

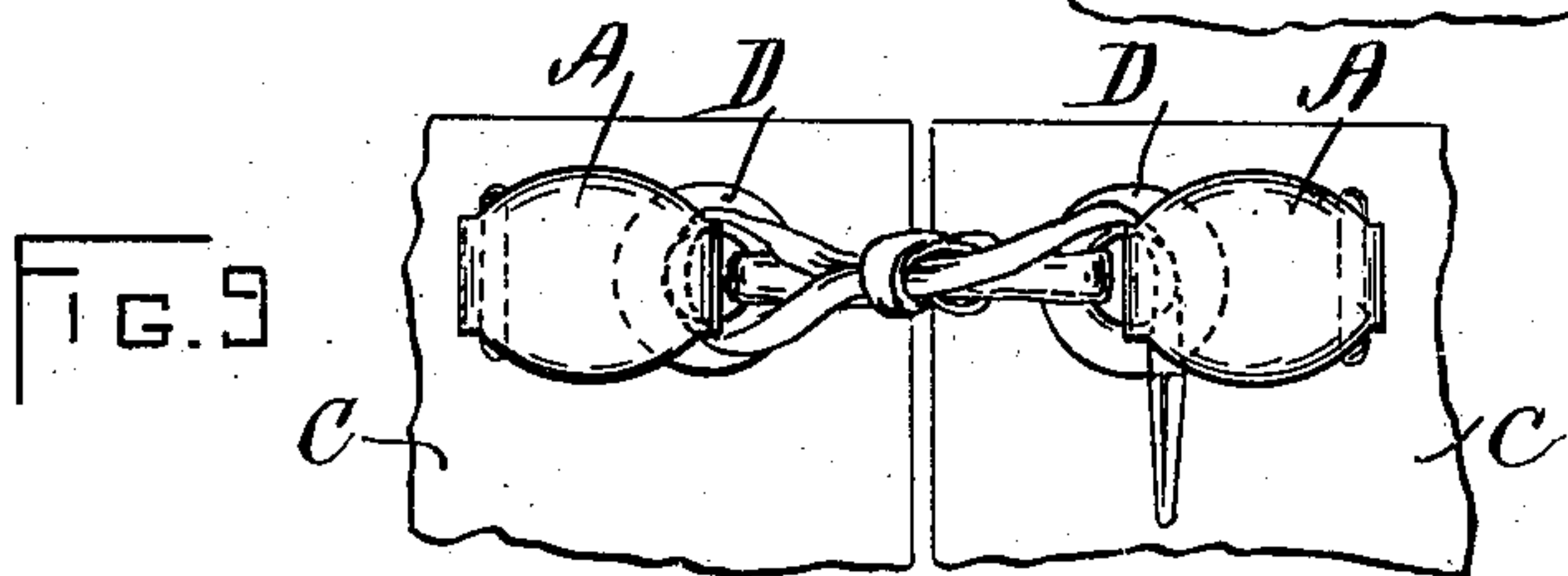
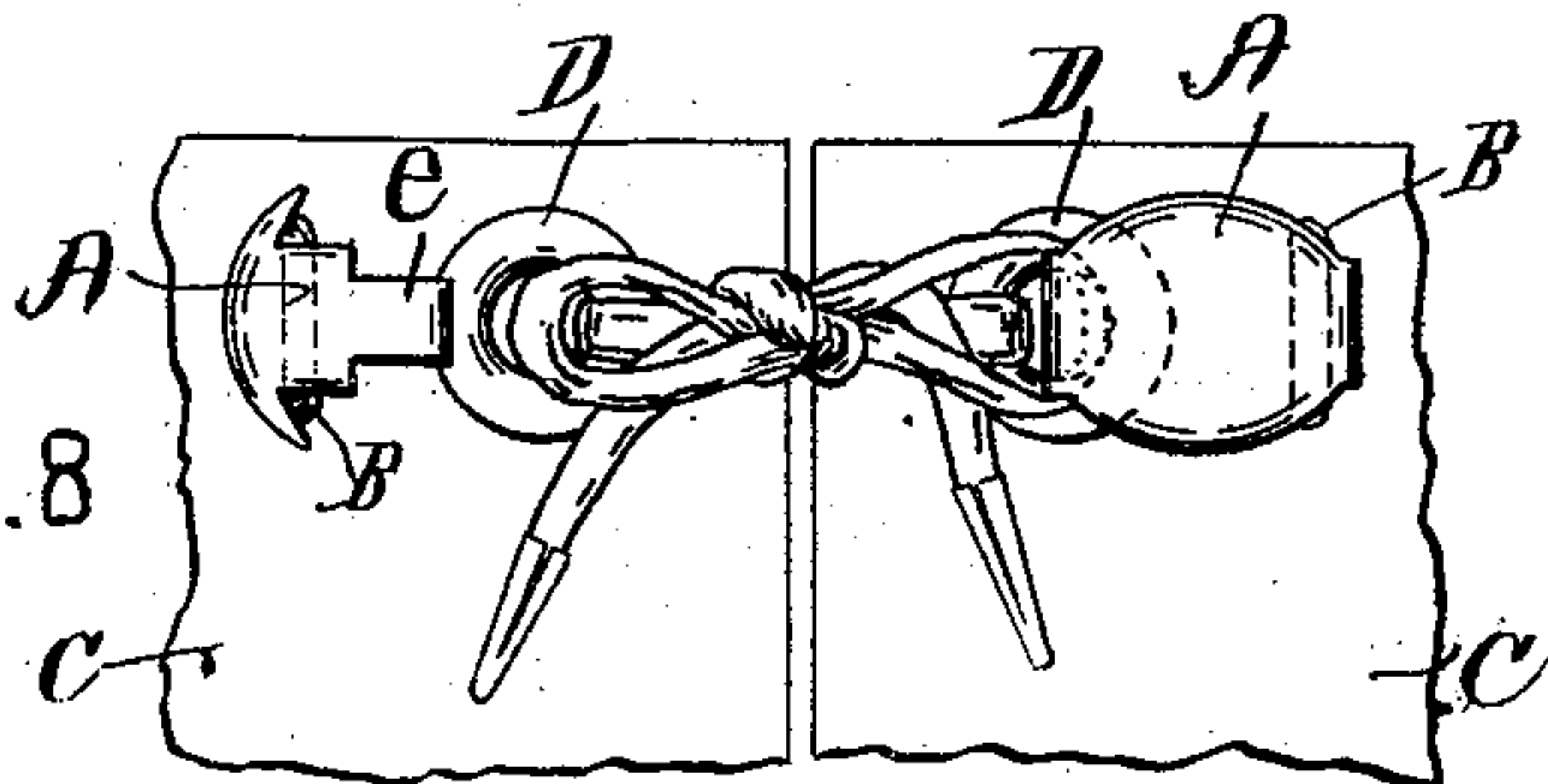
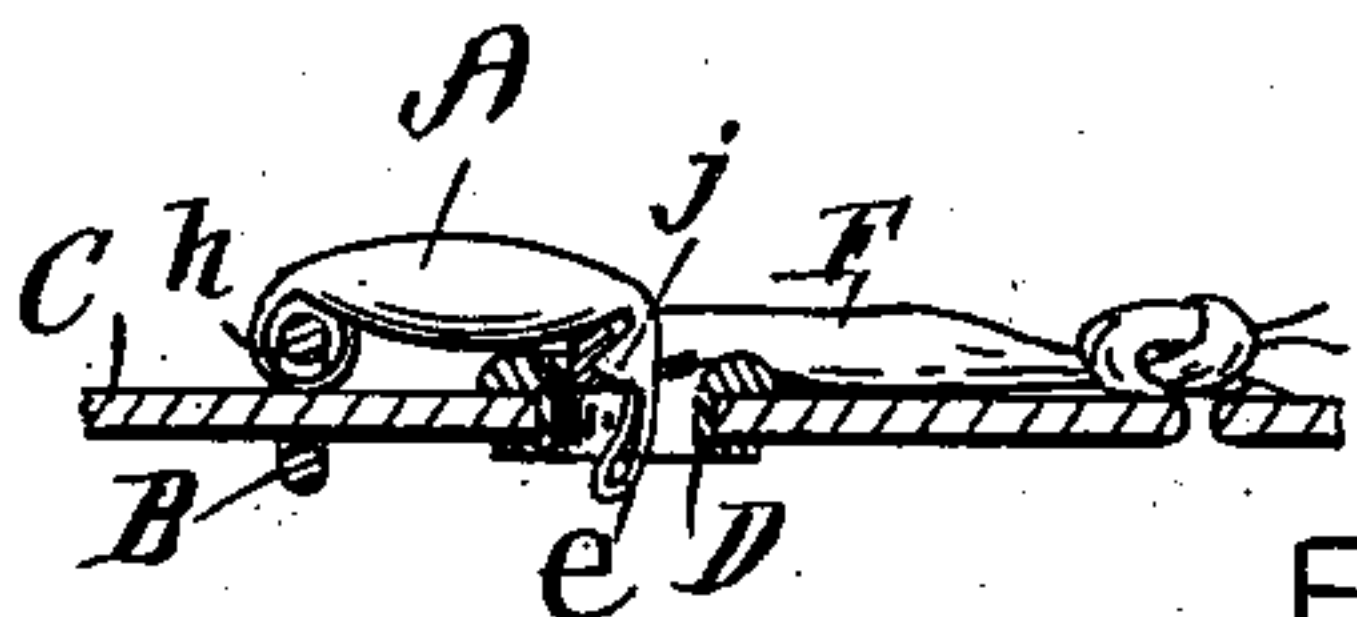
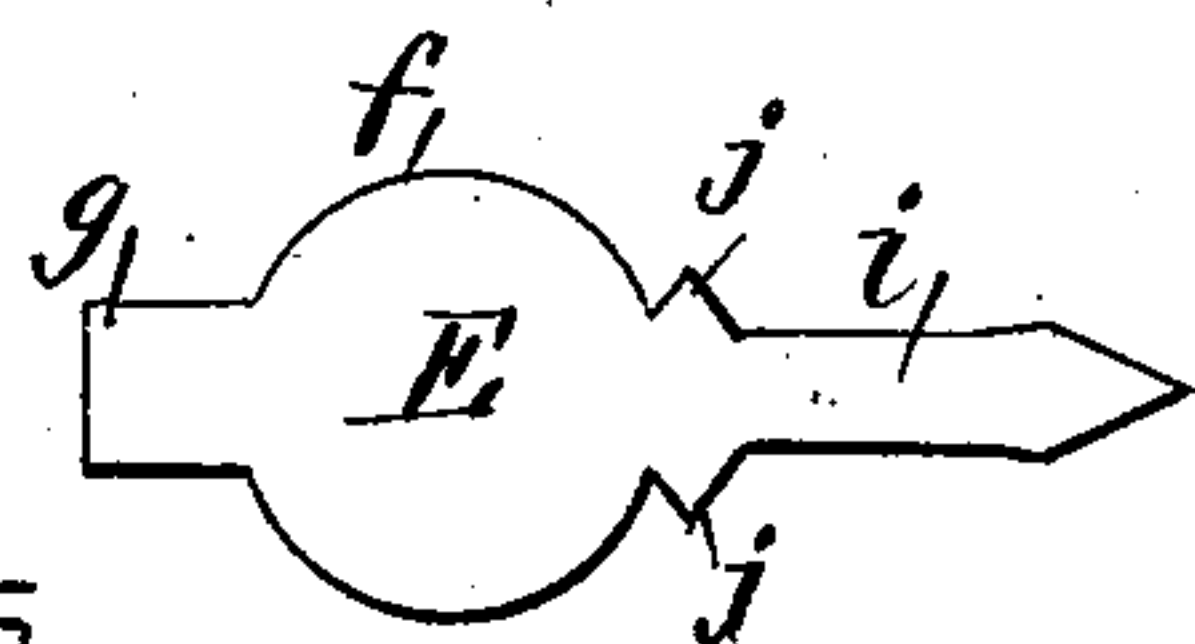
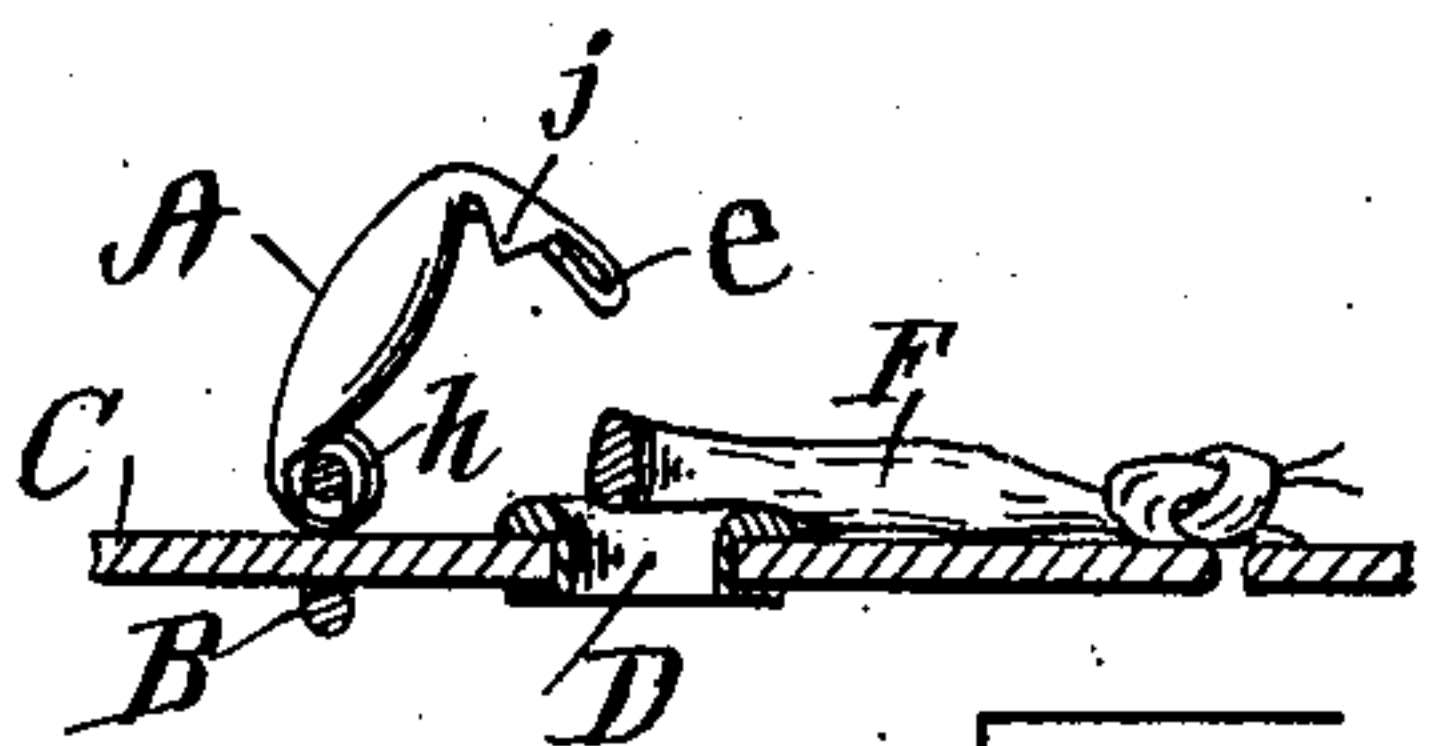
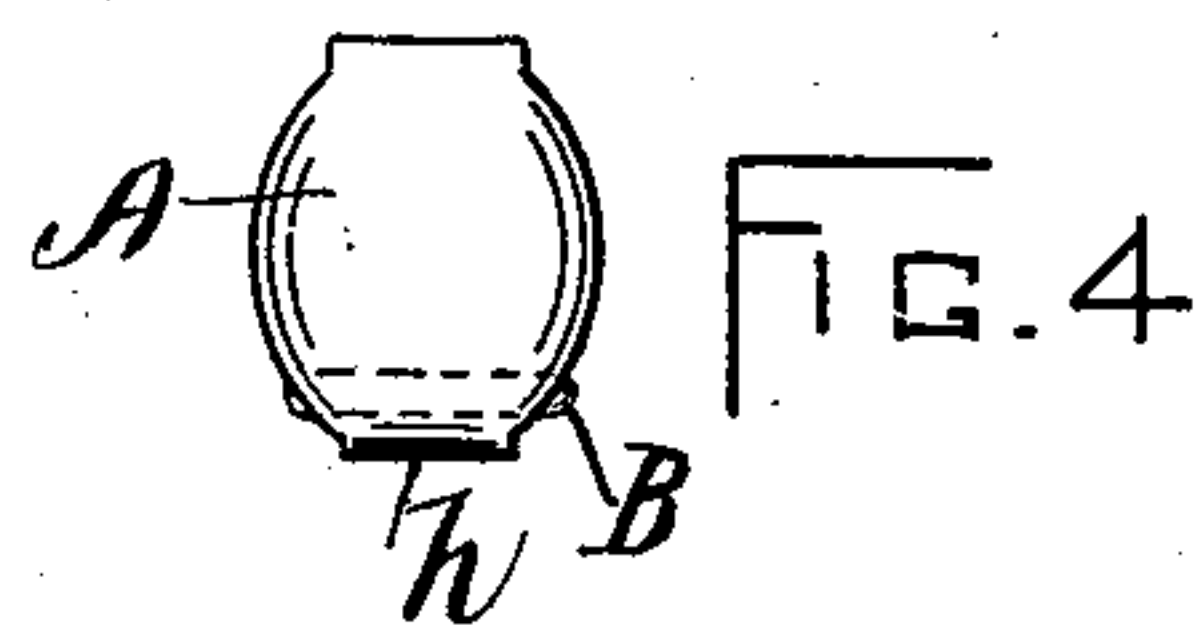
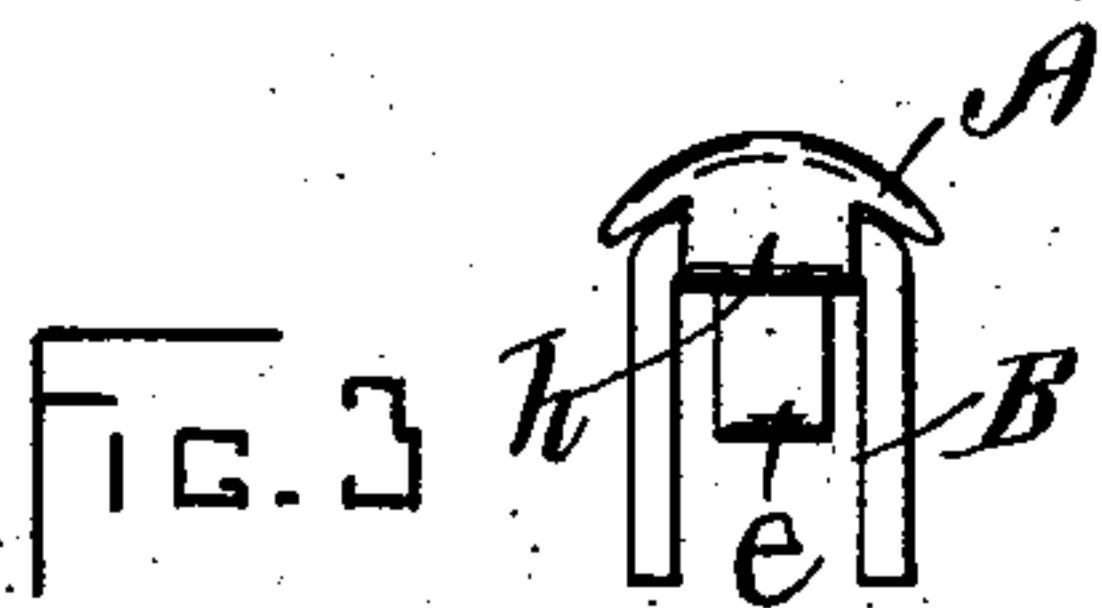
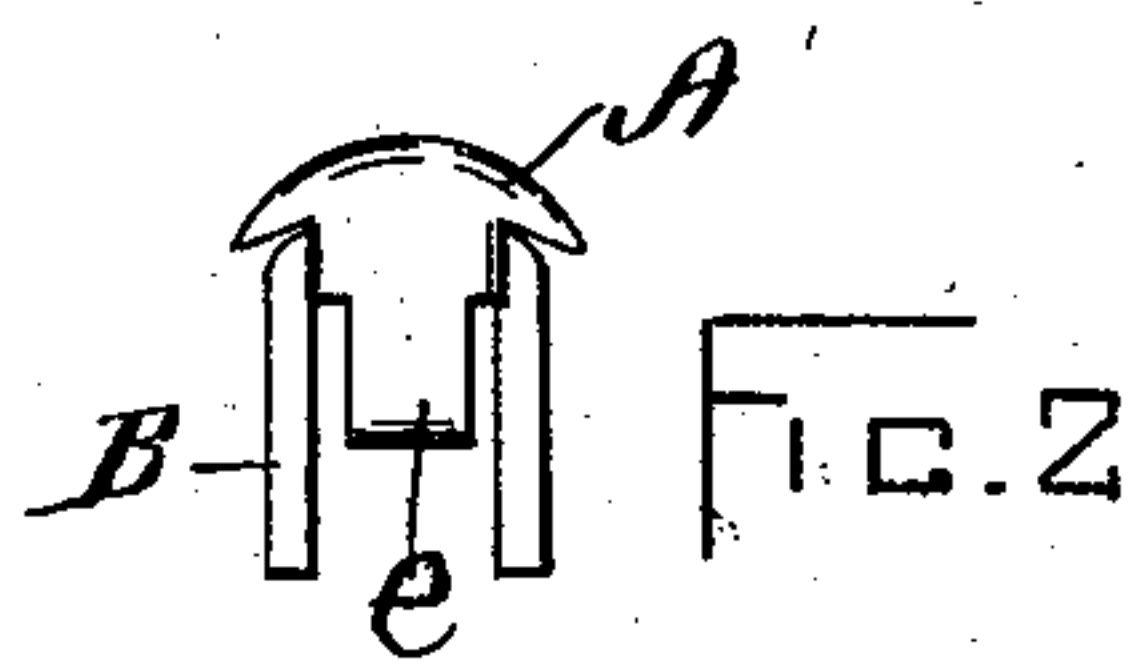
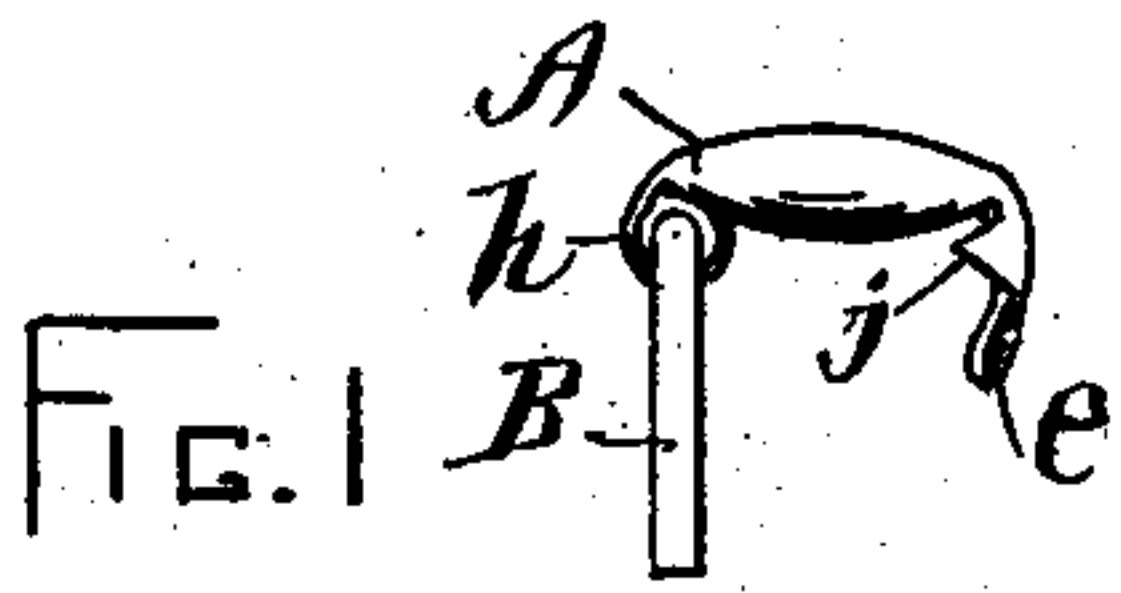
No. 724,809.

PATENTED APR. 7, 1903.

M. A. CLARKSON.
SHOE LACE FASTENER.

APPLICATION FILED MAR. 29, 1902.

NO MODEL.



WITNESSES

John S. Lynch
H. Poulton

INVENTOR

Margaret A. Clarkson

ATTY. S. Scholfield

UNITED STATES PATENT OFFICE.

MARGARET ANN CLARKSON, OF PROVIDENCE, RHODE ISLAND.

SHOE-LACE FASTENER.

SPECIFICATION forming part of Letters Patent No. 724,809, dated April 7, 1903.

Application filed March 29, 1902. Serial No. 100,613. (No model.)

To all whom it may concern:

Be it known that I, MARGARET ANN CLARKSON, a citizen of the United States, residing at Providence, in the State of Rhode Island, have invented a new and useful Improvement in Shoe-Lace Fasteners, of which the following is a specification.

The object of my invention is to provide a shoe-lace fastener which is adapted to hold the shoe-lace firmly and prevent slipping and also adapted to hold the loop of the bow-knot, and thus prevent any part of the shoe-lace from becoming loosened; and my invention consists in the improved construction and application of the fastening-hook, as hereinafter set forth and claimed.

In the accompanying drawings, Figure 1 represents a side view of my improved shoe-lace fastener prior to its attachment to the shoe. Fig. 2 represents a front view of the same. Fig. 3 represents a rear view. Fig. 4 represents a top view. Fig. 5 represents the outspread blank from which the fastening-hook is formed. Fig. 6 represents a sectional view showing the fastening-hook in engagement with the eyelet to hold the shoe-lace. Fig. 7 represents a sectional view showing the fastening-hook disengaged from the eyelet and turned upward. Fig. 8 represents a detail top view showing the fasteners as applied to a double bow-knot. Fig. 9 represents the fastening of a single bow-knot by means of the fastening-hook.

In the drawings, A represents the fastening-hook, B the wire staple by means of which the fastening-hook is secured to the leather C of the shoe, and D represents the eyelet, into which the projecting lip *e* of the hook A passes. The hook A is formed of a sheet-metal blank E, cut out as shown in Fig. 5, with the circular body portion *f*, the rearwardly-projecting portion *g*, adapted for rolling into a tube *h* for holding the attaching-staple B and forming

ing the hinge-joint, and with the forwardly-extending tongue *i*, the end portion of which is folded inwardly to form the engaging lip *e* and provided at its base with the spurs *j j*, which are adapted for engagement with the shoe-lace F to hold the same firmly when the hook A is in engagement with the eyelet D, as shown in Fig. 6, the opened condition of the fastening-hook being shown in Fig. 7. The hook A is secured to the shoe by clenching the ends of the staple B at the back of the leather C, as shown in Fig. 6, so that the hook may be turned upon the inclosed portion of the staple. When the hook A is closed into the eyelet D, it bears upon the shoe-lace F, the spurs *j j*, which are located at the edge of the base portion of the lip *e*, engaging with the shoe-lace to prevent the same from slipping from under the hook. My improved fastening-hook is employed at the topmost eyelet in each of the rows of eyelets used for fastening the shoe, and if a single bow-knot is made in the shoe-lace the loop may be held securely by one of the fastening-hooks, as shown in Fig. 9, or when a double bow-knot is made both loops may be held by the fastening-hooks, as shown in Fig. 8.

I claim as my invention—

As a new manufacture, a shoe-lace fastener formed of a sheet-metal blank provided with a body portion, the rearwardly-projecting portion adapted for forming the tubular part of the hinge-joint, and the forwardly-extending tongue adapted to form the engaging lip, and the spurs arranged at opposite sides of the base of the lip and adapted for engagement with the shoe-lace, and the connected staple for attaching the fastening to the fabric, substantially as described.

MARGARET ANN CLARKSON.

Witnesses:

SOCRATES SCHOLFIELD,
HENRY E. REYNOLDS.