

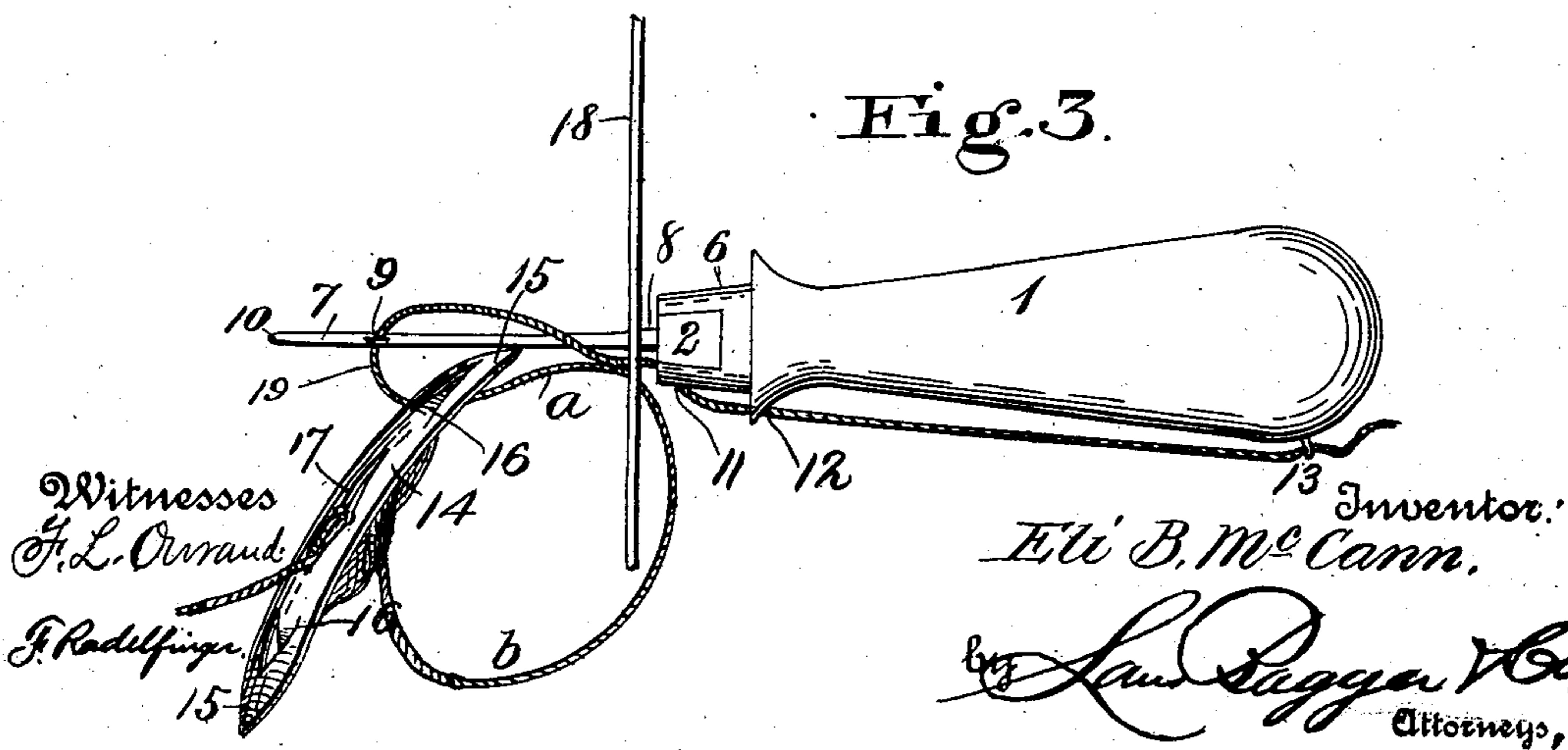
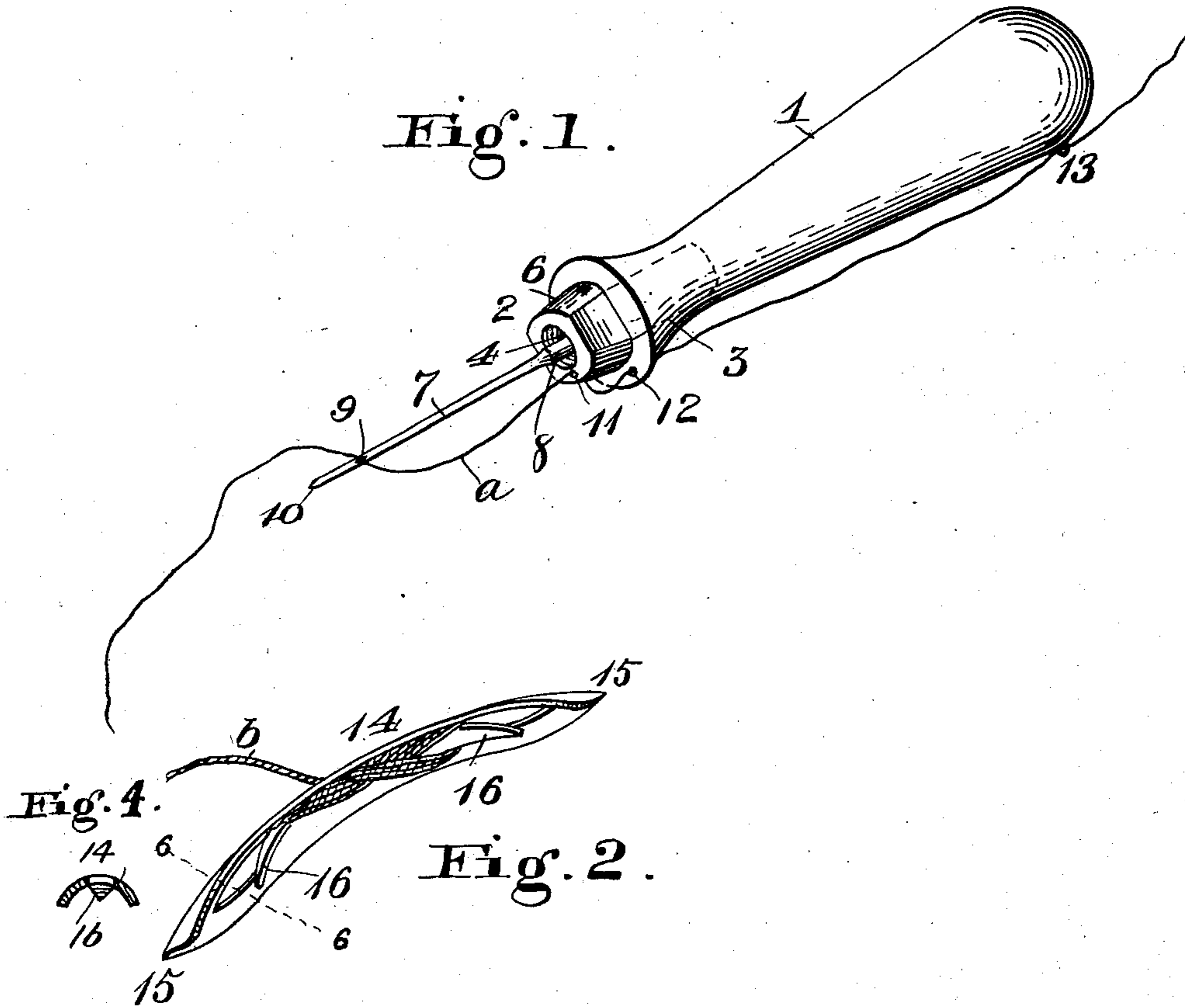
No. 744,595.

PATENTED NOV. 17, 1903.

E. B. McCANN.  
SHUTTLE FOR USE WITH SEWING AWLS.

APPLICATION FILED NOV. 20, 1902.

NO MODEL.



# UNITED STATES PATENT OFFICE.

ELI B. McCANN, OF WESTPLAINS, MISSOURI.

## SHUTTLE FOR USE WITH SEWING-AWLS.

SPECIFICATION forming part of Letters Patent No. 744,595, dated November 17, 1903.

Application filed November 20, 1902. Serial No. 132,152. (No model.)

### *To all whom it may concern:*

Be it known that I, ELI B. McCANN, a citizen of the United States, residing at Westplains, in the county of Howell and State of Missouri, have invented new and useful Improvements in Sewing and Pegging Awls, of which the following is a specification.

My invention relates to shuttles, and has for its object to construct a shuttle for use in combination with a combined sewing and pegging awl to sew leather or any other heavy material.

The simple and novel construction employed by me in carrying out my invention is fully described and claimed in this specification, and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is a perspective of a sewing-awl for use with my shuttle. Fig. 2 is a perspective view of the shuttle. Fig. 3 is a view showing the manner in which the stitch is formed. Fig. 4 is a section on the line 6 6, Fig. 2.

Like characters of reference designate like parts in the different views of the drawings.

The numeral 1 designates an awl-handle bearing a chuck 2, mounted in the recess 3 in the end of the handle. The chuck 2 has a head 4, comprising four jaws, over which fits a nut 6. A needle 7, having an enlarged shank 8 and an eye 9 adjacent to a blunt point 10, is held firmly clamped in the chuck 2 by means of the nut 6. A guide-aperture 11 for a thread *a* is formed in the end of the nut 6 and is located to come just opposite a guide 12 in the handle 1 when the nut 6 is tight. A staple 13 is seated in the rear of the handle 1 and forms a third guide and tension for the thread *a*, which passes from the eye 9 back through the guides 11, 12, and 13, and thence to a spool (not shown) for holding a supply of thread. A shuttle 14 is also employed which has a boat-shaped body, or, in other words, it is concave on one face and

convex on the other and pointed at both ends 15. Oppositely-extending tongues 16, formed integral with the body 14, serve as a bobbin for a thread *b* wound thereon. A diamond-shaped slot 17, cut in the body 14, serves as an attachment for the end of the thread and as a holder and carrier.

When it is desired to use my awl in sewing, the thread *a* is threaded through the guides 13 12 11 and the eye 9 in the order named and then wound on the shuttle. The needle 7 is then inserted in the piece of material 18 to be sewed and the shuttle passed through the loop 19, after which the needle is withdrawn and the operation is repeated.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

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

1. A shuttle pointed at both ends, convex on one face and concave on the opposite face and bearing oppositely-extending tongues for holding a supply of thread and a pointed slot located intermediate said tongues, substantially as described.

2. A shuttle constructed of a single piece of sheet metal, said shuttle being pointed at opposite ends, convex on one face, concave on the other and provided with oppositely-extending tongues sprung outwardly from the convex face, for holding thread, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ELI B. McCANN.

Witnesses:

J. H. BURROUGHS,  
W. A. SPRINGER.