

I. J. BAZLEY.
HEEL SHAVER.

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1,031,036.

Patented July 2, 1912.

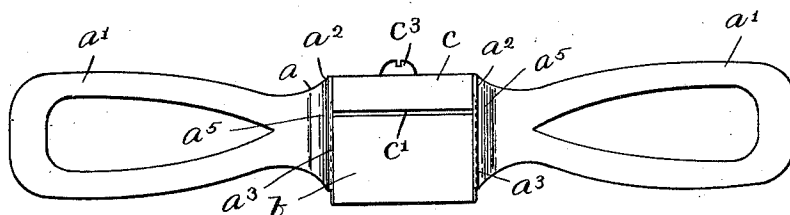
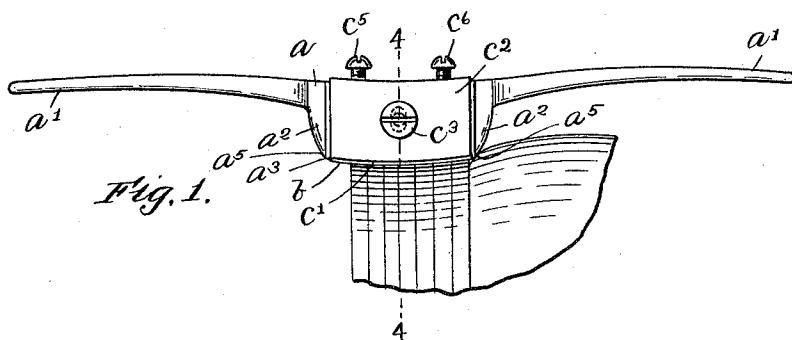


Fig. 2.

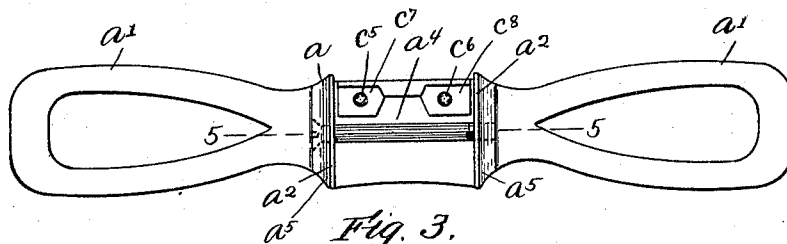


Fig. 3.

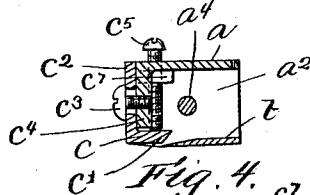


Fig. 4.

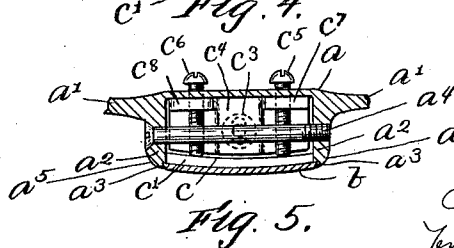


Fig. 5.

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UNITED STATES PATENT OFFICE.

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HEEL-SHAVER.

1,031,036.

Specification of Letters Patent.

Patented July 2, 1912.

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To all whom it may concern:

Be it known that I, ISAIAH J. BAZLEY, of Quincy, county of Norfolk, State of Massachusetts, have invented an Improvement in Heel-Shavers, of which the following is a specification.

This invention relates to heel-shavers, and has for one of its objects to provide a frame with engaging-means for the edges of the shaving-blade, whereby said blade may be detachably held by the frame, and the blade may be made as a plate, devoid of holes for fastenings or any other means for holding it.

Another object of the invention is to construct the frame which supports the blade in such manner that guards are provided at each end of the blade adapted to engage the upper of the boot or shoe adjacent the heel-crease, to thereby prevent the blade from engaging said upper and cutting or otherwise injuring it.

Figure 1 is a front elevation of a heel-shaver embodying this invention. Fig. 2 is an under side view of the device shown in Fig. 1. Fig. 3 is a bottom plan view of the frame, the shaving-blade and the blade-guard being removed. Fig. 4 is a vertical section of the device, taken on the dotted line 4—4, Fig. 1. Fig. 5 is a longitudinal section taken on the dotted line 5—5, Fig. 3.

a represents the body of the frame, and a' , a' , the hand-pieces extending from said body in opposite ways. The body a is formed with two downwardly extended ears a^2 , a^2 , made as opposites, and extended transversely from side to side of the frame, thereby forming between them a recess for the shaving-blade b and blade-guard c . The inner faces of said ears are each provided with a groove a^3 , at its extremity, extending from side to side, and said grooves receive the opposite ends of the blade. The blade is made as a plate, having its side edges beveled to enter the grooves a^3 in the ears. The blade is caused to enter the grooves by a sliding movement, or otherwise, and then the ears are drawn toward each other to thereby clamp the blade between them. A screw a^4 , passing through one of said ears, and entering a screw-threaded hole in the other ear, may be employed as the means of drawing the ears toward each other to clamp the blade firmly

between them. To permit the ears to be thus drawn together the body of the frame is slightly sprung. The invention, however, is not limited to the particular means here shown for drawing the ears toward each other, although the means shown is very simple and effective.

The outer sides of the ears, at the extremities thereof, are beveled, as at a^5 , in opposite ways, and the beveled face of one of the ears will be brought into engagement with the upper of the boot or shoe when the device is in operation, so that either ear will act as a guard to prevent the blade from engaging said upper and cutting or otherwise injuring it. The blade b is curved transversely, or in lieu thereof it may be made of any desired shape according to the work to be done by it. The guard c consists of an engaging-portion c' , curved or otherwise shaped to correspond to the shape of the blade, and a downwardly extended shank c^2 . It is secured to the frame in front of the cutting-edge of the blade and is made adjustable. As here shown, its shank has a slot through which a screw c^3 passes, which enters or extends through an ear c^4 formed on the under side of the body of the frame, and screws c^5 , c^6 , extend through said body which engage the under side of the engaging-portion c' , and serve to support the opposite ends of the guard, to prevent it from rocking on its holding-screw c^3 , and to adjust it to the thickness of the shaving required.

The under side of the body a has bosses c^7 , c^8 , which furnish a good and sufficient support for the screws c^5 , c^6 , but said bosses do not extend to the ears a^2 , a^3 , so that spaces are left between said bosses and the ears to admit of the frame being sprung when drawing the ears toward each other.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:—

A heel-shaver consisting of a spring-acting body having hand-pieces provided with downwardly extended ears, a blade adapted to be engaged by said ears, means for drawing said ears toward each other to clamp the blade between them, said body having a downwardly extended guard-support separated from the ears, a blade-guard ar-

ranged between said ears, and means for clamping said guard to its support, and adjusting-screws arranged in the body and engaging said guard for adjusting said guard
5 relatively to the blade, substantially as described.

In testimony whereof, I have signed my

name to this specification, in the presence of two subscribing witnesses.

ISAIAH J. BAZLEY.

Witnesses:

B. J. NOYES,
H. B. DAVIS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."