

(Model.)

S. A. NOLEN.
Boot and Shoe Heel.

No. 237,995.

Patented Feb. 22, 1881.

Fig. 1.

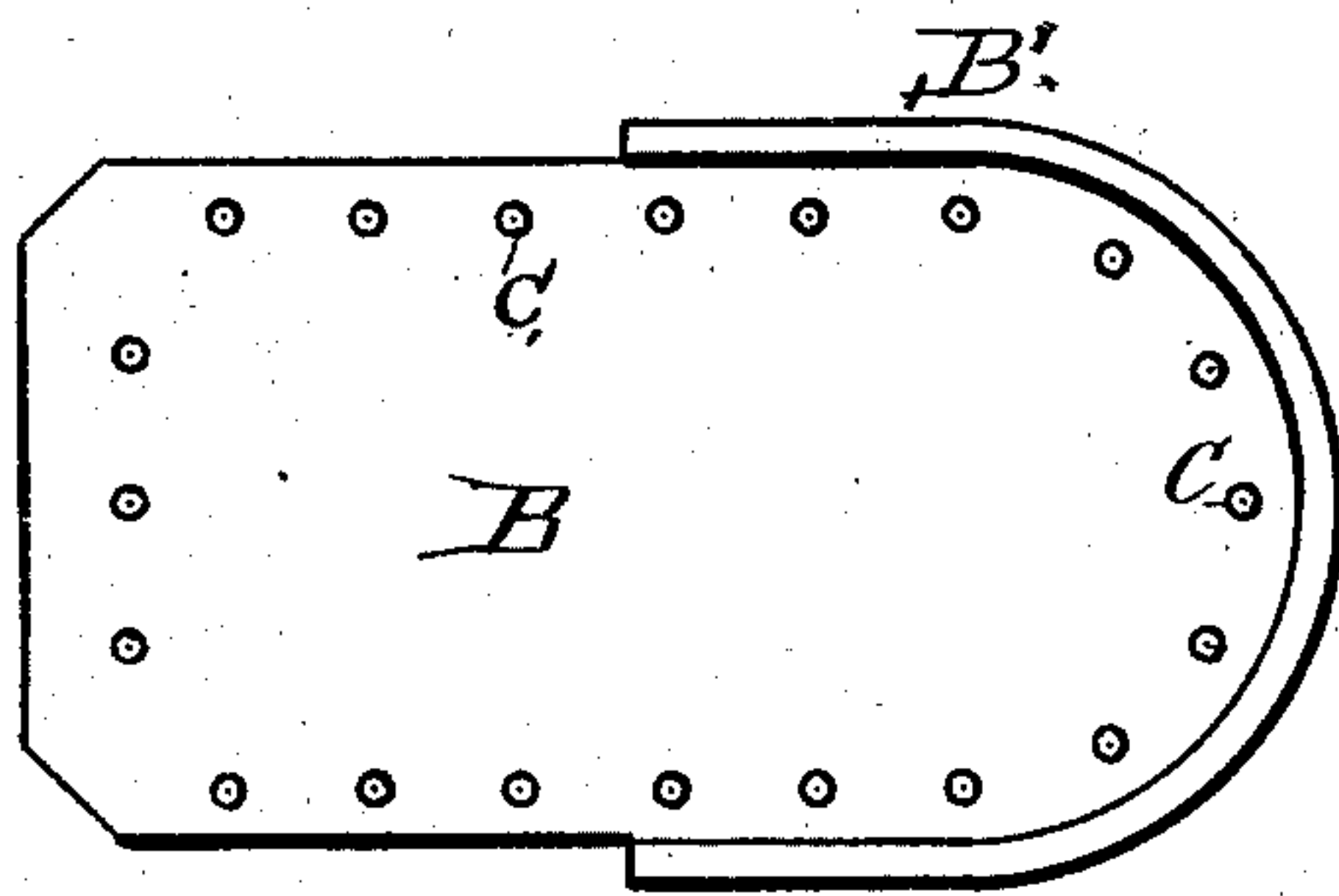
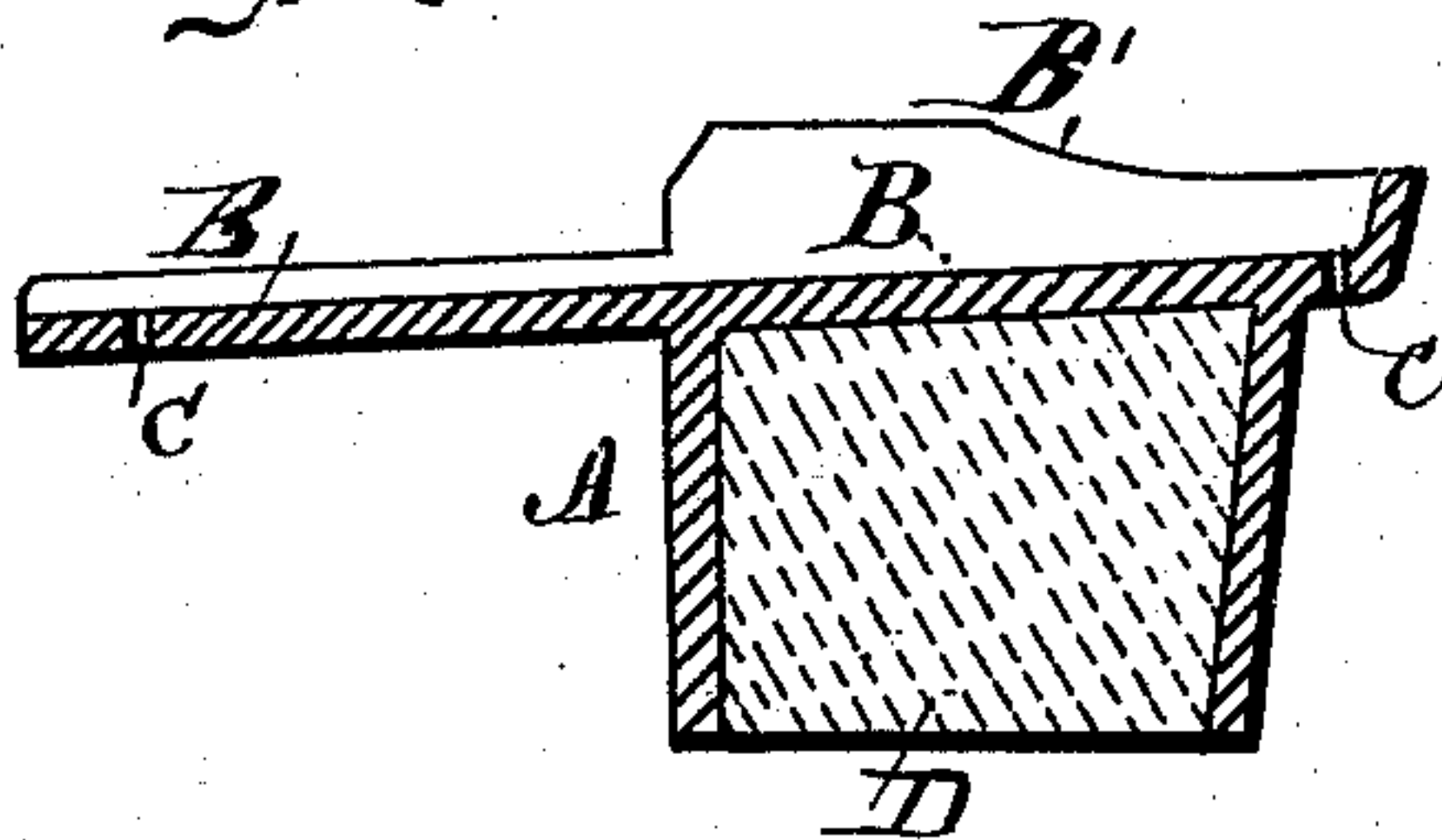


Fig. 2.

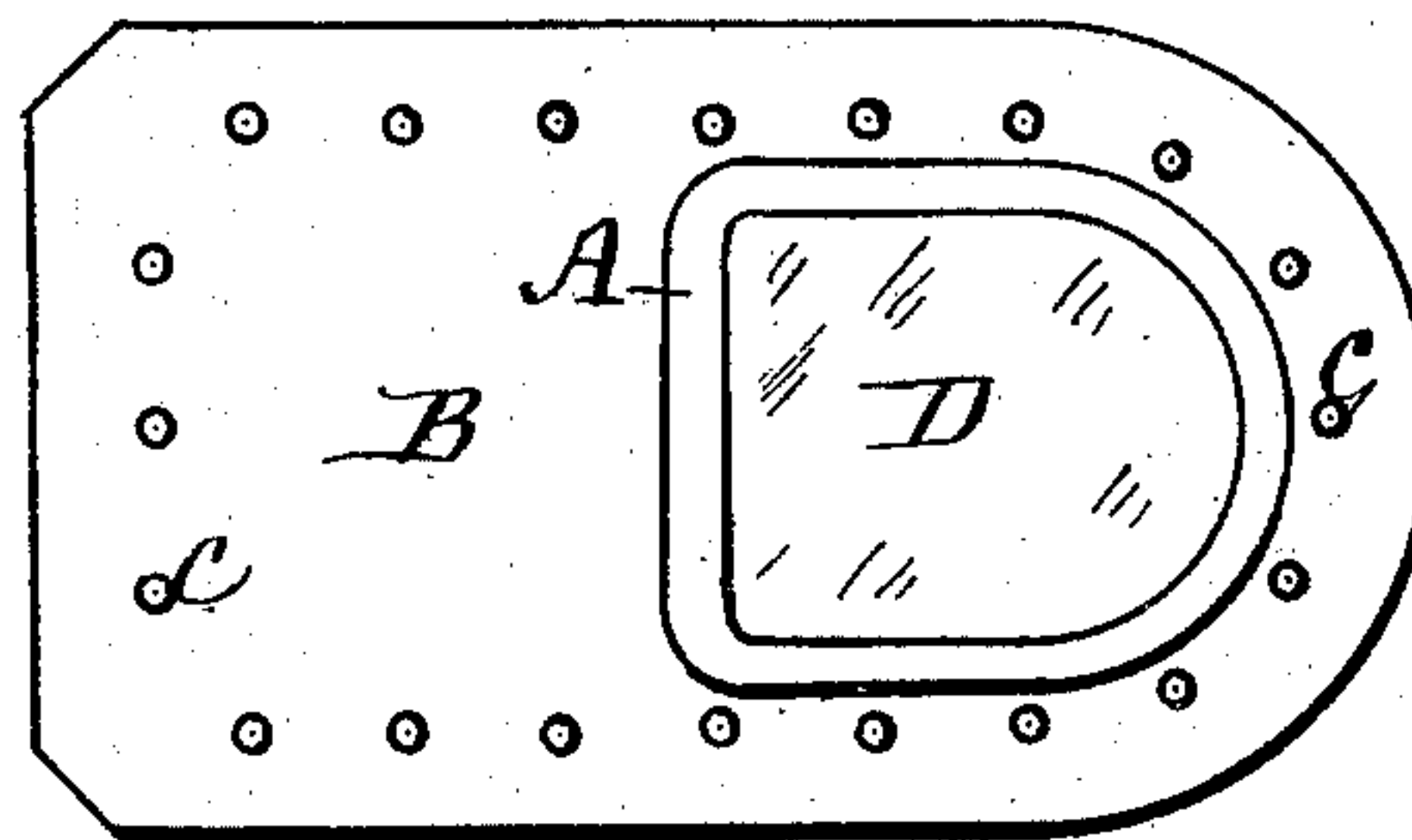


Fig. 3.

Witnesses:

E. H. Bates

E. H. Bradford

Inventor:

S. A. Nolen

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UNITED STATES PATENT OFFICE.

STEPHEN A. NOLEN, OF SEARCY, ARKANSAS.

BOOT AND SHOE HEEL.

SPECIFICATION forming part of Letters Patent No. 237,995, dated February 22, 1881.

Application filed March 25, 1880. (Model.)

To all whom it may concern:

Be it known that I, STEPHEN A. NOLEN, of Searcy, in the county of White and State of Arkansas, have invented certain new and useful Improvements in Boot and Shoe Heels; 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 letters of reference marked thereon, which form a part of this specification.

This invention relates to certain improvements in heels for boots and shoes, and it has for its object to provide a heel which will be very durable, which may be readily and securely attached to the sole, and be light and ornamental in appearance, and comfortable to the tread. These objects I attain by the device illustrated in the accompanying drawings, in which—

Figure 1 represents a vertical sectional view of my invention; Fig. 2, a top view, and Fig. 3 a bottom view of the same.

Heretofore metallic boot-heels have been made of a hollow shell open at the top and bottom, and provided with a projecting flange around the upper portion thereof, having perforations through which nails or other fastenings can pass to secure said heels to the soles. Other metallic heels have been made with a shank to extend either under or above the sole of a boot a sufficient distance to give stability to the heel when secured thereto, the rear fastenings in this case entering the sole from the interior of the heel, and a face or bottom plate is generally used to cover the latter. Metallic heels have also been provided with a uniformly-projecting flange around their top.

My invention is designed to combine the advantages that may be found in each of the above-mentioned heels and overcome certain defects; and it consists in combining, in a single piece of metal, a shell open at the bottom and forming the heel proper, and a shank of sufficient length to give stability for its fastenings. Each shank extending over the top of

the shell of the heel is provided with a series of holes in the outside and rear of said shell, and a flange tapering in height toward the rear, in combination with a cork filling, as will be hereinafter described.

In the drawings, A indicates the shell of the heel, and B the top plate thereof. This plate extends forward of the heel a length at least, equal to the tread of the heel to divide the weight of the wearer upon a large surface of the sole and relieve the fastenings of strain when the forward portion of the heel strikes an obstruction on the ground. This plate extends so as to overhang the heel at the back thereof to permit the counter of the boot to be well united to the heel, close to the lower bend of the former, the overhanging portion having a series of holes, C, for the passage of the nails or other desired fastenings. This top plate, B, is also formed with a flange, B', higher at the sides than at the rear, to give additional support to the sides of the counter and prevent the boot from turning on one side and wearing unevenly. The shell of the heel is slightly tapering, and within it is placed a solid piece of cork, D, by means of which noise is prevented when the heel falls upon the ground. It also prevents the introduction and retention of clay or mud within the shell and renders it more pleasant to the wearer.

Having thus described my invention I claim—

A boot-heel composed of a hollow shell, A, having a top plate, B, forming a shank for the same, extended forward a distance at least equal to the tread of said heel, and overhanging the same in the rear, with perforations C in said overhanging portion, and a flange, B', higher at the sides than at the rear, the hollow shell A being provided with a cork filling, D, substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 6th day of March, 1880.

STEPHEN A. NOLEN.

Witnesses:

ALEXANDER M. FOSTER,
THOS. C. JONES.