

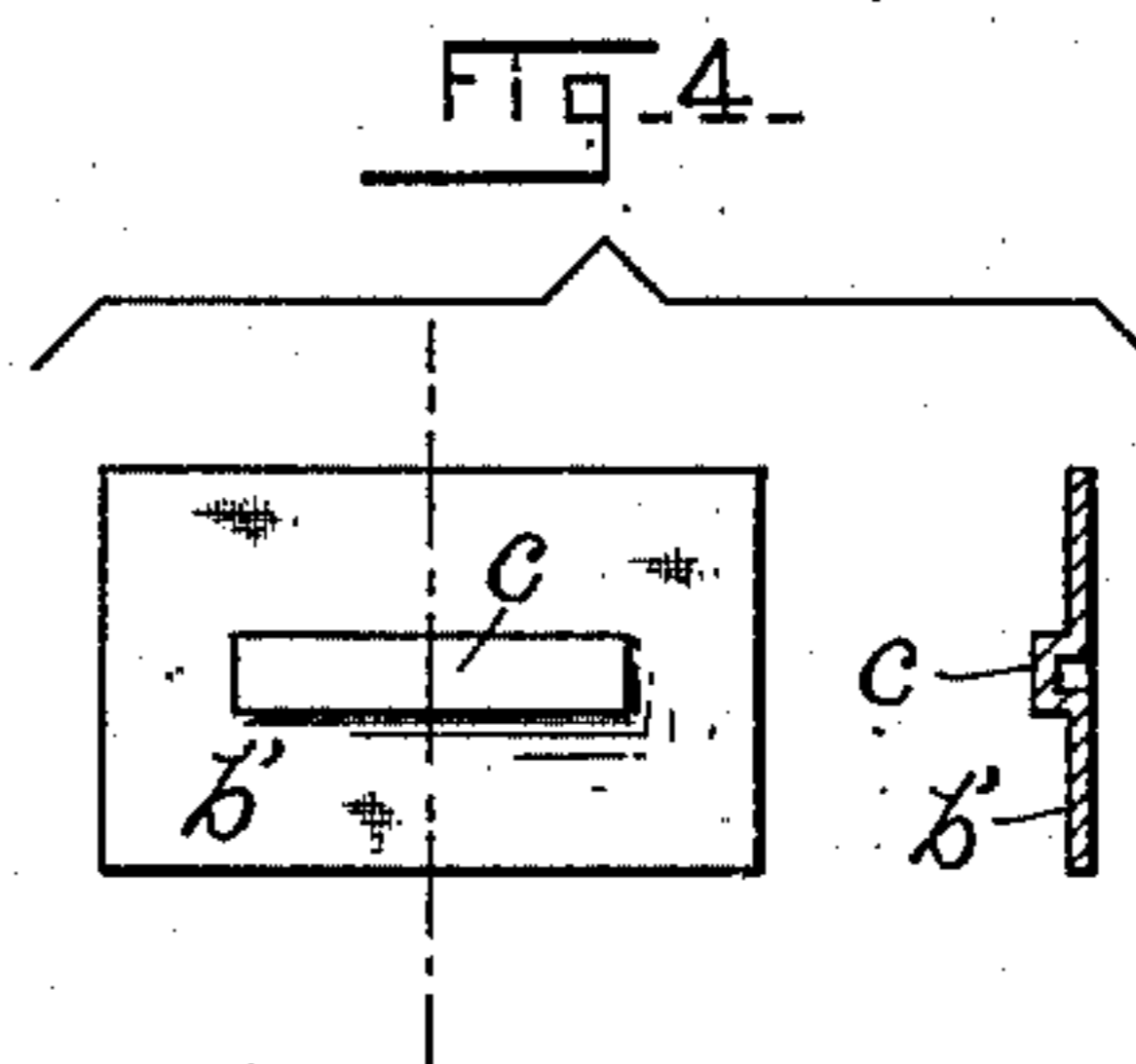
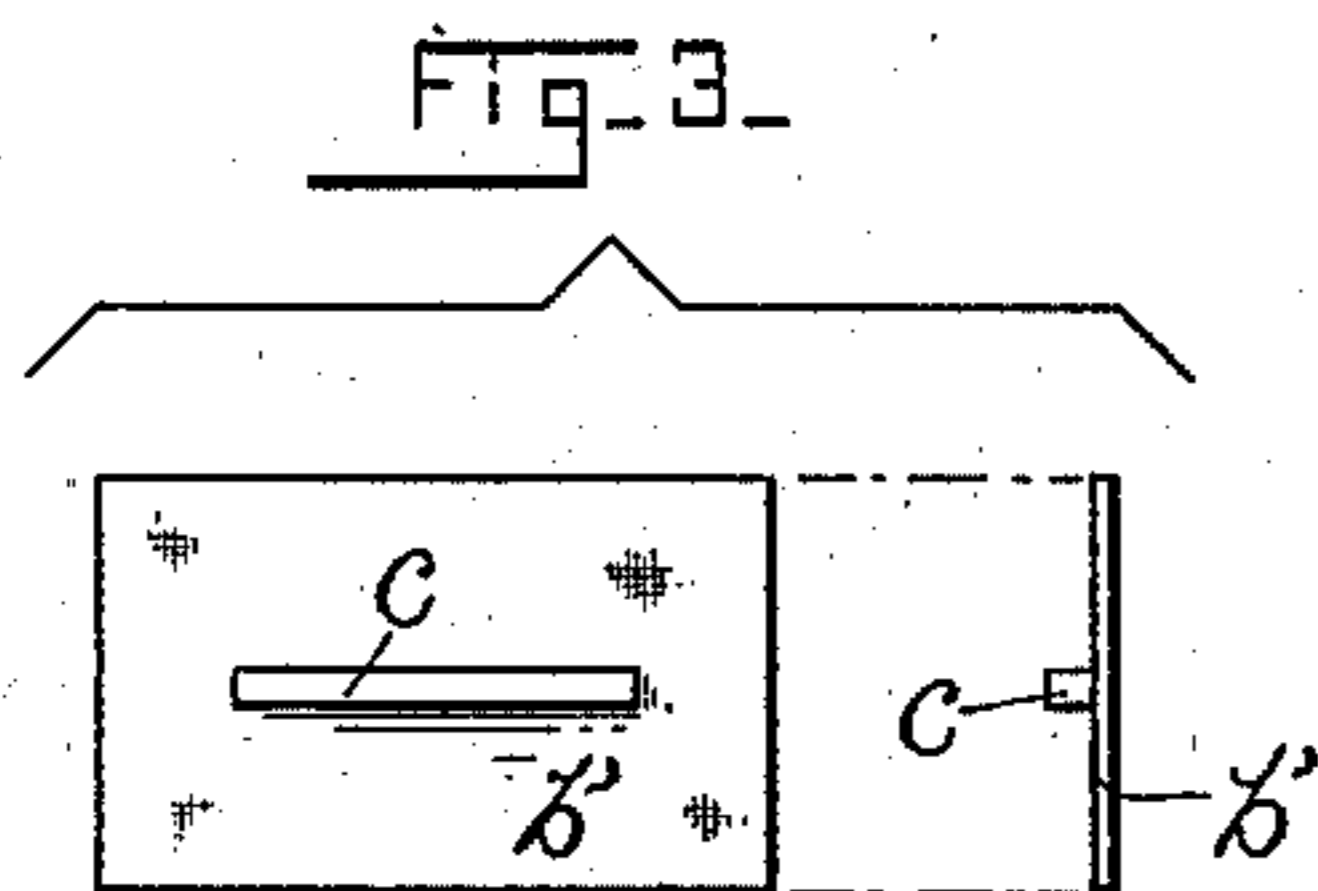
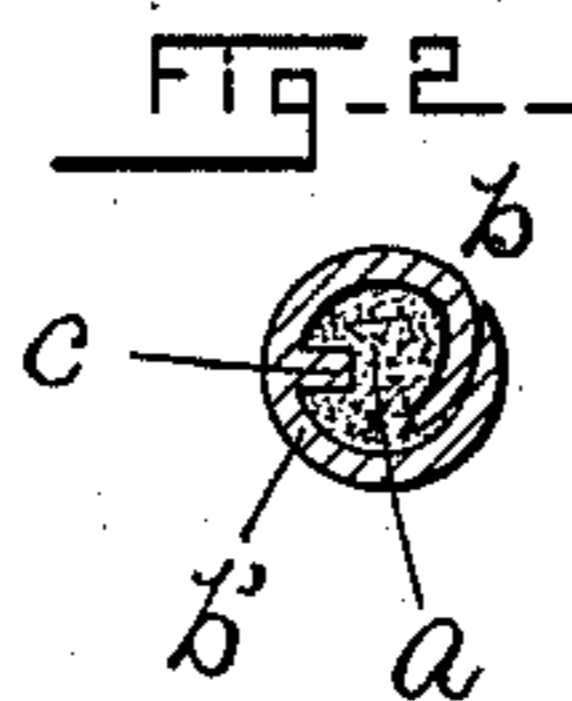
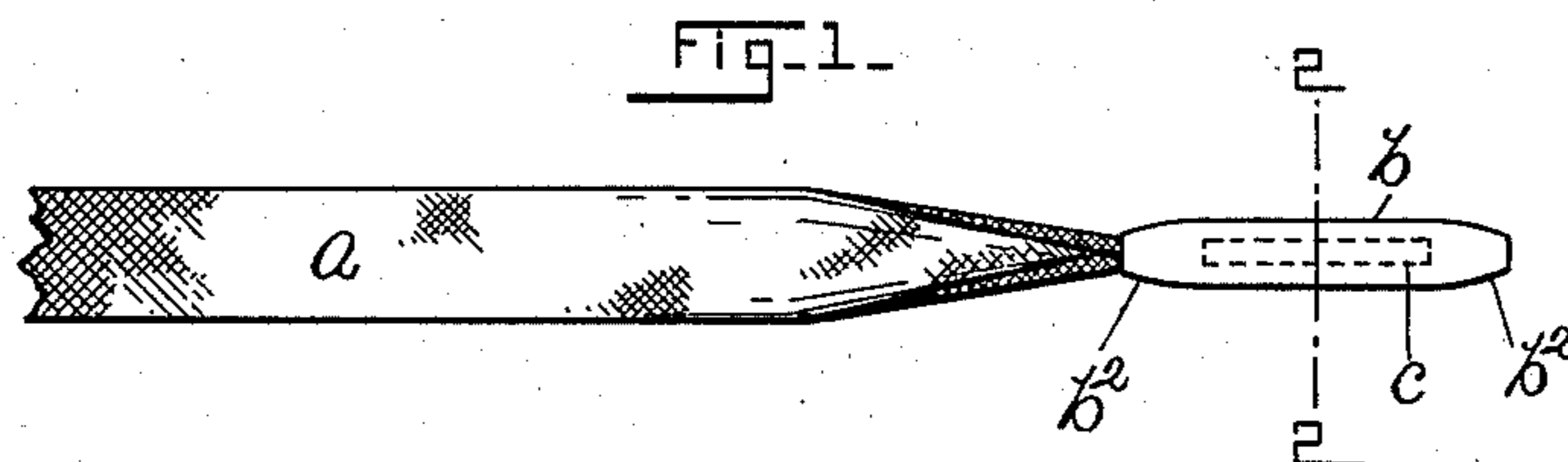
No. 712,632.

Patented Nov. 4, 1902.

W. L. ADAMS.
TIP FOR SHOE LACINGS.

(Application filed Jan. 10, 1902.)

(No Model.)



WITNESSES
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UNITED STATES PATENT OFFICE.

WALTER L. ADAMS, OF NORWICH, CONNECTICUT.

TIP FOR SHOE-LACINGS.

SPECIFICATION forming part of Letters Patent No. 712,632, dated November 4, 1902.

Application filed January 10, 1902. Serial No. 89,179. (No model.)

To all whom it may concern:

Be it known that I, WALTER L. ADAMS, a citizen of the United States, residing at Norwich, in the county of New London and State of Connecticut, have invented certain new and useful Improvements in Tips for Shoe-Lacings, of which the following is a full, clear, and exact description.

The chief object of this invention is to provide in a cheap and practical manner a metallic tip or tag for shoe and corset lacings, which tip shall be of extraordinary stiffness and capable of being readily molded to form a tapered end. The novel stiffening element which I have provided serves also to bind the metallic tip very securely on the lacing.

The accompanying drawings illustrate my invention, Figure 1 being a view of a portion of a lacing having secured thereto a tip of my improved construction; and Fig. 2 is an enlarged cross-sectional view of the same, taken on the line 2 2 of said Fig. 1. In Fig. 3 I have shown plan and end views of a metallic blank, considerably enlarged, having a stiffening-rib formed by swaging the surrounding stock away from said rib, thus reducing the plate or body portion of said blank to the proper thickness for rolling around the lacing. In Fig. 4 I have illustrated a blank formed from sheet-stock of proper thickness to be thus rolled upon the lacing, the stiffening-rib being punched up therefrom.

In the drawings, *a* denotes the lacing, and

b the finished tip. Said tip is formed from a plate *b'* of sheet-brass or other suitable material, having a longitudinal rib *c* formed throughout a portion only of its length, as seen in Figs. 3 and 4. Said rib may be formed in any practical manner.

In the operation of attaching the tip to the lacing the latter is laid upon the rib *c*, and one edge of the plate *b'* is then folded over upon the lacing, thus forcing the latter into close engagement with the rib. The opposite edge of the plate is then folded over upon the first-named edge, substantially as seen in Fig. 2, and the tip is rolled down and molded, so as to taper its ends, as at *b*², thus clasping more firmly the tip upon the lacing and providing a reduced free end that may be readily entered in an eyelet-hole.

The rib *c* aids in securing the tip and lacing together; but it also serves the more valuable purpose of stiffening the said tip.

Having described my invention, I claim— In combination with a lacing, a tip rolled upon said lacing, said tip being formed with a longitudinal rib extending throughout a portion only of the length of the said tip.

Signed at Norwich, Connecticut, this 27th day of December, 1901.

WALTER L. ADAMS.

Witnesses:

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