

No. 843,819.

PATENTED FEB. 12, 1907.

H. F. HUNTLEY.  
FINGER SHIELD.  
APPLICATION FILED DEC. 5, 1905.

Fig. 1.

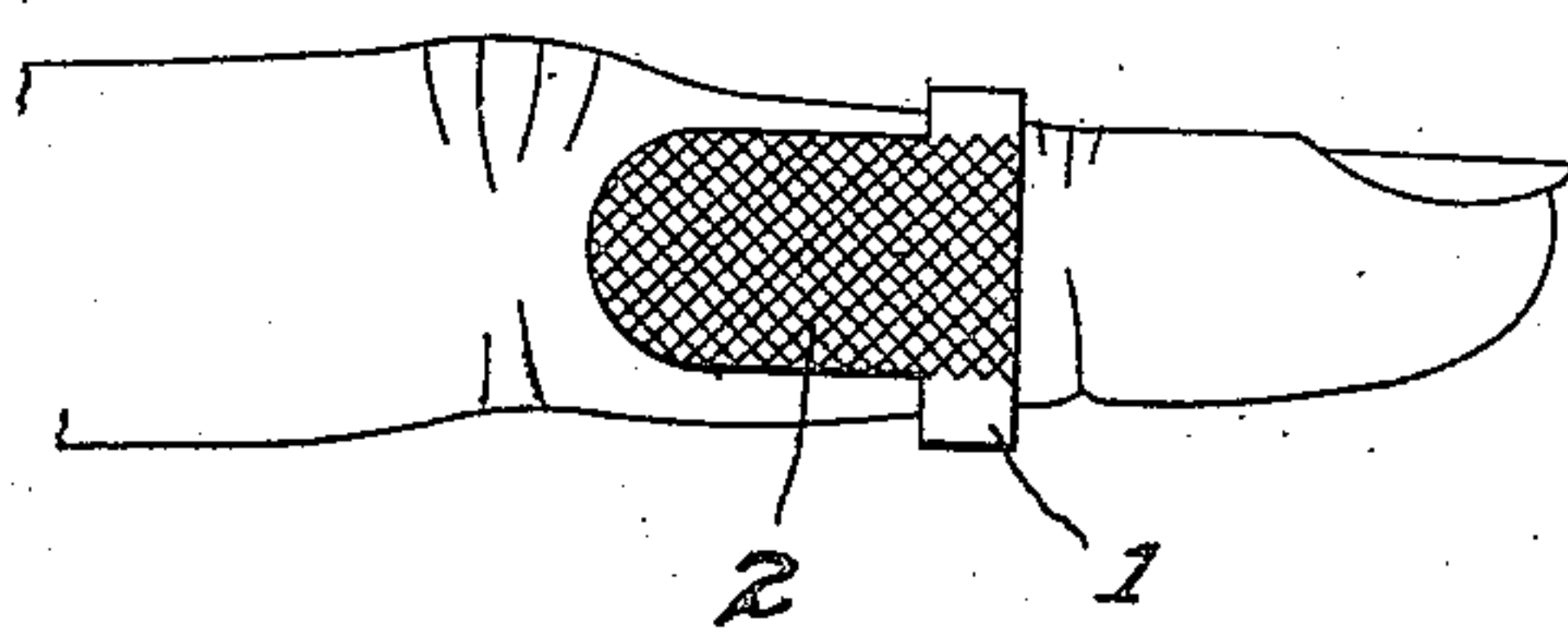


Fig. 2.

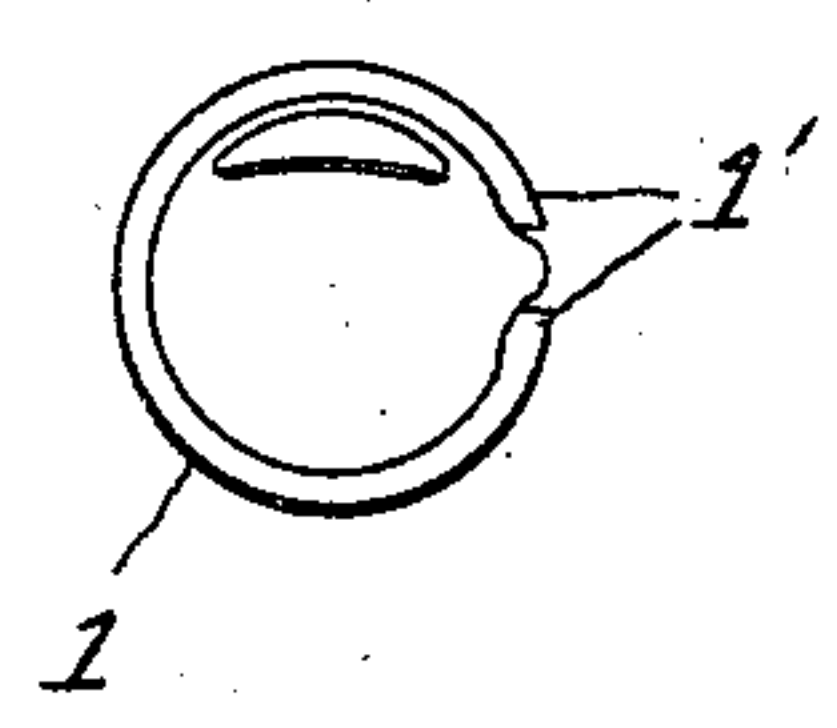


Fig. 3.

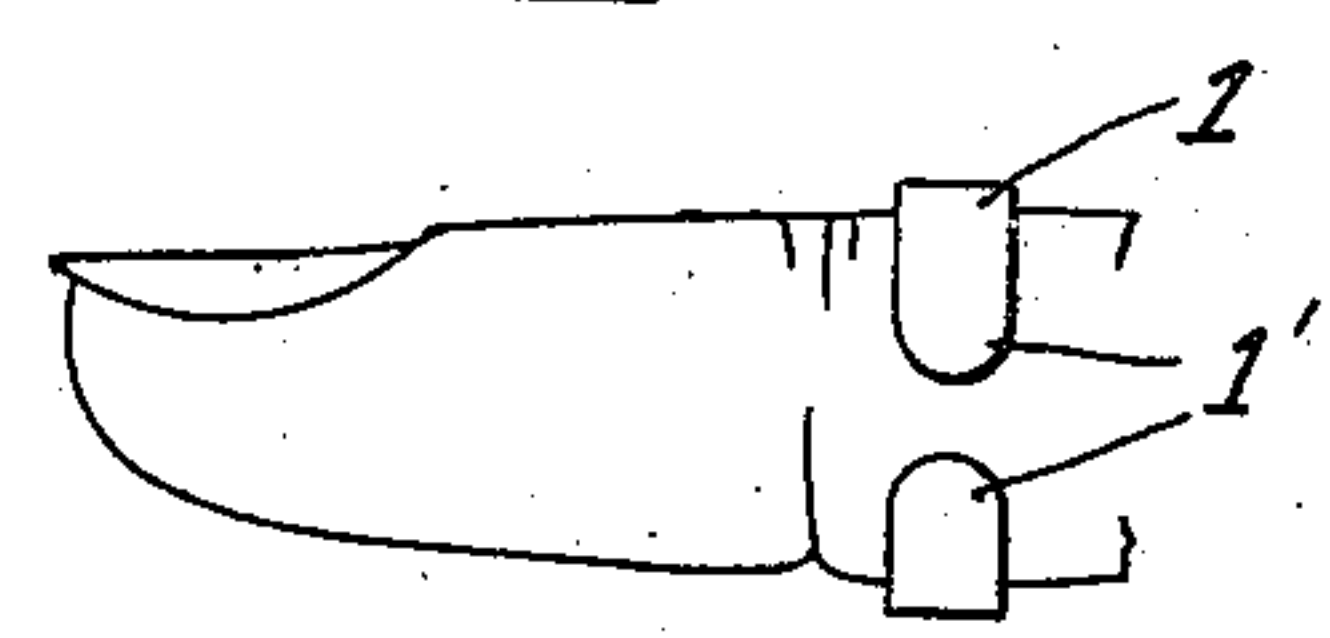
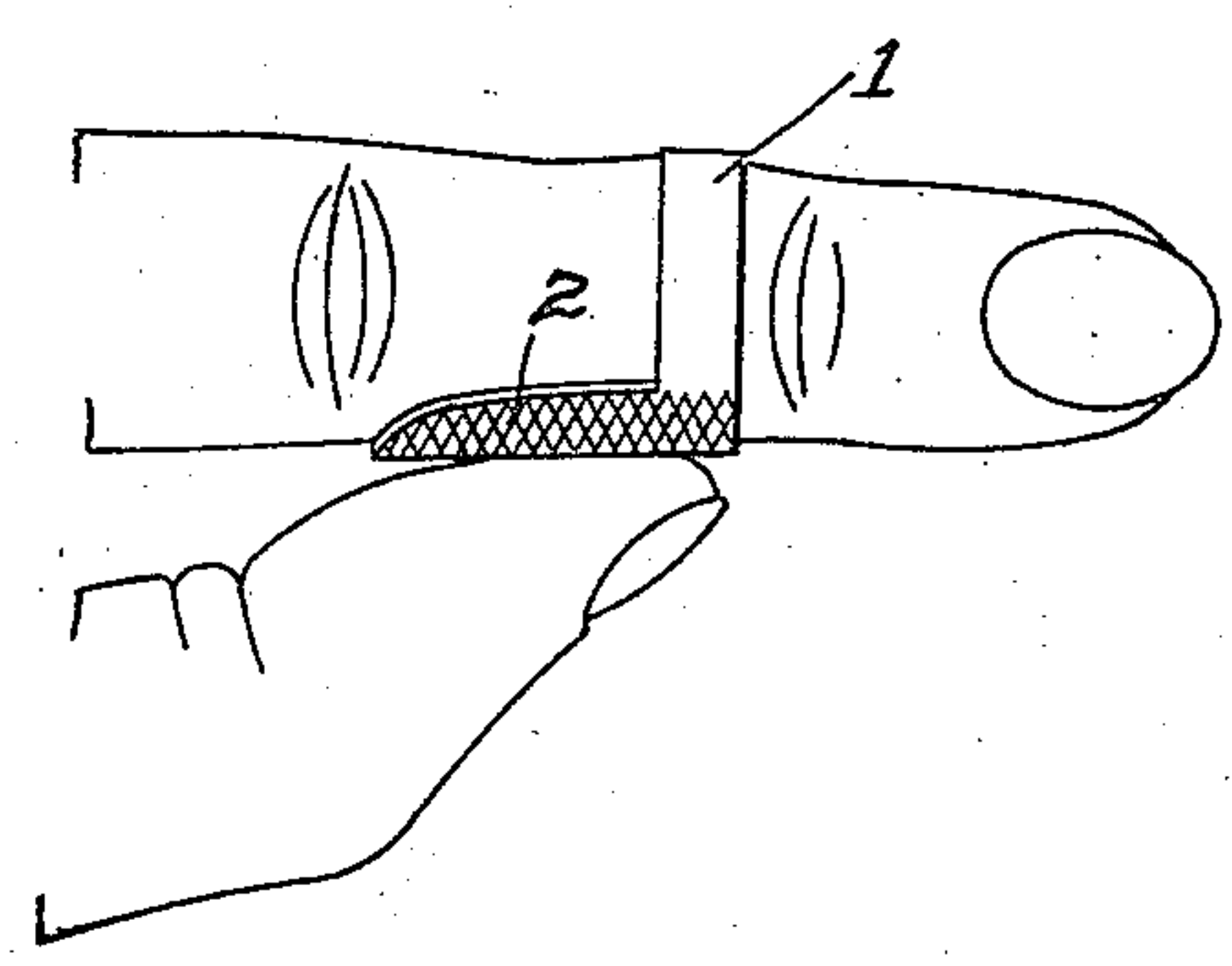


Fig. 4.



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# UNITED STATES PATENT OFFICE.

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## FINGER-SHIELD.

No. 843,819.

Specification of Letters Patent.

Patented Feb. 12, 1907.

Application filed December 5, 1905. Serial No. 290,460.

*To all whom it may concern:*

Be it known that I, HENRY F. HUNTLEY, a citizen of the United States of America, and a resident of the city of Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Finger-Shields, of which the following is a specification.

My invention relates to improvements in devices more particularly adapted for use by surgeons, and has for its primary object the provision of a novel construction which will facilitate such work as the tying of knots and sewing.

A further object of my invention is to provide a device of this type which be extremely simple in construction, inexpensive to manufacture, and very efficient in operation.

With the above and other objects in view, to be referred to in the following description, the invention consists of the construction and parts hereinafter described, and succinctly defined in the appended claims.

In the accompanying drawings, in which like numerals of reference indicate like parts throughout the several views, Figure 1 is a side view of my invention, which is shown in position for operation. Fig. 2 is a front view thereof. Fig. 3 is a view taken from the other side of my invention, and Fig. 4 is a top view illustrating more clearly the manner in which the improvement is used.

As is well known, in a great many cases a surgeon in carrying on an operation which requires the tying of knots employs certain instruments for gripping the end portions of the thread and does not allow the thread, which often makes cuts in which germs from the diseased parts of the patient might lodge, to come in direct contact with his hands. The tying of knots in this manner is obviously a slow operation, and my invention therefore aims to provide a device which will facilitate this operation without endangering the hands of the operator.

In carrying out my invention I provide a ring, as 1, which is split so that opposite free portions 1' are provided, and the plate 2, which is preferably formed integral with said

ring, projects rearwardly from the inner edge thereof. This plate is curved in cross-section to conform to the curvature of the finger of the wearer and has its outer face roughened, so as to provide an effective gripping-surface.

My improvement in being positioned on the finger should be slipped over the first joint thereof and the plate 2 disposed at one side of the finger, as shown in the drawing, whereby the thread can be firmly gripped on its roughened surface by the thumb. (See Fig. 4.) If the ring is of the proper size, a portion of the skin of the finger on which it is arranged will be gripped between its free portion 1' (see Fig. 2) and twisting or turning of the device on the finger will be prevented.

The invention has no projecting parts and can therefore be worn at all times during operation, if desired, and being arranged past the first joint of the finger will not interfere with the use of shears or the like, as is obvious.

One of these attachments is worn on each hand and aside from facilitating the tying of knots can be readily employed as a thimble when desired.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States of America, is—

1. A device of the type set forth comprising a ring, and a rearwardly-extending plate formed integral with the inner side edge thereof, said plate having its outer surface roughened, for the purpose specified.

2. A device of the character described comprising a split resilient ring, a rearwardly-extending plate formed integral with the inner side edge thereof and opposite the split portion, said plate being of a curvature corresponding to that of the ring, and having its outer surface roughened.

Signed at Seattle, Washington, this 16th day of November, 1905.

HENRY F. HUNTLEY.

Witnesses:

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