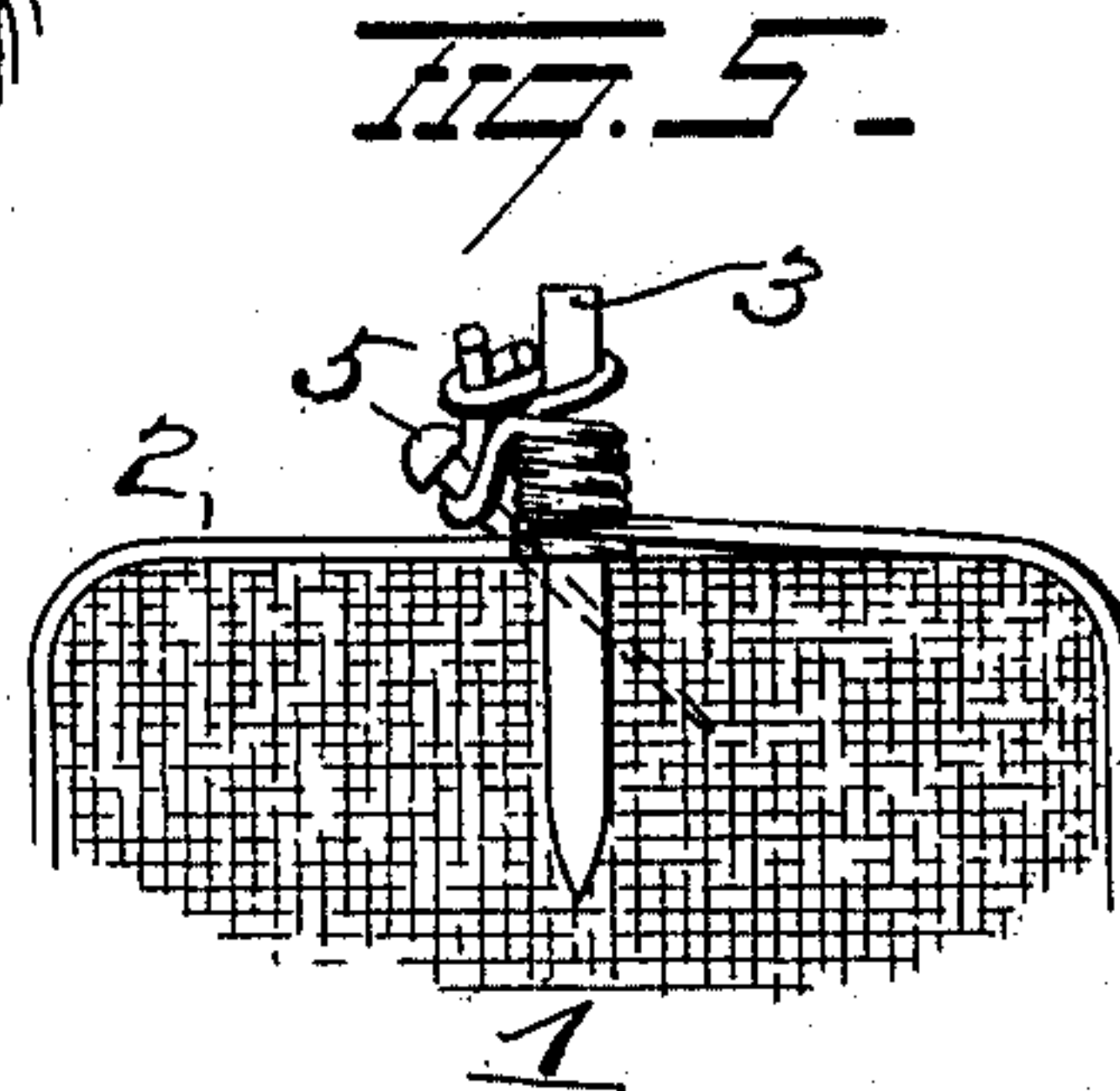
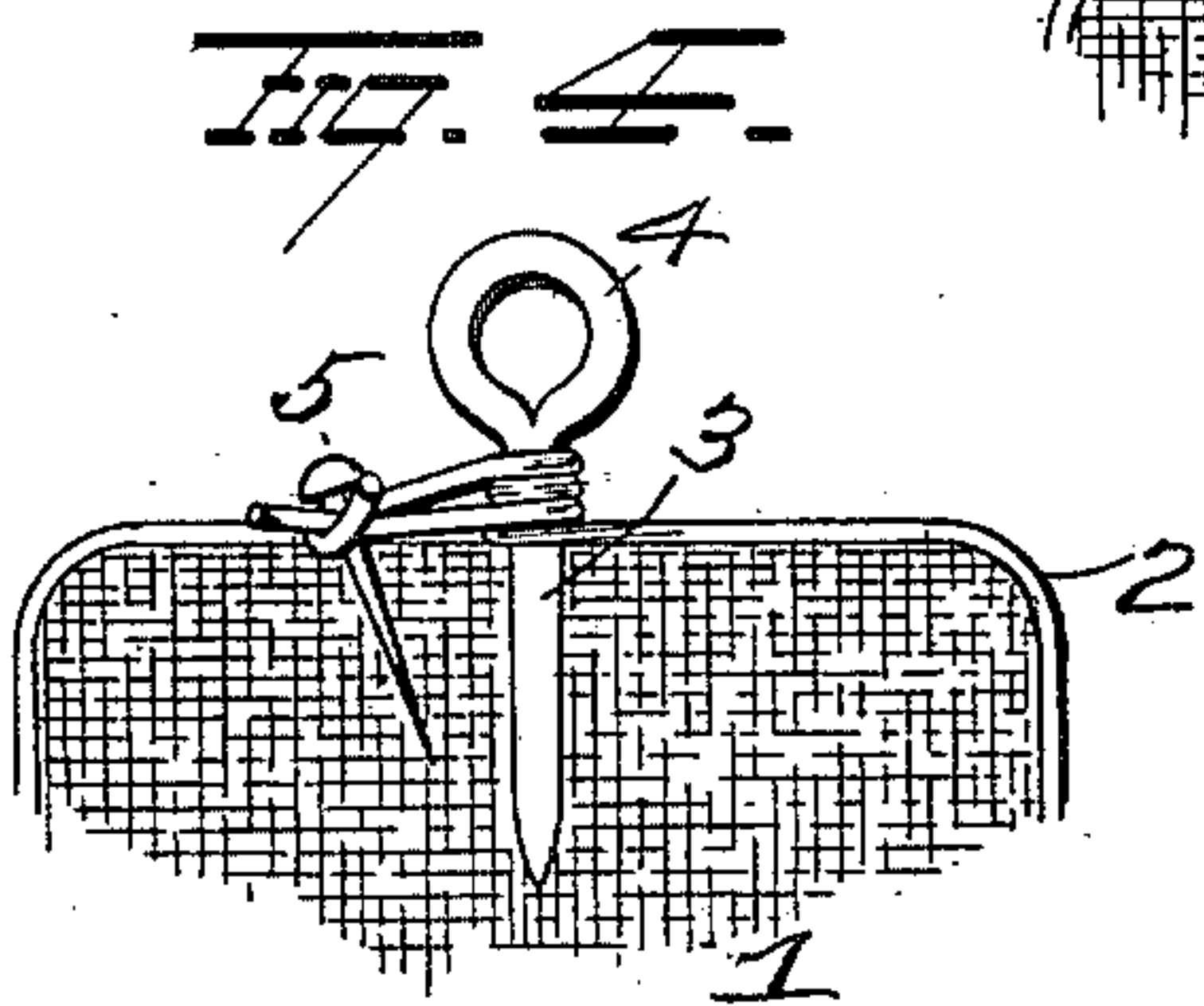
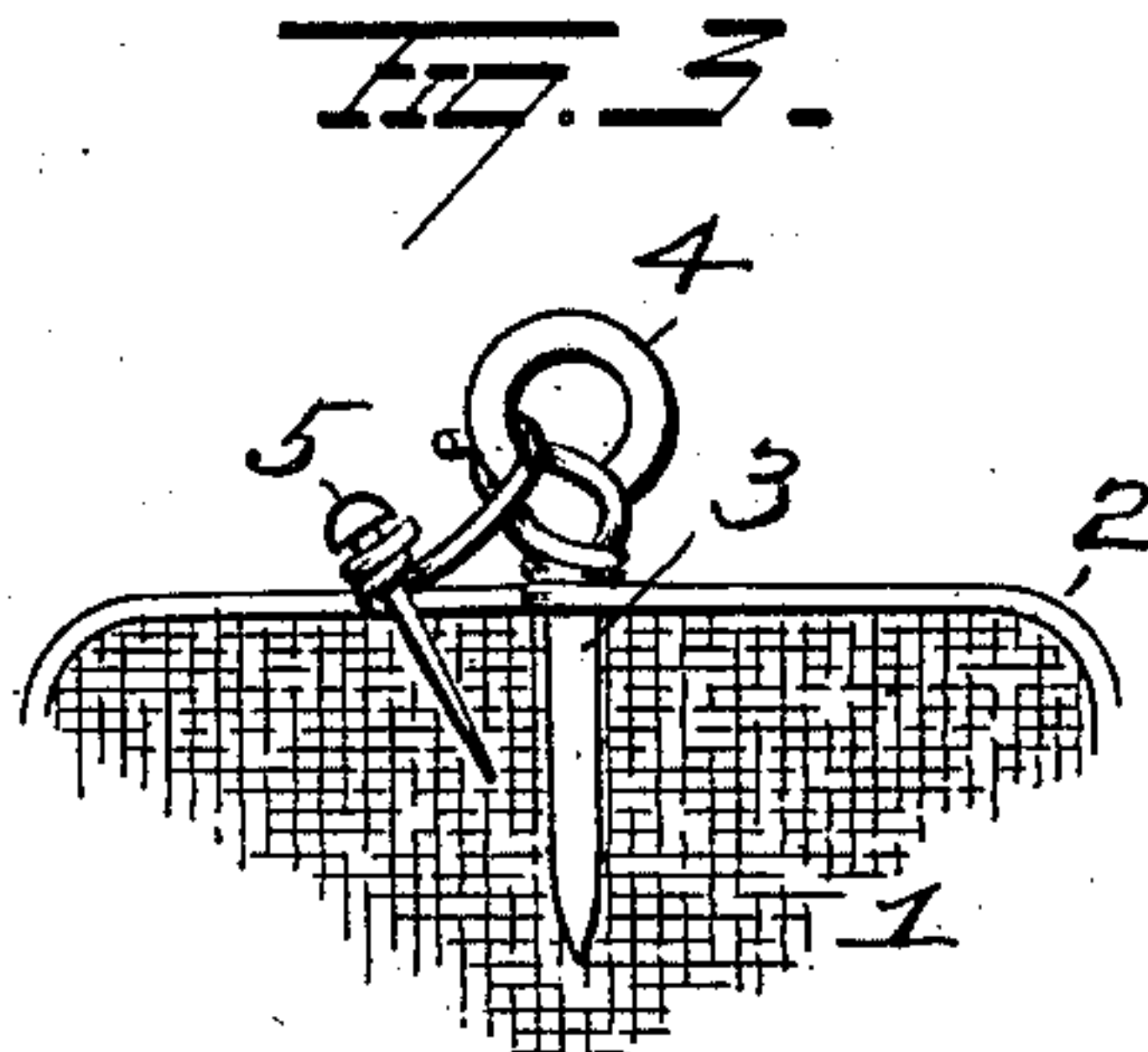
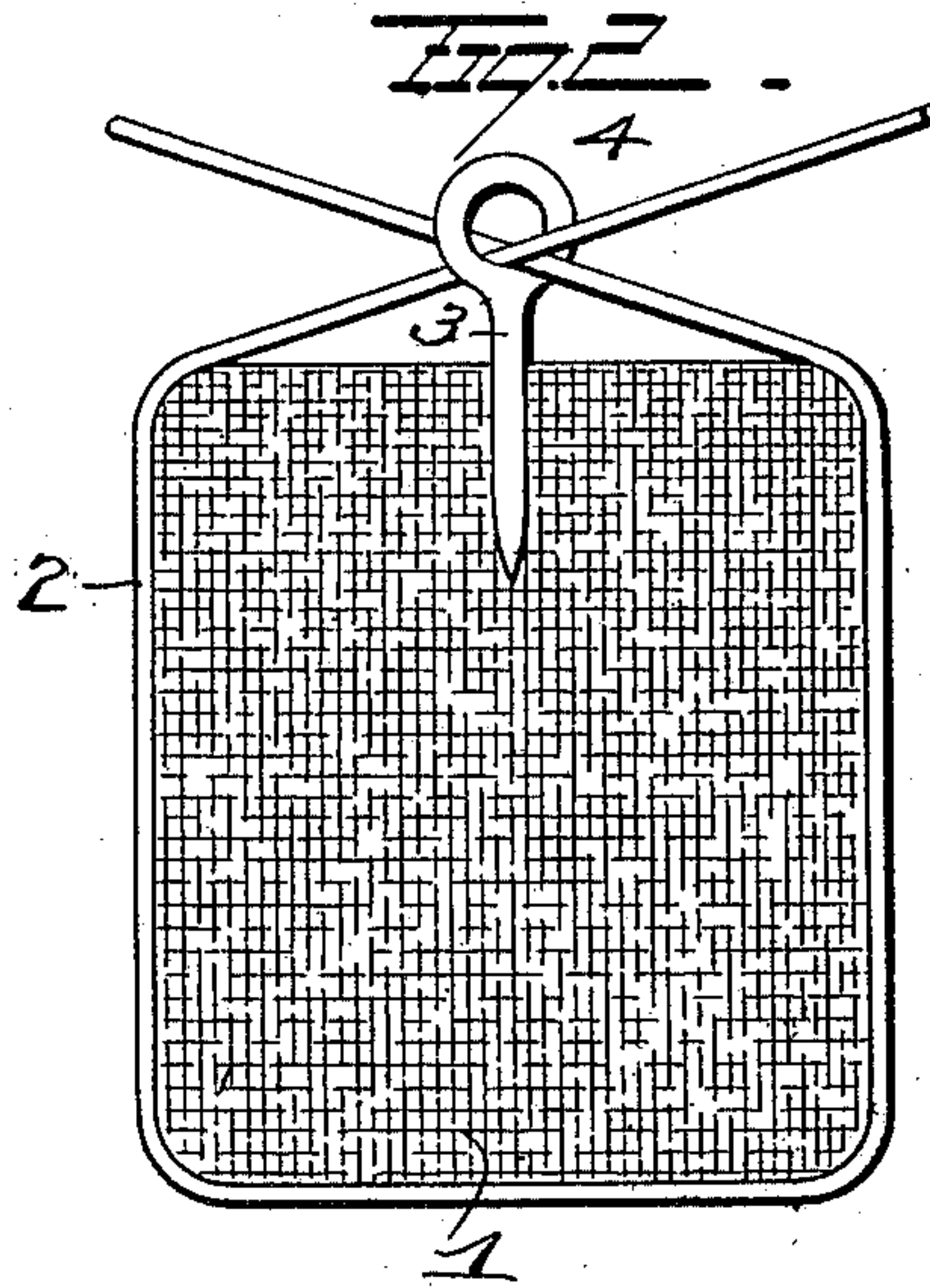
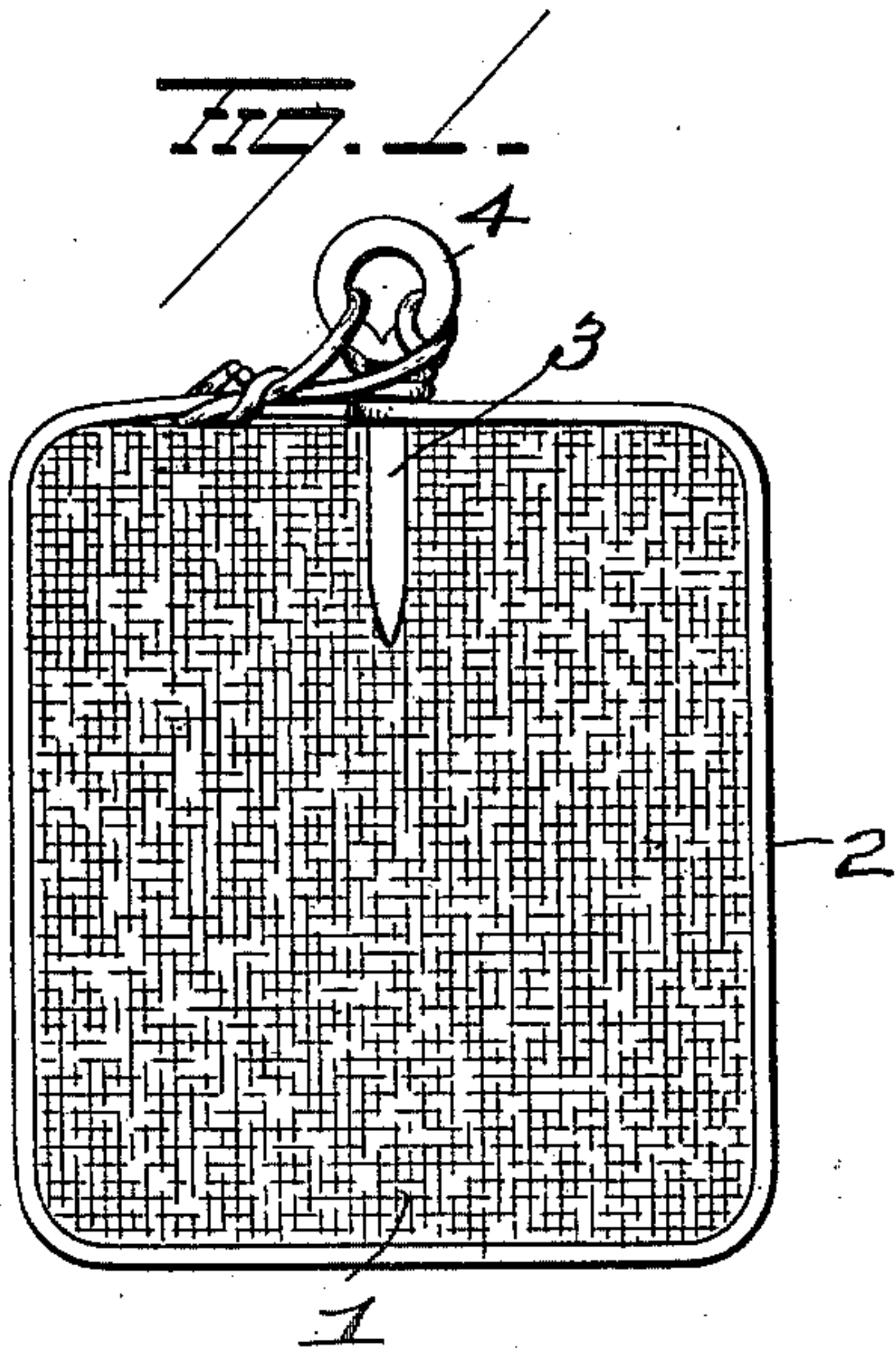
Patented Nov. 18, 1902.

J. W. HAMMETT.

FASTENER FOR BANDS, WIRES, OR THE LIKE.

(Application filed Jan. 24, 1902.)

(No Model.)



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JAMES W. HAMMETT, OF EUREKA, WEST VIRGINIA.

FASTENER FOR BANDS, WIRES, OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 713,634, dated November 18, 1902.

Application filed January 24, 1902. Serial No. 91,058. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. HAMMETT, a resident of Eureka, in the county of Pleasants and State of West Virginia, have invented certain new and useful Improvements in Fasteners for Bands, Wires, or the Like; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improved fastener for bands, wires, and the like, the object of the invention being to provide a cheap and efficient fastening which can be operated to tighten a band, wire, &c., around or through an article and secure the same against possibility of slipping or becoming unfastened.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view illustrating my improvements. Fig. 2 is a view illustrating the position of the wire before tightening, and Figs. 3, 4, and 5 are views illustrating modifications.

1 represents an article to be secured in wire or other bands. The wires are passed around or through the article, and the respective ends thereof are passed through the eye or loop in the exposed end of eyebolts 3, projected into the article and mounted to revolve. After projecting the ends of the wires through the eye or loop a lever or rod is inserted in the eye or loop and the bolt turned to twist the slack of the wire about the bolt and tighten the wire about the article. The ends of the wire are then twisted together and inserted beneath the intermediate portion of the wire to prevent unwinding. An ordinary wrench might be employed for turning the bolts and other forms of bolt might be employed without departing from my invention.

Various methods might be employed for securing the ends of the wire against unwinding besides inserting the twisted ends beneath the intermediate portion of the wire. For instance, as shown in Fig. 3, the wires are

twisted about the eye of the bolt and one wire or, rather, one end of the wire is secured to the article by a nail or pin 5, driven into the article and having the wire twisted about the same.

In Fig. 4 the wires are shown removed from the eye and twisted together and secured against movement by a nail or pin 5, driven into the article.

In Fig. 5 I have shown a bolt around which the wires are passed and twisted together and a suitable instrument inserted between the wires to wind the same about the bolt, the ends of the wire being secured against movement by a nail or pin 5, as shown.

Various other slight changes and alterations might be resorted to in the general form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I would have it understood that I do not wish to limit myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A fastener comprising a band or wire, a bolt on which the free ends of the band or wire are wound and means for securing the free extremities of said band or wire which project beyond said bolt to prevent the unwinding of the band or wire.

2. A fastener comprising a band or wire, a rotatable device on which the free ends of the band or wire are wound and means for securing the free extremities of said wire which project beyond said rotatable device to prevent the unwinding of the band or wire.

3. A fastener comprising a band or wire, a rotatable device on which the ends of said wire are wound, and a fixed pin to which the extremities of the band or wire projecting beyond the rotatable device, are secured.

4. A fastener comprising a band or wire, a rotatable bolt having an eye at one end through which the free ends of the band or wire are passed for causing the wire to wind on said bolt when the latter is turned and

means independent of said bolt for securing the free extremities of said band or wire to prevent the unwinding of the wire.

5 5. A fastener consisting of a wire or band to be placed around or through an article to be secured, a bolt adapted to be projected into the article and mounted to revolve, an eye or loop on the outer end of the bolt to receive the ends of the wires and when turned
10 twist the wire about the bolt and a nail or

pin to be driven into the article and through the twisted ends of the wire to secure the same against unwinding.

In testimony whereof I have signed this specification in the presence of two subscrib- 15
ing witnesses.

JAMES W. HAMMETT.

Witnesses:

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