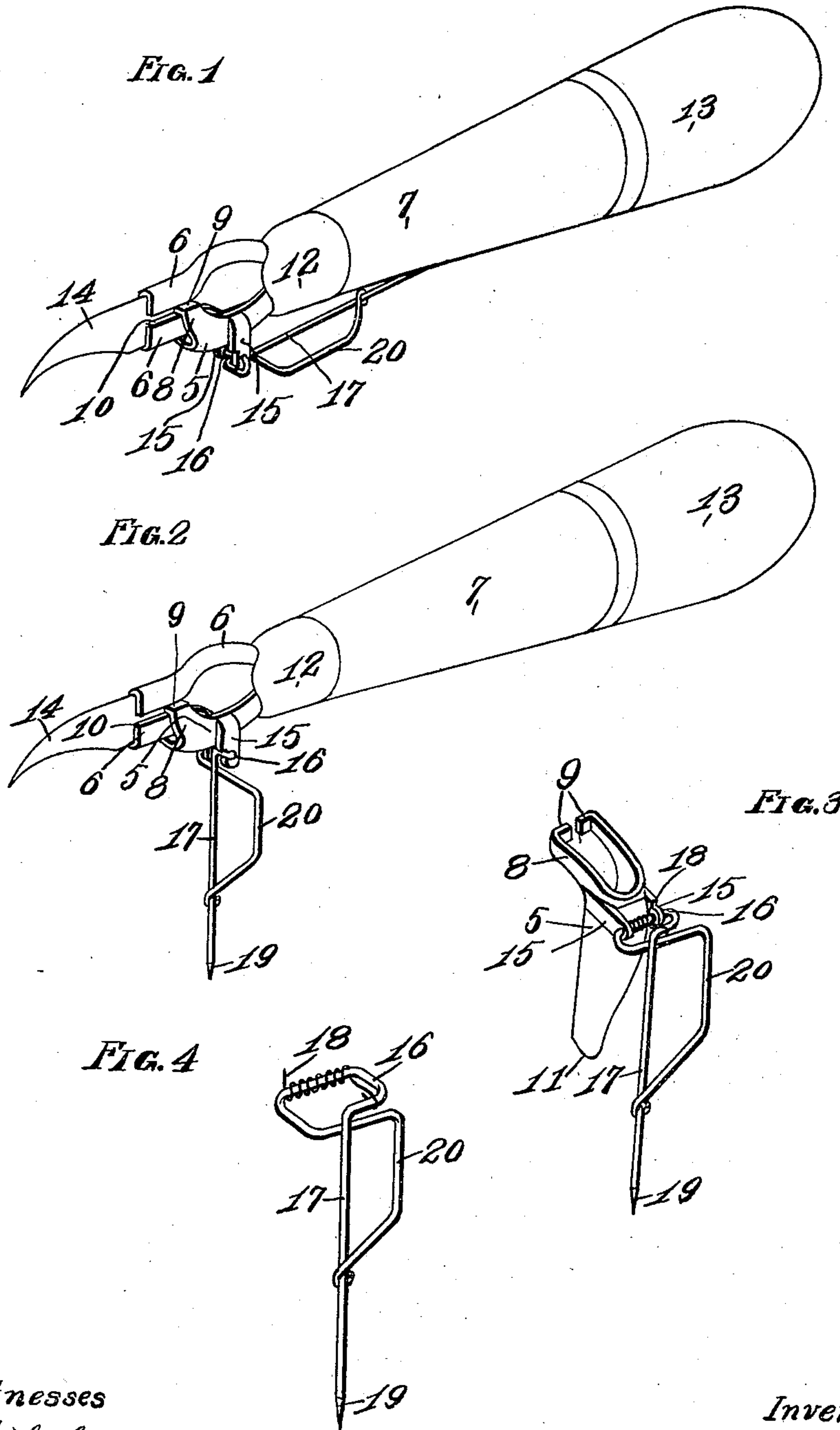


F. G. PAVELEC.
 AWL ATTACHMENT FOR SHOE CUTTING TOOLS.
 APPLICATION FILED OCT. 28, 1910.

991,638.

Patented May 9, 1911.



Witnesses

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UNITED STATES PATENT OFFICE.

FRANK G. PAVELEC, OF ST. LOUIS, MISSOURI.

AWL ATTACHMENT FOR SHOE-CUTTING TOOLS.

991,638.

Specification of Letters Patent.

Patented May 9, 1911.

Application filed October 28, 1910. Serial No. 589,596.

To all whom it may concern:

Be it known that I, FRANK G. PAVELEC, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Awl Attachments for Shoe-Cutting Tools, of which the following is a specification.

This invention relates to improvements in an awl attachment for shoe cutting tools, and has for its object a yoke which is arranged to be detachably connected to the tool and an awl spring controlled and hingedly mounted to the yoke, the point of said awl being normally held against the tool handle.

A further object of my invention is to provide an awl which can be detachably mounted to the cutting tool, the same being normally out of use, but can be readily and easily manipulated by the thumb or finger so as to provide an indentation where and when desired.

Figure 1 is a perspective view of a shoe cutter's knife and handle showing my device in position on the same. Fig. 2 is a similar view to Fig. 1 showing the needle of the awl attachment in extended position ready for operation. Fig. 3 is a detail perspective view of my improved awl attachment. Fig. 4 is a detail perspective view of the needle made use of.

In the construction of my invention I provide a yoke or casing 5 so shaped and bent as to straddle any one of the knife bars 6, which are supported in the handle 7. The yoke 5 has its prongs 8 bent inwardly forming the ends 9, these ends passing over the edge 10 of the knife bars retaining the yoke in position as well as the end 11 of the yoke entering into the ferrule 12 of the handle, and by tightening down upon the lower end 13 of the handle which is provided with internal screw threads to correspond with like screw threads formed on the end of the knife bars, this feature not having been shown for the reason of the same being old in shoe cutter's knife construction, the knife bars are clamped firmly against the blade 14, which has a tendency then to firmly clamp the yoke 5 in position as designated in Figs. 1 and 2. The yoke is also provided with a pair of projecting perforated ears 15 through which is passed

the supporting end 16 of the needle 17, both forming a part of the awl attachment. On the supporting end and between the ears 15 is attached a spring 18, its tendency being to normally hold the needle 17 in contact with the handle 7 as shown in Fig. 1, so as to prevent the fingers of the operator from contacting with the point 19 while in this position, and in order to permit the operator to place the needle in an extended position as shown in Fig. 2, I provide a projecting strand 20 which may be of a desirable shape, this strand 20 being in such position that the operator can whenever he desires to use the awl, by the mere placing of his thumb on the strand 20, extend the needle and make the required indentation, and immediately upon releasing the same the spring 18 has a tendency to swing the needle back against the handle as shown in Fig. 1.

In the shoe trade, after cutting a vamp, it is necessary to indicate at what point and location the next portion of the upper is to be sewed. This mark of indication is made by pricking the leather, making small indentations with an awl. Heretofore it has been found very inconvenient, as separate instruments were used, whereas by my device the awl is in readiness and can be manipulated instantly.

Having thus fully described my invention, what I claim as new and desire to have secured to me by the grant of Letters Patent, is:

1. An awl attachment for shoe cutting tools, comprising a yoke, a needle hingedly mounted on said yoke in combination with a support against which the yoke is attached, substantially as specified.

2. A device of the class described comprising a yoke, a needle carried by the yoke, in combination with a tool handle to which the yoke is detachably mounted, and means whereby the needle is normally held against the handle, substantially as specified.

3. A device of the class described comprising a yoke, a needle forming the awl proper movably mounted on said yoke, in combination with a tool handle to which the yoke is detachably mounted, a spring for normally retaining the needle parallel with the handle, and its point against the handle, substantially as specified.

4. A device of the class described comprising a yoke, a needle forming the awl proper movably mounted on said yoke, in combination with a cutting tool handle to which the
5 yoke is detachably mounted, a spring carried by the yoke and needle for normally retaining the needle parallel with the handle and its point against the handle, a strand or projection formed on the needle
10 whereby the same can be manipulated by

the thumb of the operator, substantially as specified.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

FRANK G. PAVELEC.

Witnesses:

ALFRED A. EICKS,
WALTER C. STEIN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
