

No. 641,689.

Patented Jan. 23, 1900.

A. R. GARROD.
ANATOMICAL SHOE.

(Application filed Feb. 16, 1899.)

(No Model.)

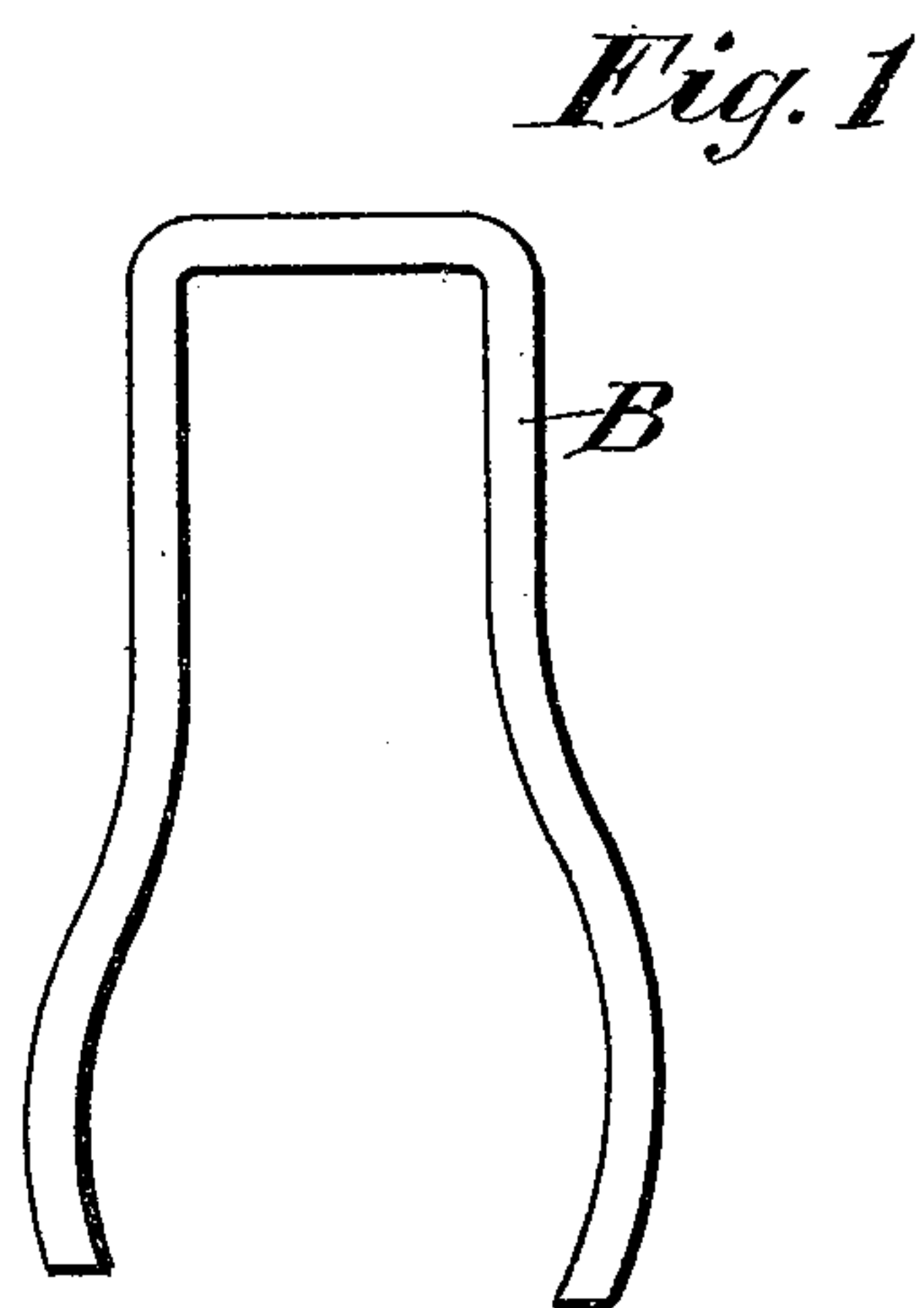
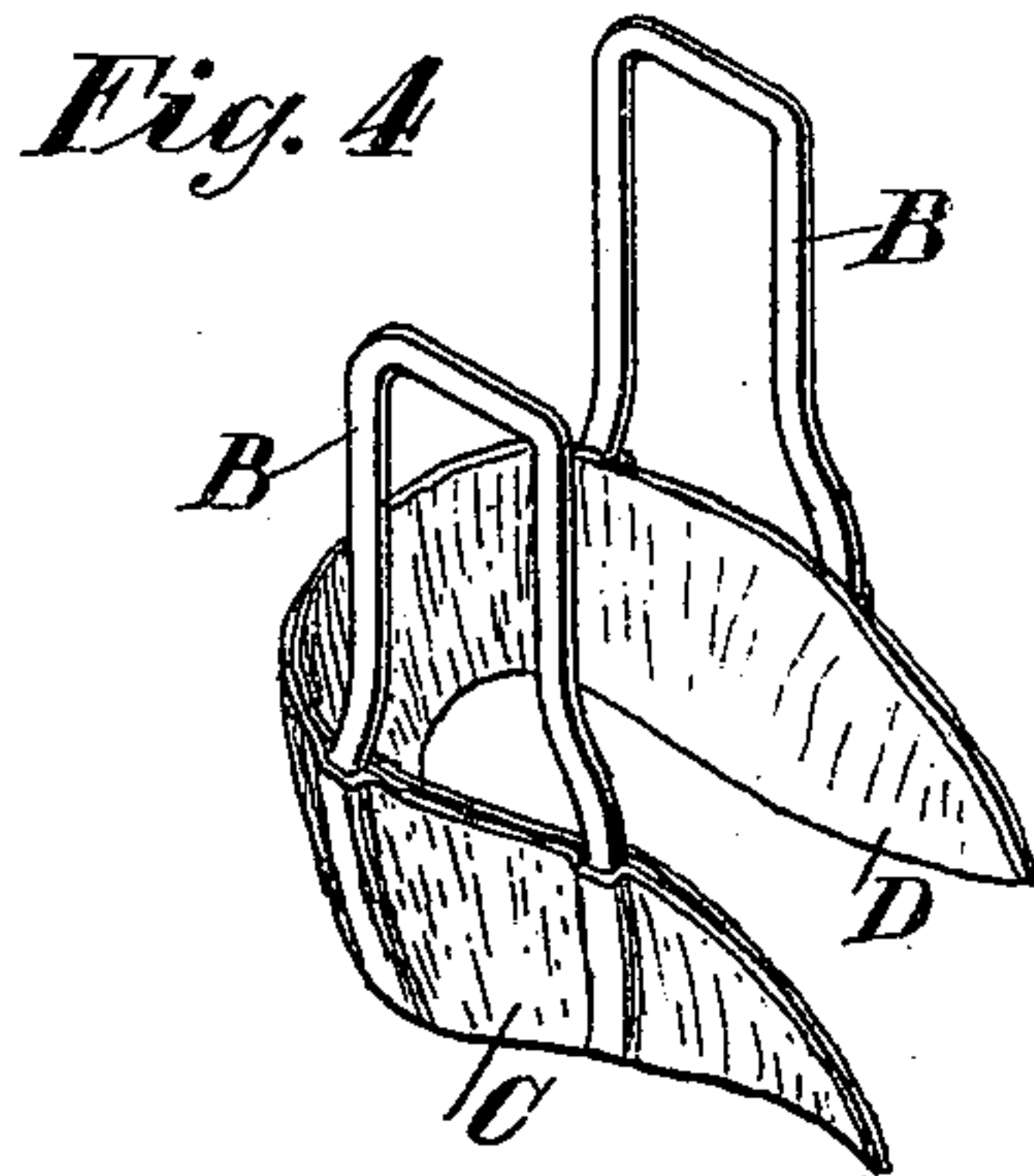
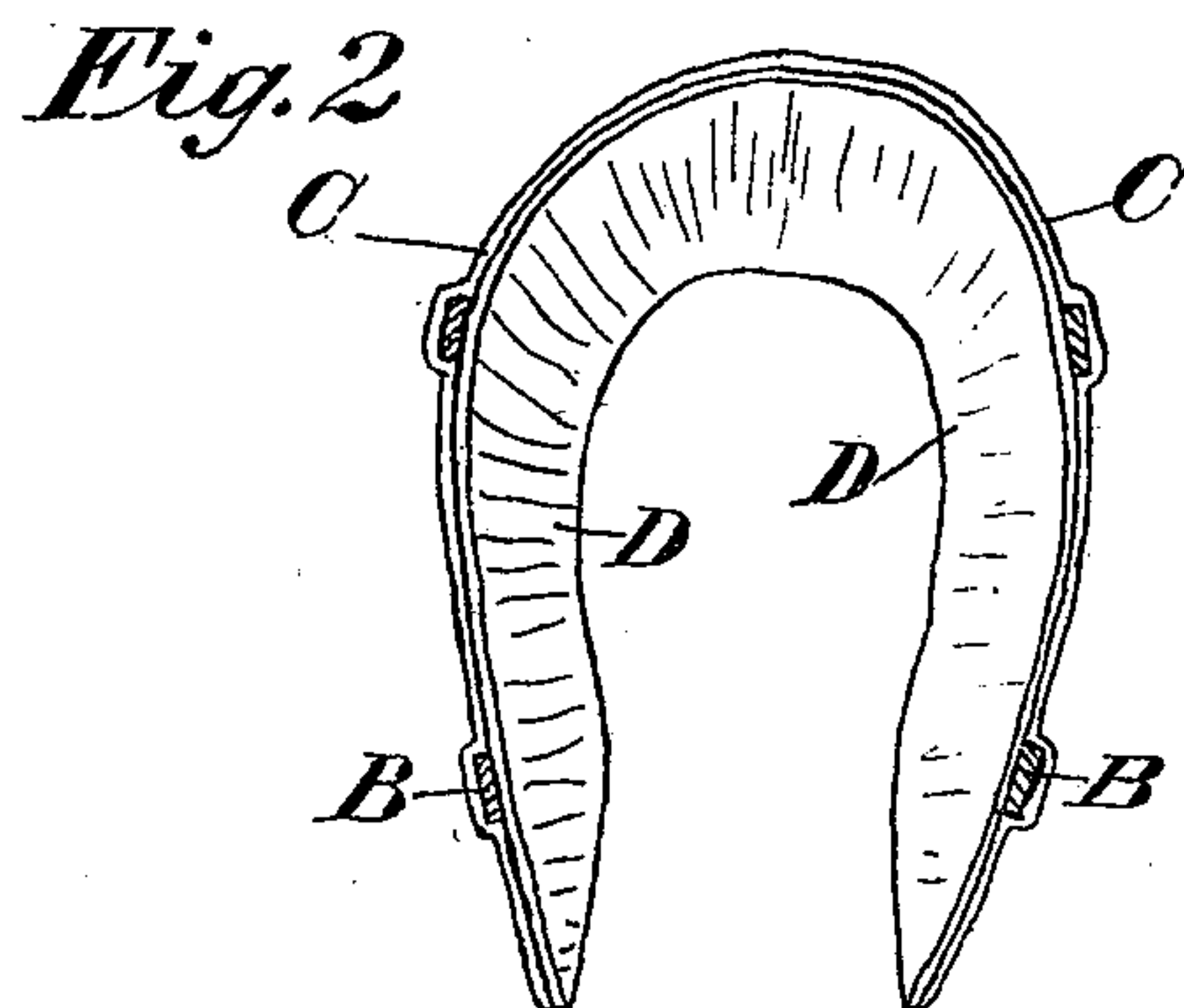
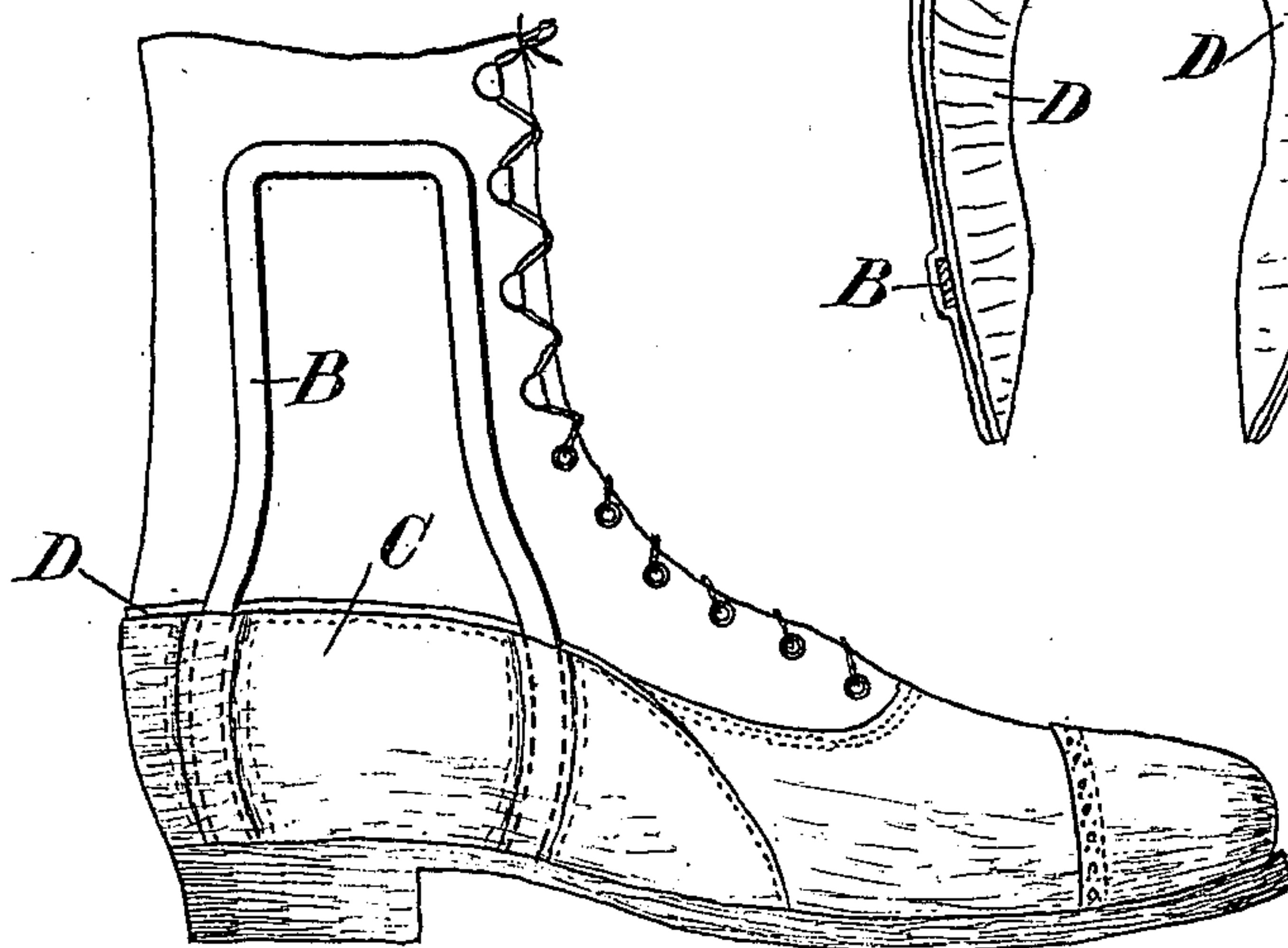


Fig. 3



WITNESSES:

Geo. B. Rowley.
Fred H. James.

INVENTOR

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UNITED STATES PATENT OFFICE.

ALBERT ROBERT GARROD, OF NEW YORK, N. Y.

ANATOMICAL SHOE.

SPECIFICATION forming part of Letters Patent No. 641,689, dated January 23, 1900.

Application filed February 16, 1899. Serial No. 705,713. (No model.)

To all whom it may concern:

Be it known that I, ALBERT ROBERT GARROD, a citizen of the United States, and a resident of New York, in the county of Kings and State of New York, have invented certain new and useful Improvements in Anatomical Shoes, of which the following is a specification.

My invention relates to improvements in anatomical shoes in which braces or stays are used; and the objects of my improvement are, first, to provide braces or stays in shoes to support weak ankles, and, second, to provide double extended counters in shoes to prevent adults and children from becoming flat-footed. I attain these objects by the means illustrated in the accompanying drawings, in which—

Figure 1 is a full view of the brace; Fig. 2, a view of the extended double counters; Fig. 3, a side view of the shoe with braces and counters in place, and Fig. 4 a perspective of the braces in position.

Similar letters refer to similar parts throughout the several views.

I use two of the braces B in each shoe, one on each side, placed between the lining and outer leather of the shoe. The ends or lower extremities of these braces are inserted between the extended counters D and C. These counters D and C extend on both sides of the shoe past the instep arch of the foot up to what is termed the "ball" of the foot. The braces B are preferably made of spring sheet metal, although they may be made of any suitable material without departing from the spirit of my invention. The counters are made of leather. It will be seen that by the form and shape of the braces B and the man-

ner in which they are secured and held in place by the counters D and C they keep the upper leather of the shoe firm and rigid without the braces B being brought in contact with the ankle-bone.

The two counters D and C not only afford sockets for braces B, but prevent the ends of said braces from working their way through the outer leather of the shoe.

The counters D and C are extended on both sides of the shoe past the instep arch of the foot up to the ball of the foot. These counters being double afford a firm support to the foot at the instep arch, and this rigid support to the instep arch of the foot sustains and supports it, thus preventing adults and children from becoming flat-footed, or, if so afflicted, curing the same.

I am aware that ankle-support and ankle-corset shoes have been made; but I am not aware nor do I believe that there has ever been made a shoe having braces as shown herein or having double counters extending at the sides of the shoe to the ball of the foot.

What I claim as my invention, and desire to secure by Letters Patent, is—

A shoe comprising an upper and a lining, double counter-stiffeners secured between the said upper and lining, and ankle-braces secured between and held by said counter-stiffeners, substantially as described.

Signed at New York, in the county of New York and State of New York, this 1st day of February, A. D. 1899.

ALBERT ROBERT GARROD.

Witnesses:

K. SUSTMANN,
F. G. BALL.