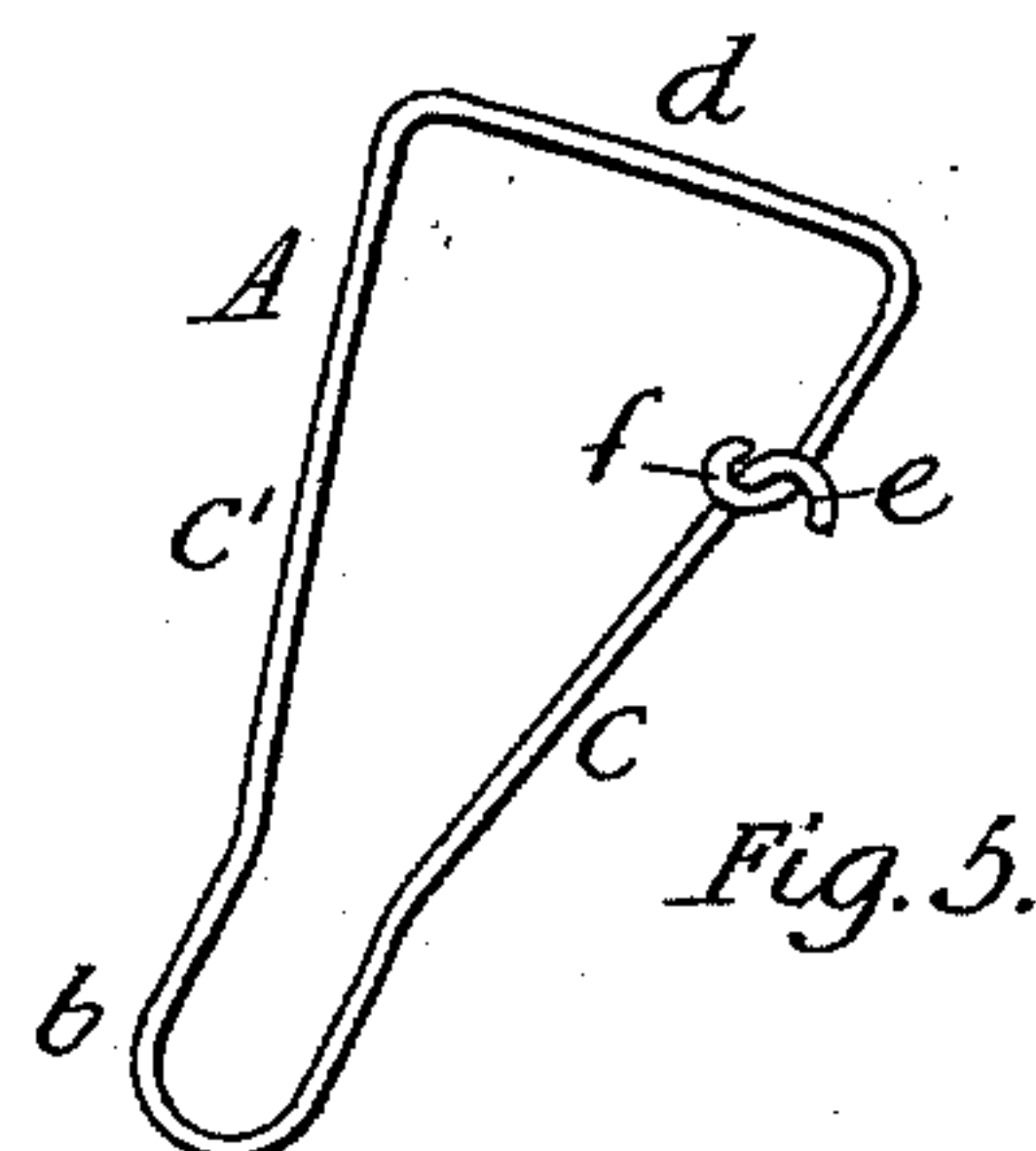
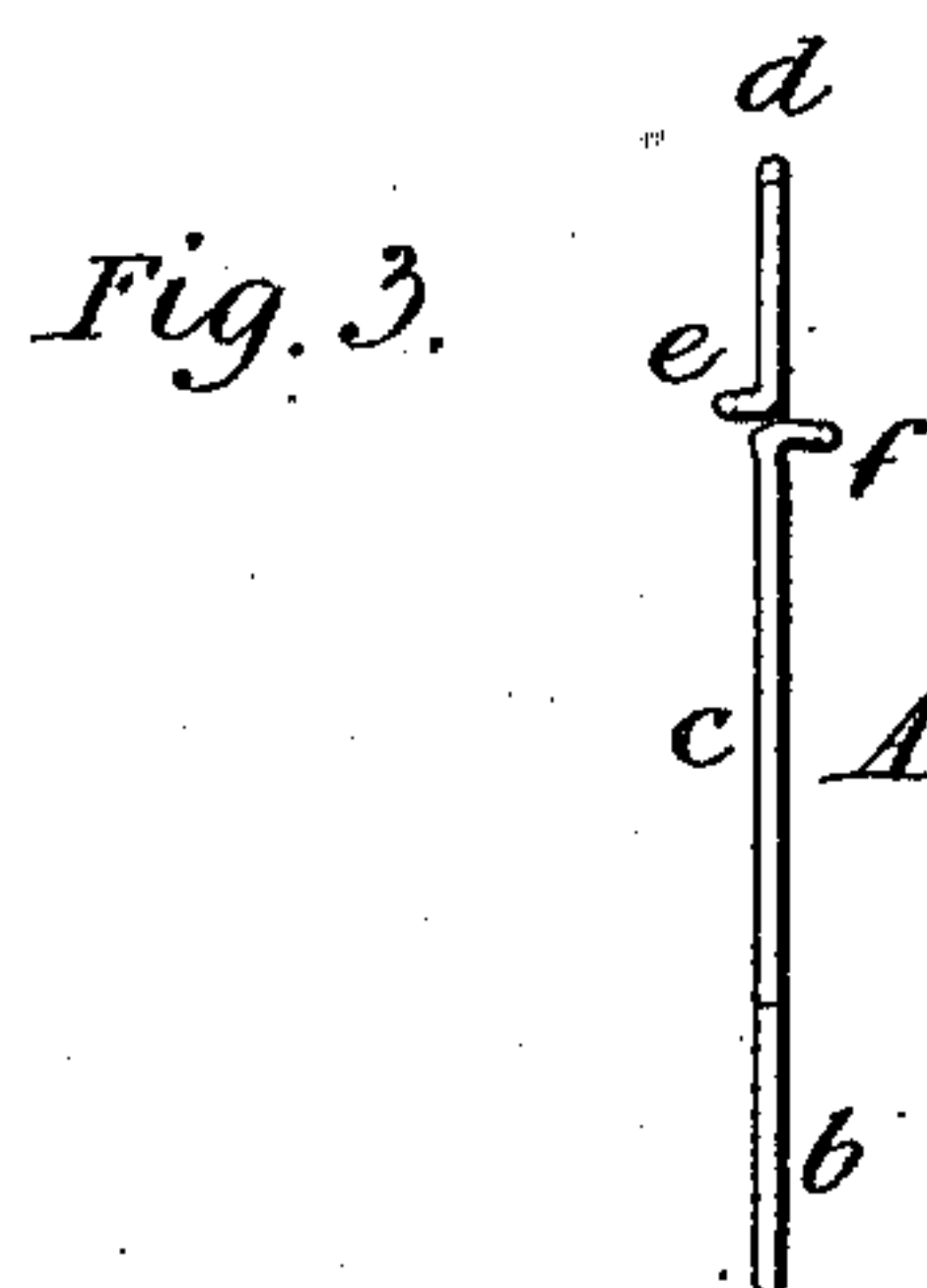
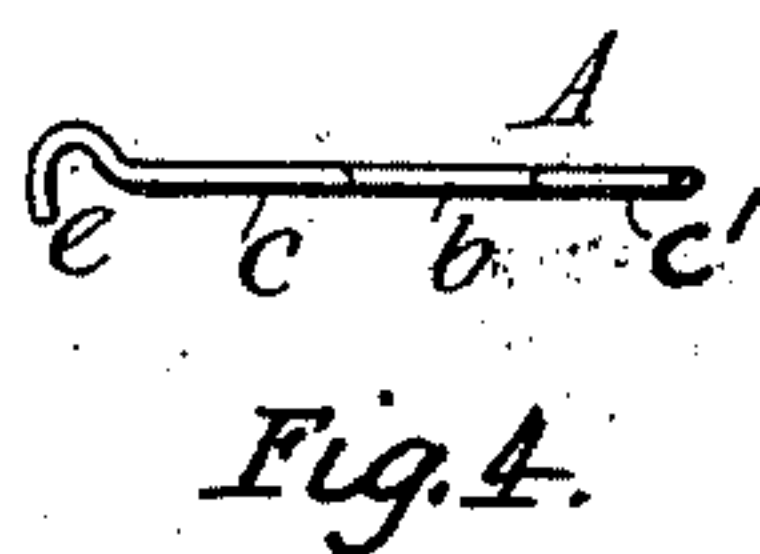
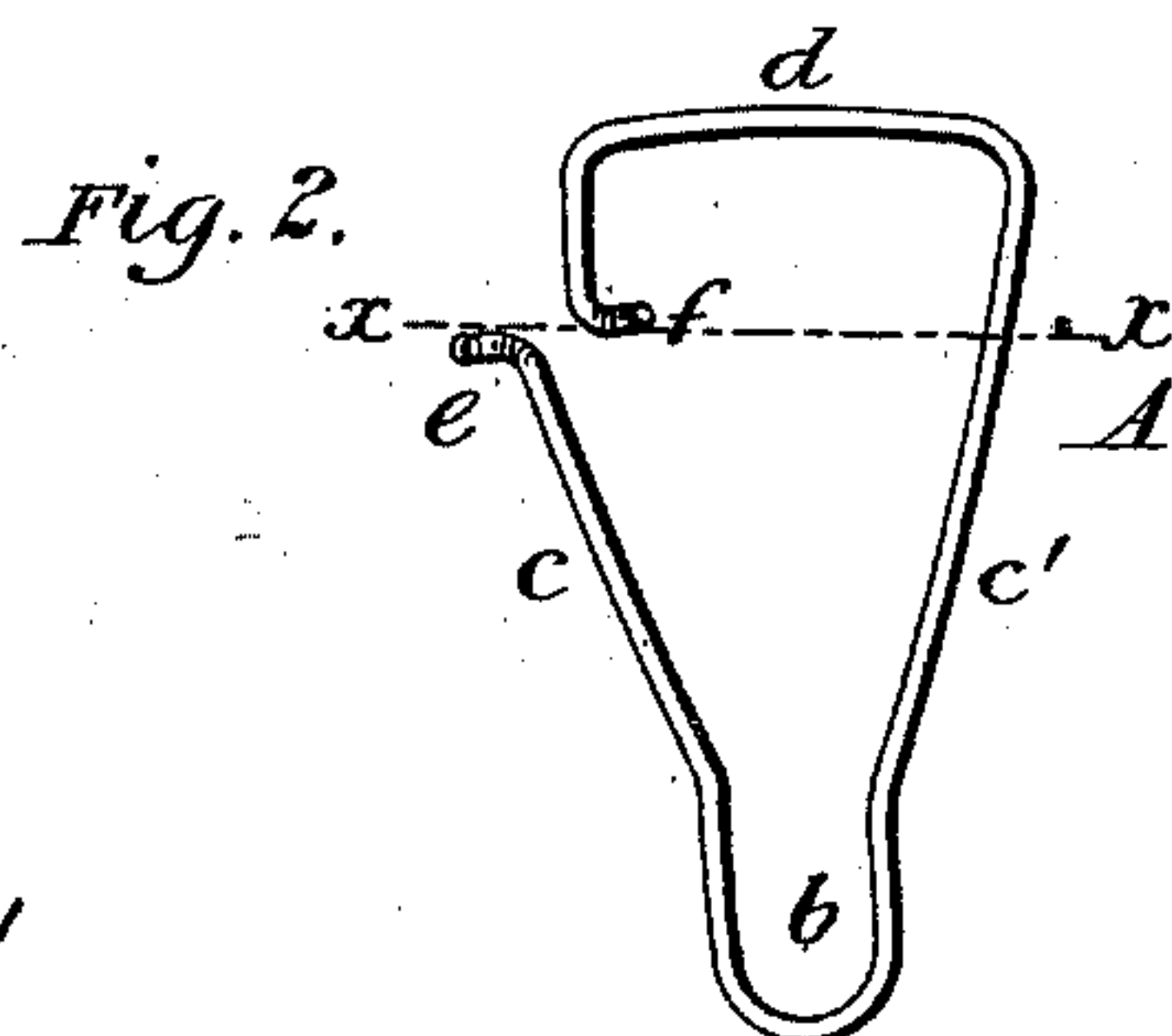
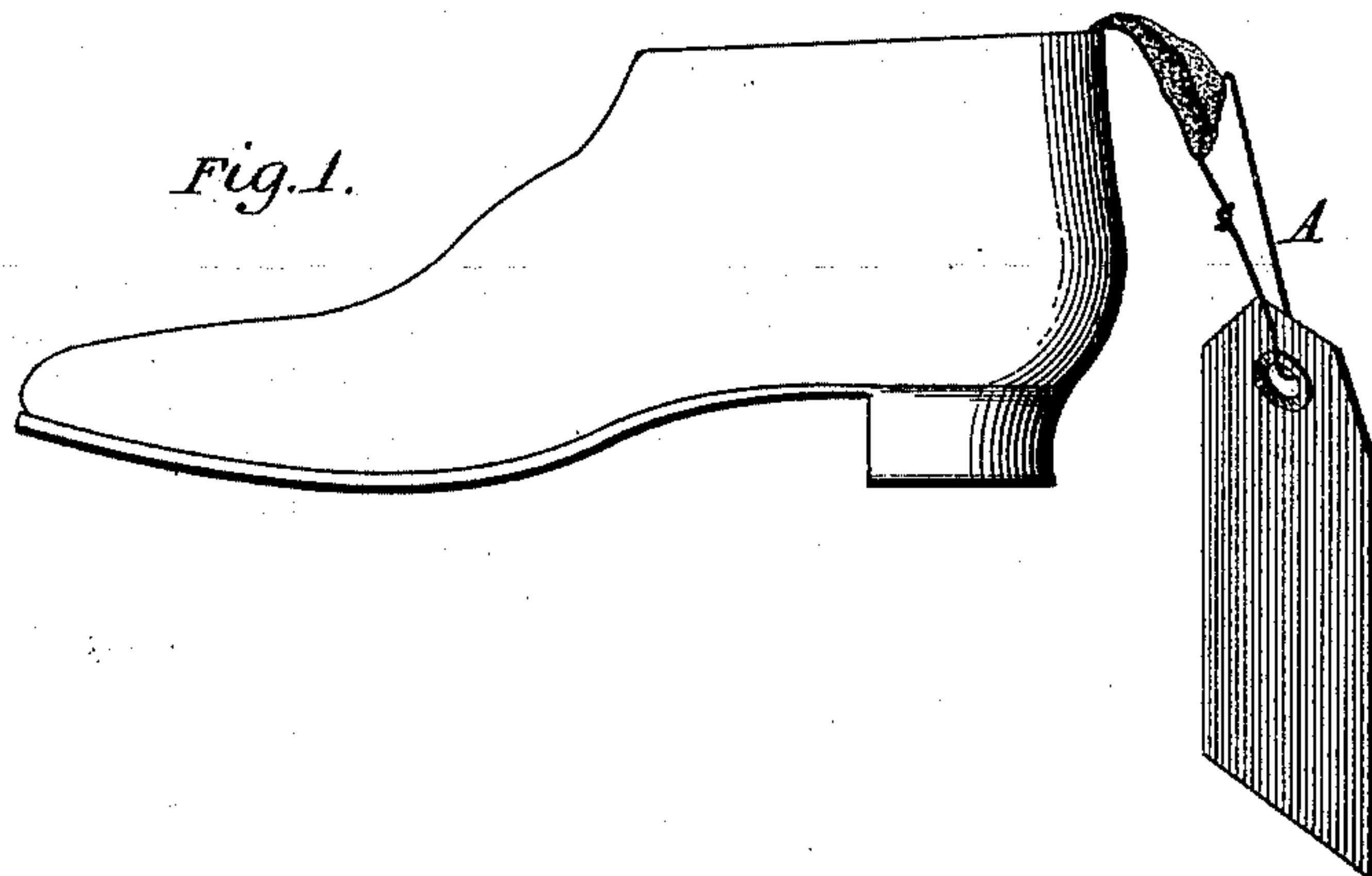


(No Model.)

F. E. HARRIS.
TAG FASTENER.

No. 509,529.

Patented Nov. 28, 1893.



Witnesses:

Wm. Norton
Chas. Ireland

Inventor:

Frank E. Harris
By W. W. Dudley
his Attorney.

UNITED STATES PATENT OFFICE.

FRANK E. HARRIS, OF LEWISTON, ASSIGNOR TO JAMES M. JORDAN, OF
AUBURN, MAINE.

TAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 509,529, dated November 28, 1893.

Application filed March 13, 1891. Serial No. 384,892. (No model.)

To all whom it may concern:

Be it known that I, FRANK E. HARRIS, a citizen of the United States, residing at Lewiston, in the county of Androscoggin and State of Maine, have invented certain new and useful Improvements in Tag-Fasteners; 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 tag fasteners and has for its objects to provide a fastener which shall effectually prevent the accidental detachment of the tag, and that shall be easy to manipulate, and inexpensive in its manufacture.

To these ends my invention consists in the form of fastener, and in the means for connecting the ends thereof, all of which will fully and clearly appear from the following description and claim.

In the accompanying drawings Figure 1 indicates in perspective my improved tag fastener as applied to a shoe and a tag therefor. Fig. 2, is a front elevation of the fastener detached with its ends unlocked. Fig. 3, is a side view. Fig. 4 is a sectional view taken on line $x-x$ Fig. 2, and Fig. 5 is a perspective view of the fastener with its ends in a locked position.

A indicates the tag fastener which is formed of a single wire of brass or other suitable metal. The wire is bent to form the loop b , for the tag; the side pieces c c' ; and the top piece d , which is adapted to be passed through a portion of the goods to be labeled. The ends of the wire are preferably blunt as shown,

and terminate a short distance below the top piece d in double helical hooks e, f , which are each formed by bending the wire first at right angles and then to the form of a **U**, as shown. These hooks are adapted to interengage or lock as shown in Figs. 1 and 5, and by reason of the peculiarly shaped hooks accidental disconnection is obviated.

By reason of the peculiar construction of my fastener it is especially useful for attaching tags to boots and shoes, but it is also well adapted to all purposes for which tag fasteners are employed. By reason of the blunt ends of the fastener, the liability of injury to the goods and hands, from contact with the pointed ends of the fastener usually employed, is overcome.

I claim—

In a tag fastener formed from a single wire, the combination of the **U**-shaped loop b the outwardly inclined side piece c terminating in a double helically hooked end e , the outwardly inclined side piece c' extending from said loop and bent to form the top piece d which latter is bent downward and terminates at a point in line with the end piece c and having a double helically hooked end f in a direction opposite to the hooked end e , the combination permitting the interlocking of such ends, as set forth.

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

FRANK E. HARRIS.

Witnesses:

HENRY W. OAKES,
FRED. O. WATSON.