

No. 613,862.

Patented Nov. 8, 1898.

J. J. KINZER, JR.
LAST SUPPORT.

(Application filed Apr. 27, 1897.)

(No Model.)

FIG. 1.

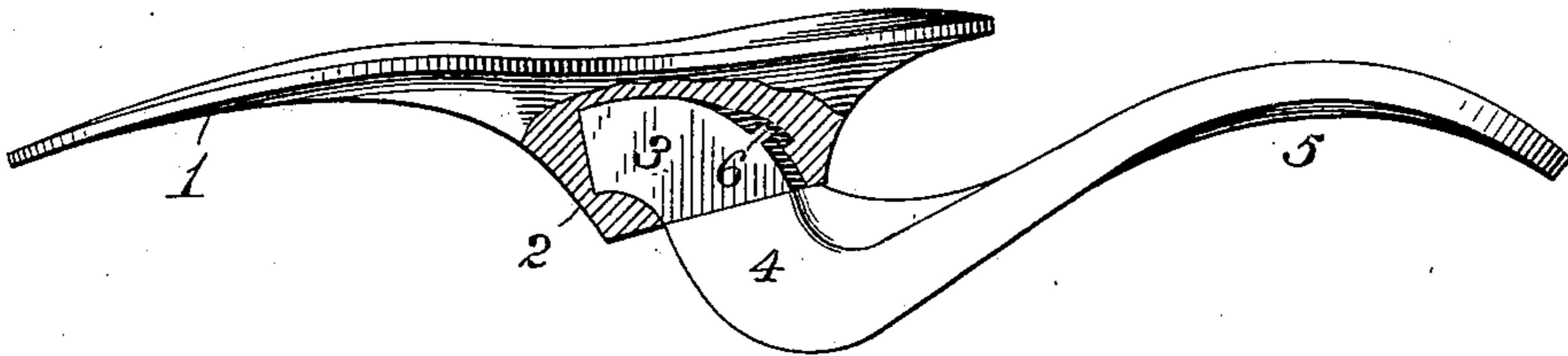


FIG. 2.

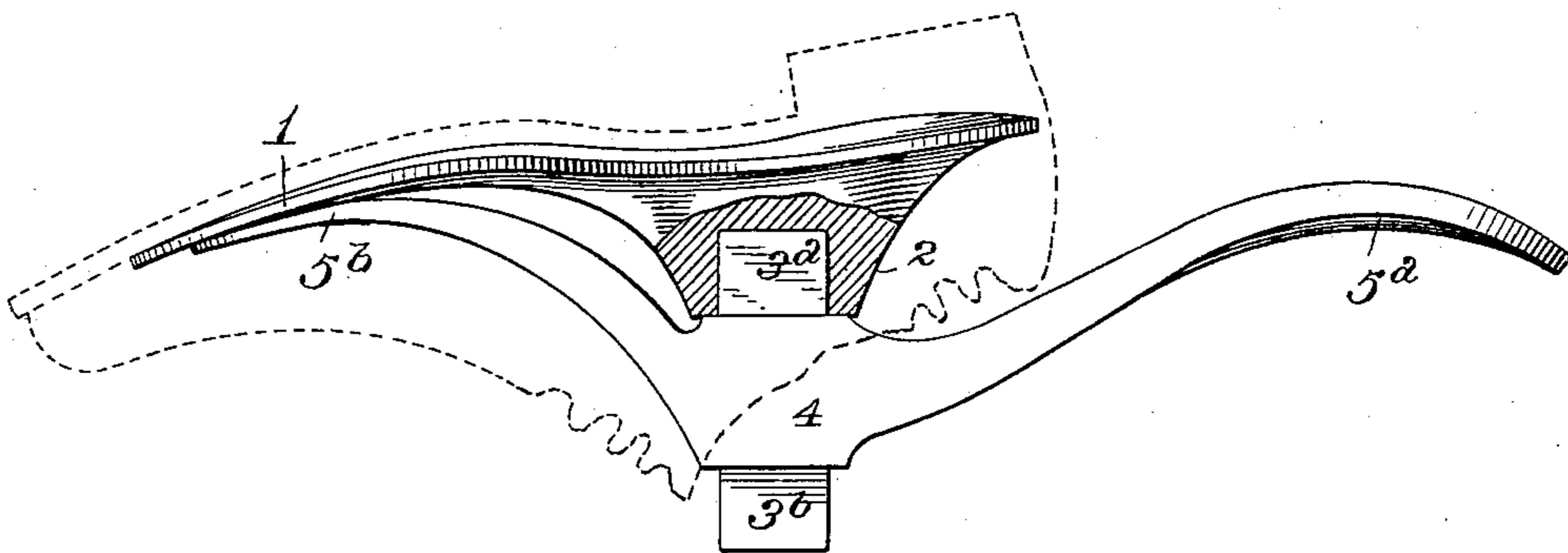
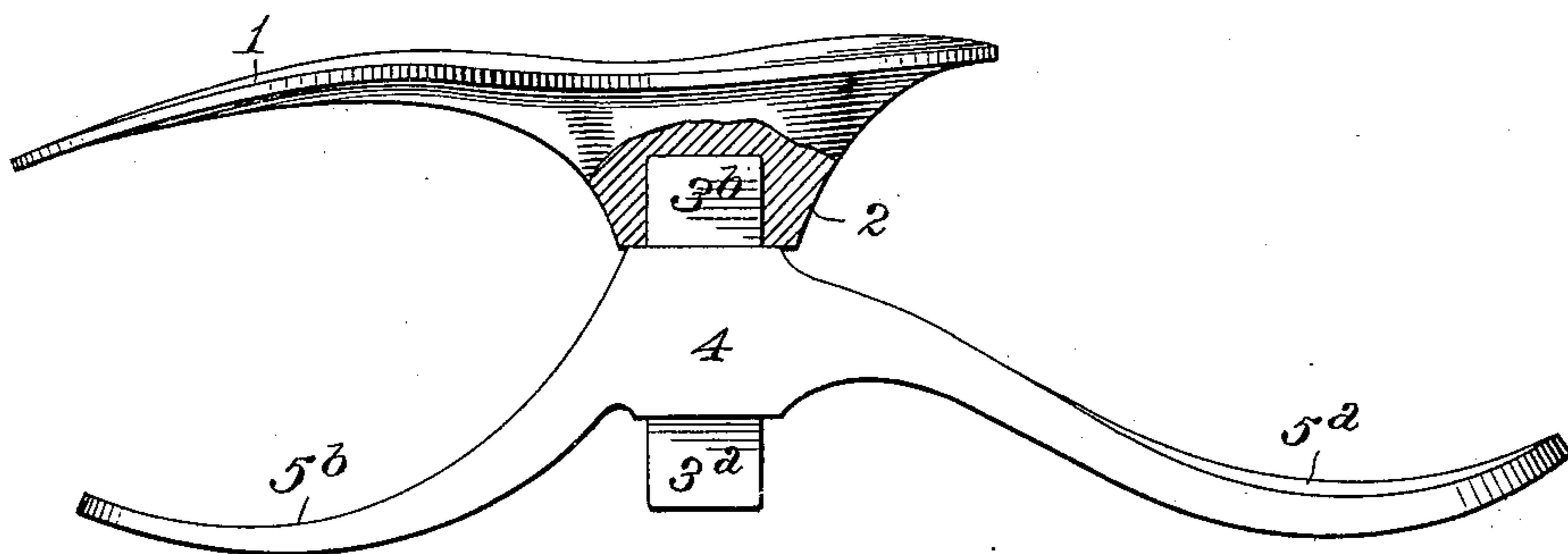


FIG. 3.



WITNESSES:

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INVENTOR.

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Att'y.

UNITED STATES PATENT OFFICE.

JOHN J. KINZER, JR., OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO THE
KINZER & JONES MANUFACTURING COMPANY, OF SAME PLACE.

LAST-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 613,862, dated November 8, 1898.

Application filed April 27, 1897. Serial No. 634,089. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. KINZER, Jr., a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented or discovered certain new and useful Improvements in Last-Supports, of which improvements the following is a specification.

The invention described herein relates to certain improvements in lap-supports for lasts, and particularly for that class or kind known as "mending-lasts," which are usually made of iron. These lasts are usually constructed so as to be supported upon posts or standards, or when used for laps are similarly shaped at both ends, so as to afford a broad bearing for each of the knees of the shoemaker. The latter kind are difficult of use, on account of their shape, in repairing the heels of shoes and also on account of the liability of bending the counter of the shoe when placed upon the knee.

The object of the present invention is to provide a support for the usual form of last, so that an ample support therefor is provided for both knees, and the last is so supported that the heel portion stands at a suitable distance above the support, so that there is no liability of injuring the shoe-counter.

The invention is hereinafter more fully described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a view in side elevation of my improved support, showing the last in position thereon, a portion of the last being broken away to show the lock between it and the support. Fig. 2 is a similar view of a double support, and Fig. 3 is a view showing the double support reversed, so as to raise the last farther from the support.

In the practice of my invention the last 1 is constructed, as regards general outlines, of the usual shape and contour. It is provided on its under side with a boss 2, having a curved recess formed therein for the correspondingly-shaped tongue 3 on the head 4 of the support. The support is provided with a broad curved portion 5, adapted to fit on the

knee of the shoemaker, the curvature thereof being continued down toward the inner end of the support, which is oppositely curved, so as to raise the last a considerable distance above the support.

It will be observed that when the tongue 3 of the support is in engagement with the socket and the support and last are resting upon the knees of the operator the two will be securely locked together, and that any pressure brought upon the shoe, especially at the heel portion, will tend to lock the two parts more firmly together.

In order to provide for the removal of the last from the shoe, the socket is made somewhat larger than the tongue 3, allowing the latter a little play, and the socket has its rear wall slightly recessed for the reception of a projection 6 on the tongue. By drawing back the support so that the projection 6 will engage the recess in the wall of the socket the heel of the last may be raised sufficiently far to permit of the withdrawal of the last from the shoe.

In the construction shown in Figs. 2 and 3 the support is provided with two bearing portions 5^a and 5^b, suitably constructed to form broad curved bearings for the knee of the operator. These bearing portions 5^a and 5^b curve downwardly toward the head 4, which is provided on one or both sides with tongues 3^a and 3^b, adapted to fit in sockets formed in the bosses of the last 1. This double support can be used in either position, as shown in Figs. 2 and 3. In one position the portion 5^b is placed within the shoe and the outer portion of the last rests thereon; but when reversed, so that their convex portions will rest upon the knee of the shoemaker, the shoe is placed upon the last in the usual manner.

It will be readily understood that the form or construction of last usually used in connection with a post or standard can be used in connection with a double support.

I claim herein as my invention—

1. The combination of a shoe-last having a concave portion adapted to fit one knee of the operator and provided with a socket and a last-support having a concave seat adapted to

fit the other knee of the operator, and provided with a tongue adapted to engage the socket in the last, substantially as set forth.

2. The combination of a last-support having a tongue and having the portions on opposite sides of the tongue formed concavo-convex, the concaves forming seats for the knees of the operator, and a shoe-last having a concave portion for the reception of one of
5 the convex portions of the support, and pro-
10

vided with a socket for the reception of the tongue on the support, substantially as set forth.

In testimony whereof I have hereunto set my hand.

JNO. J. KINZER, JR.

Witnesses:

DARWIN S. WOLCOTT,
F. E. GAITHER.