

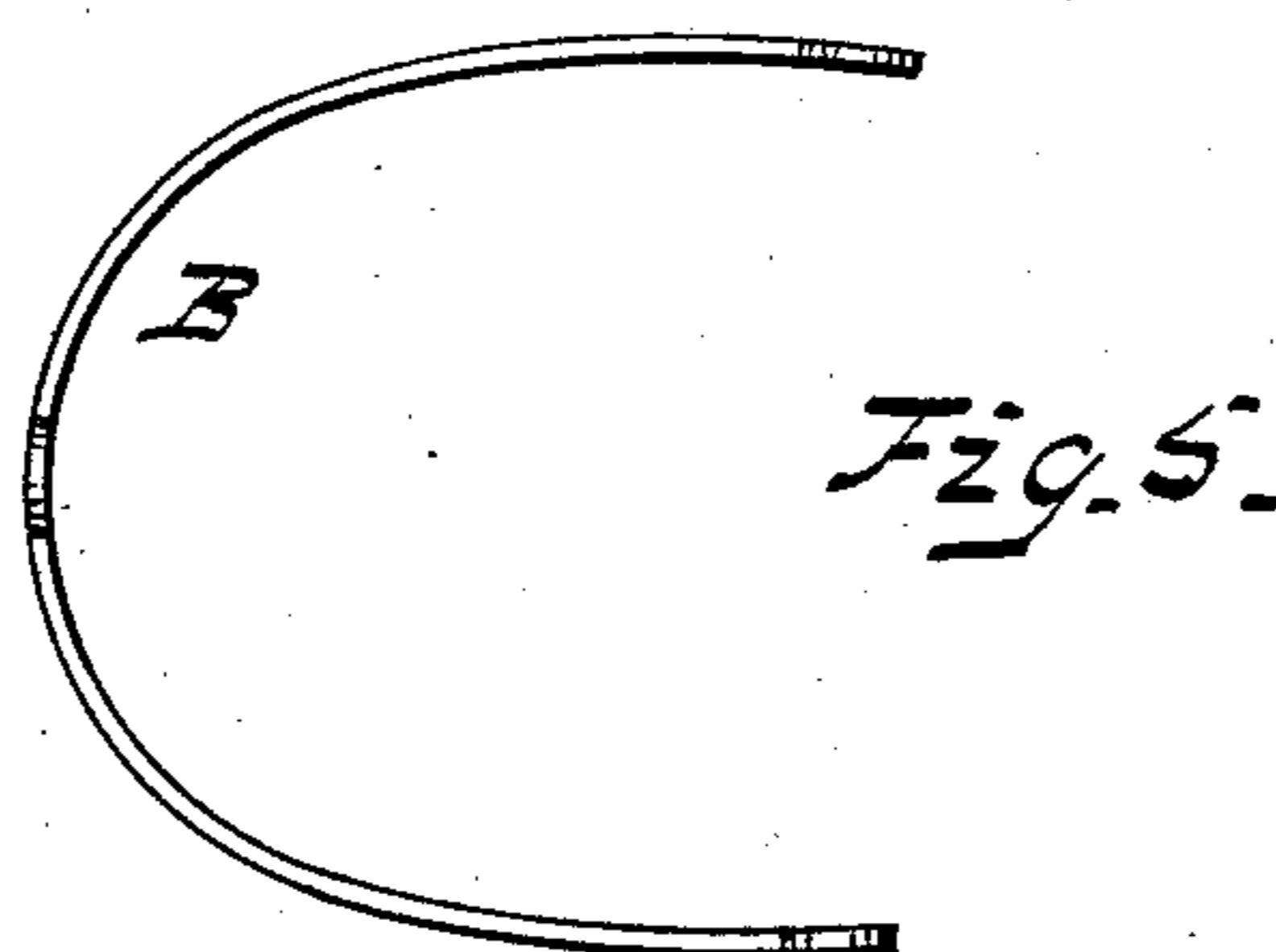
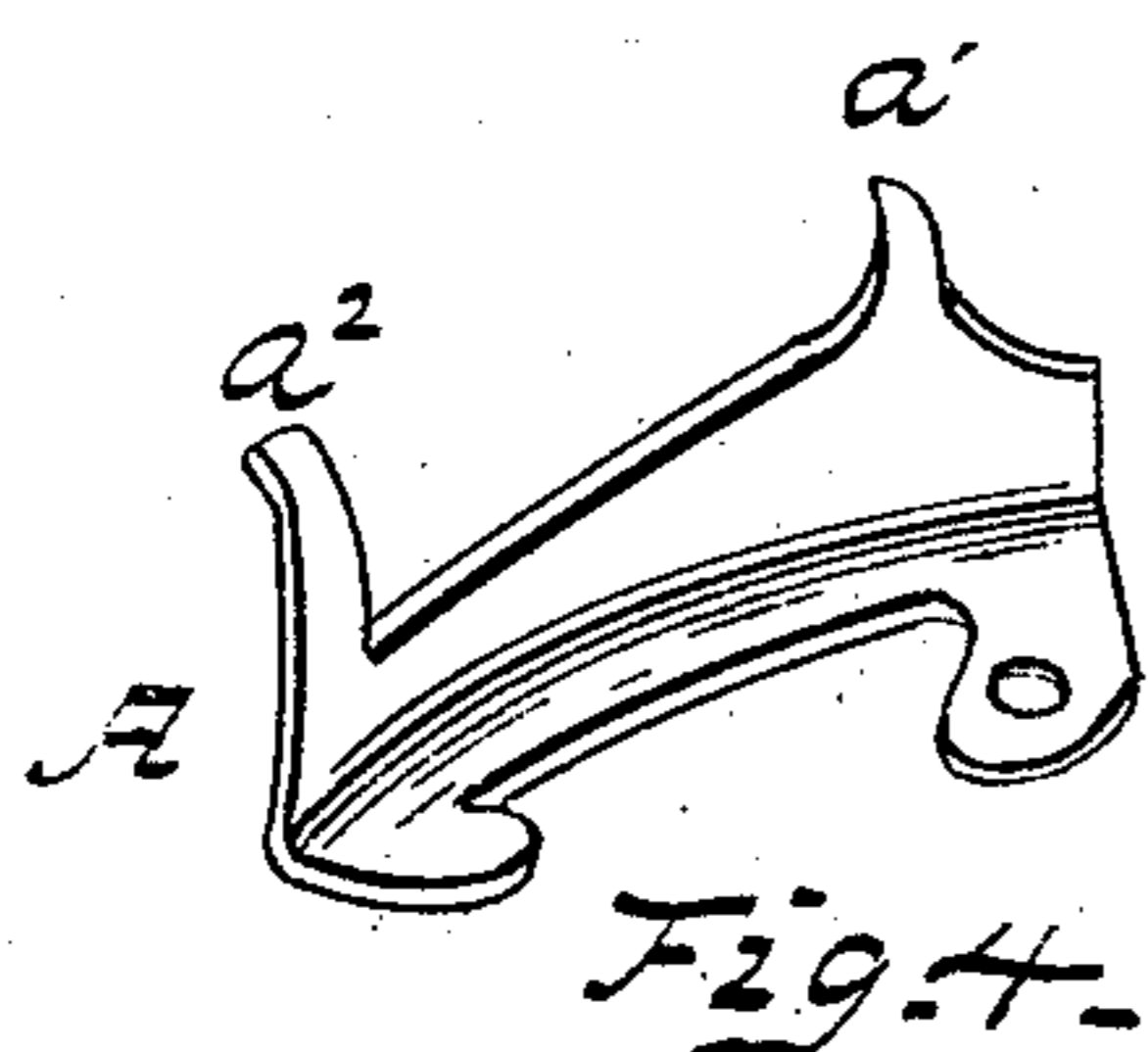
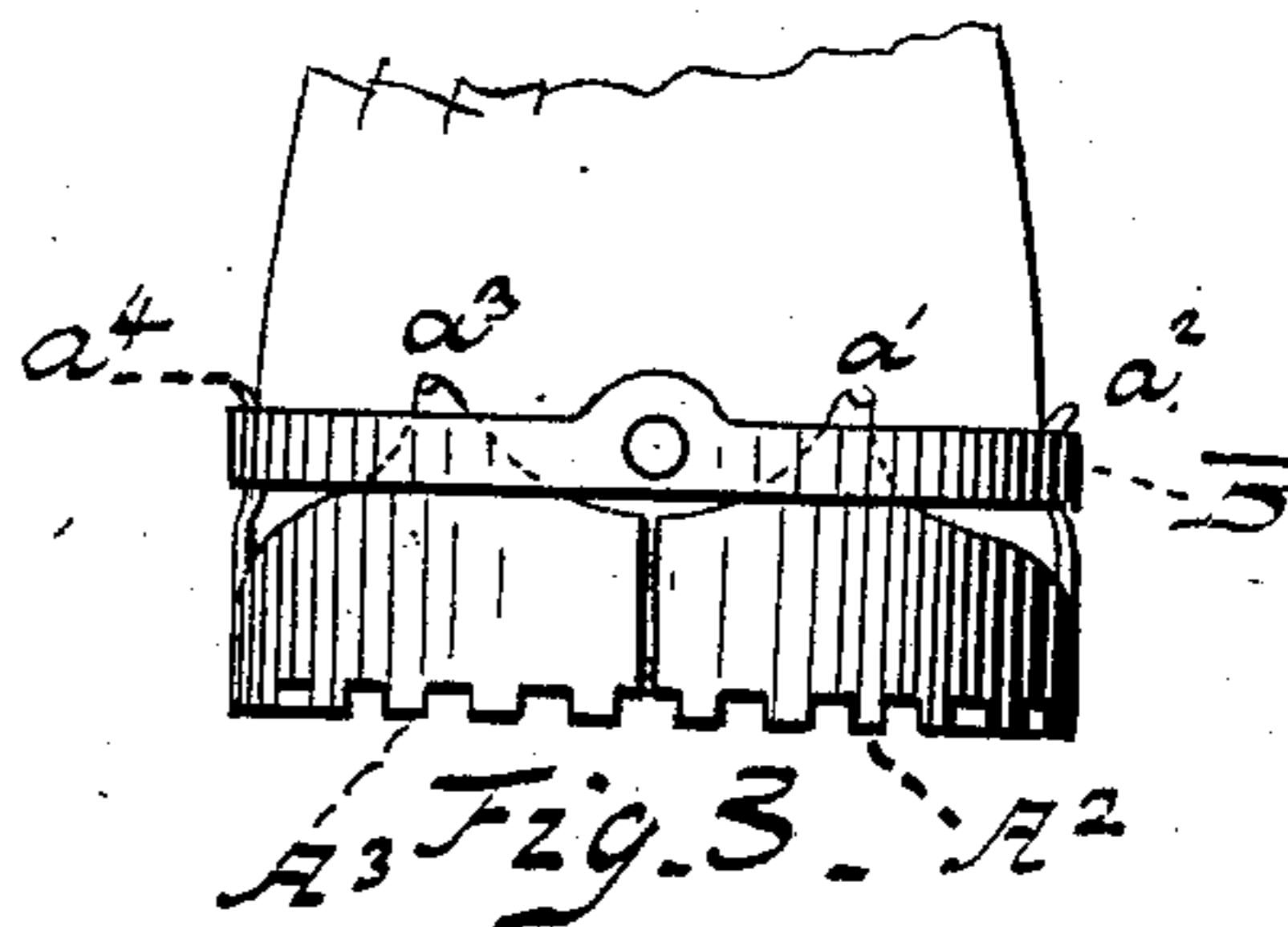
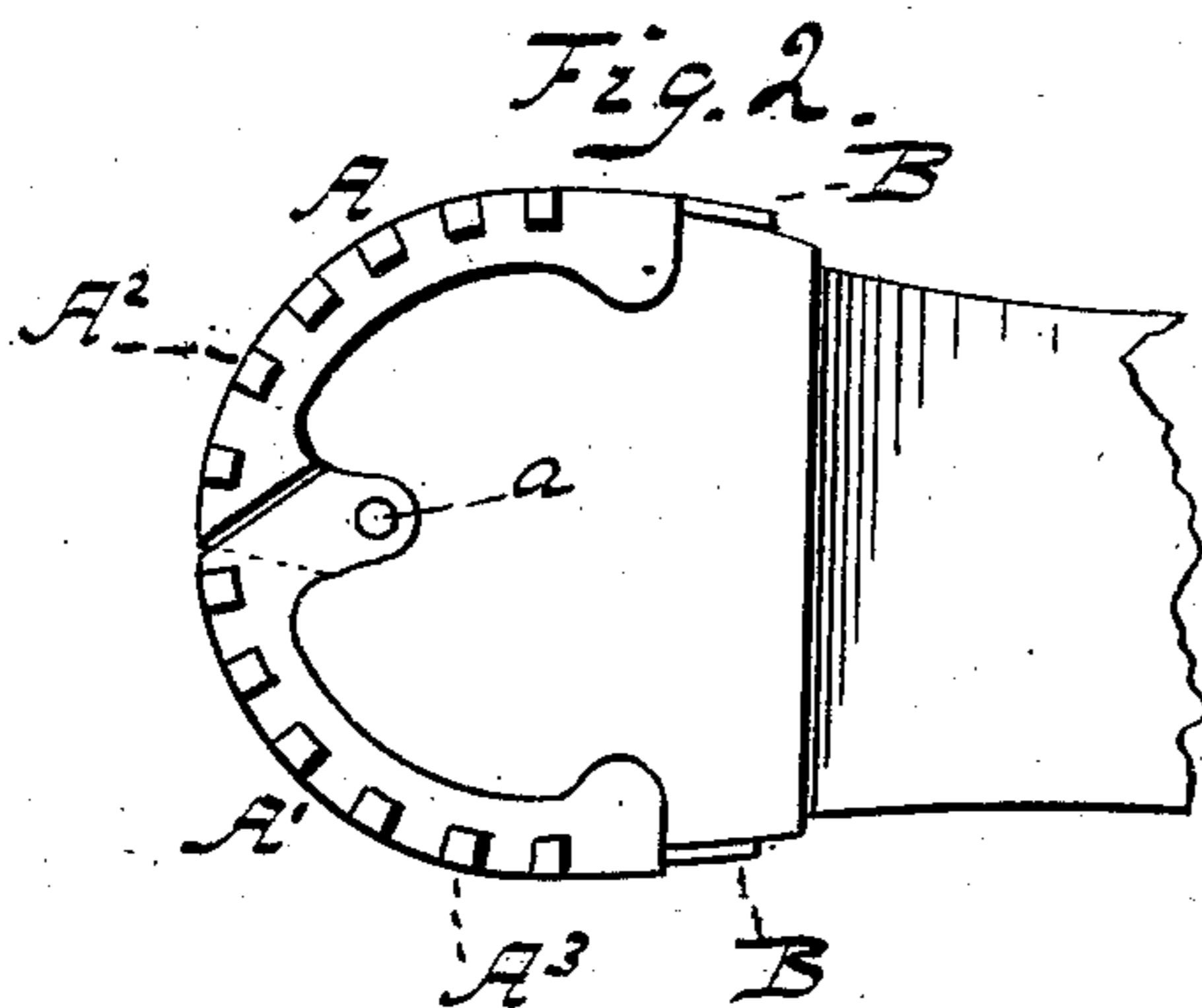
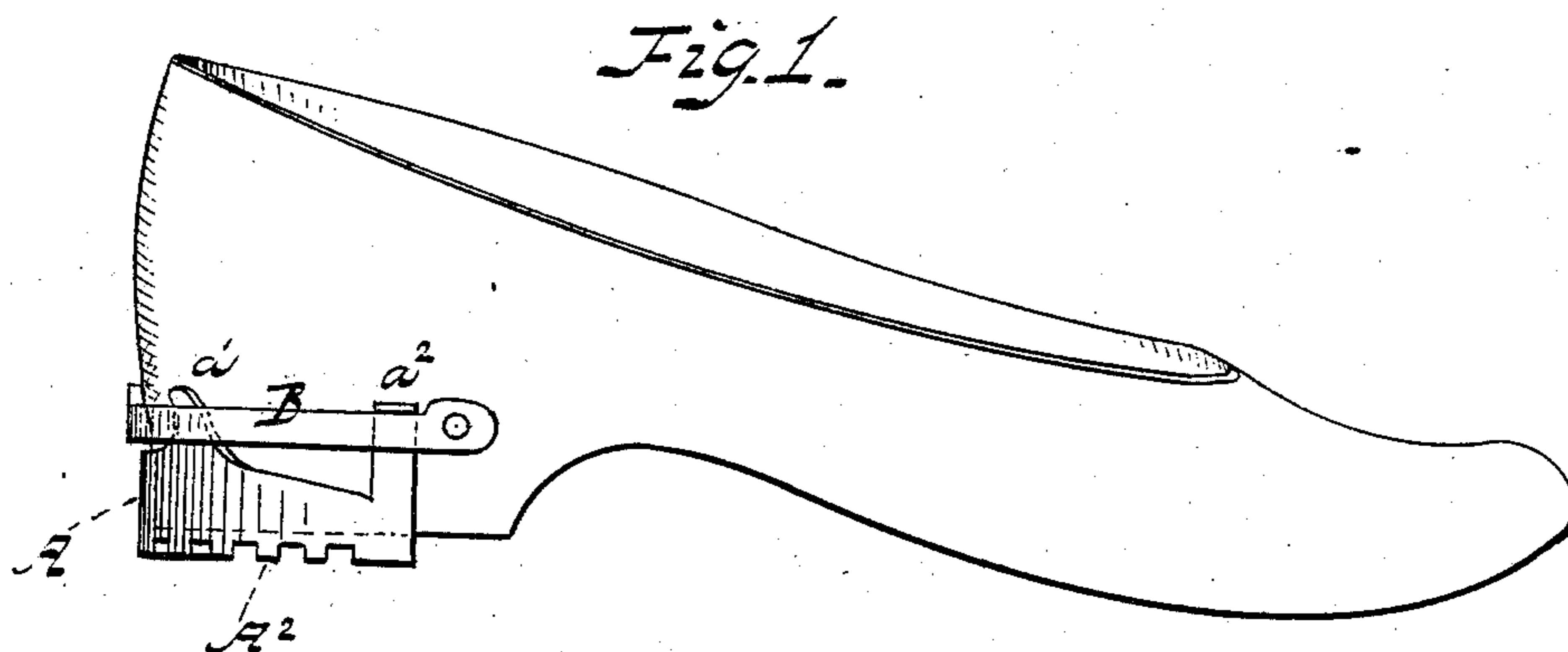
(No Model.)

H. W. ARNOLD.

HEEL PLATE FOR BOOTS AND SHOES.

No. 255,234.

Patented Mar. 21, 1882.



WITNESSES

W. F. Johnson.
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HEEL-PLATE FOR BOOTS AND SHOES.

SPECIFICATION forming part of Letters Patent No. 255,234, dated March 21, 1882.

Application filed October 29, 1881. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. ARNOLD, a citizen of the United States, residing at Utica, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Heel-Plates and Heel-Protectors; 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, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

This invention relates to heel-plates for shoes; and it consists in certain improvements in the construction of the same, as hereinafter shown and described. The device is well adapted to rubber overshoes, and may be applied to shoes of different sizes. The heel-plate or ice-creeper is made in two parts which are pivoted together and provided with vertical projections, by which, in connection with a strap or band secured to the shoe, the plate may be readily attached or detached.

In the accompanying drawings, Figure 1 is a side view of a shoe with my invention applied thereto. Fig. 2 is a bottom view of the same. Fig. 3 is a rear view. Fig. 4 represents a section of the heel-plate. Fig. 5 is a plan of the strap or band used in connection with the heel-plate.

In the drawings, A and A' designate the two sections of the heel plate or creeper having teeth or serrations A² A³, the two parts being pivoted together at a, so that the plate or creeper may be expanded or contracted, when desired, in adjusting it on the heel of a shoe. Each of the two sections is provided at its outer edge with upward projections or

tongues, these being indicated by a', a², a³, and a⁴ in the drawings. The said tongues are bent outward at their upper extremities, by means of which, in connection with a strap or band, the heel-plate is removably secured to the shoe.

B is the band or strap, which is fastened to the shoe at or above the heel with rivets, or by other suitable means, the band being of metal or other suitable material. The strap or band is generally made to partially encircle the heel, as shown; but it may be made to extend entirely around it.

In adjusting the heel-plate to the heel of a shoe the tongues a', a², a³, and a⁴ are passed upward under the strap B, or between the strap and the shoe, when the plate assumes its proper position on the heel, and the extremities of the tongues extending over the strap B hold the plate securely. When it is desired to remove the heel-plate from the shoe the tongues may be pressed slightly inward to release them from the strap, when the plate may be readily withdrawn downward, thus detaching it.

Having described my invention, I claim—

1. In combination with the hinged heel plate or creeper, constructed substantially as described, the strap B, substantially as set forth.

2. A removable heel-plate or ice-creeper having upward-projecting tongues on its edge, in combination with band B, the said tongues being constructed to be passed between the band B and the shoe, and to extend over the upper edge of the band, substantially as and for the purposes described.

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

HENRY W. ARNOLD.

Witnesses:

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