

(No Model.)

N. WARD.  
SHOE.

No. 396,787.

Patented Jan. 29, 1889.

Fig 1

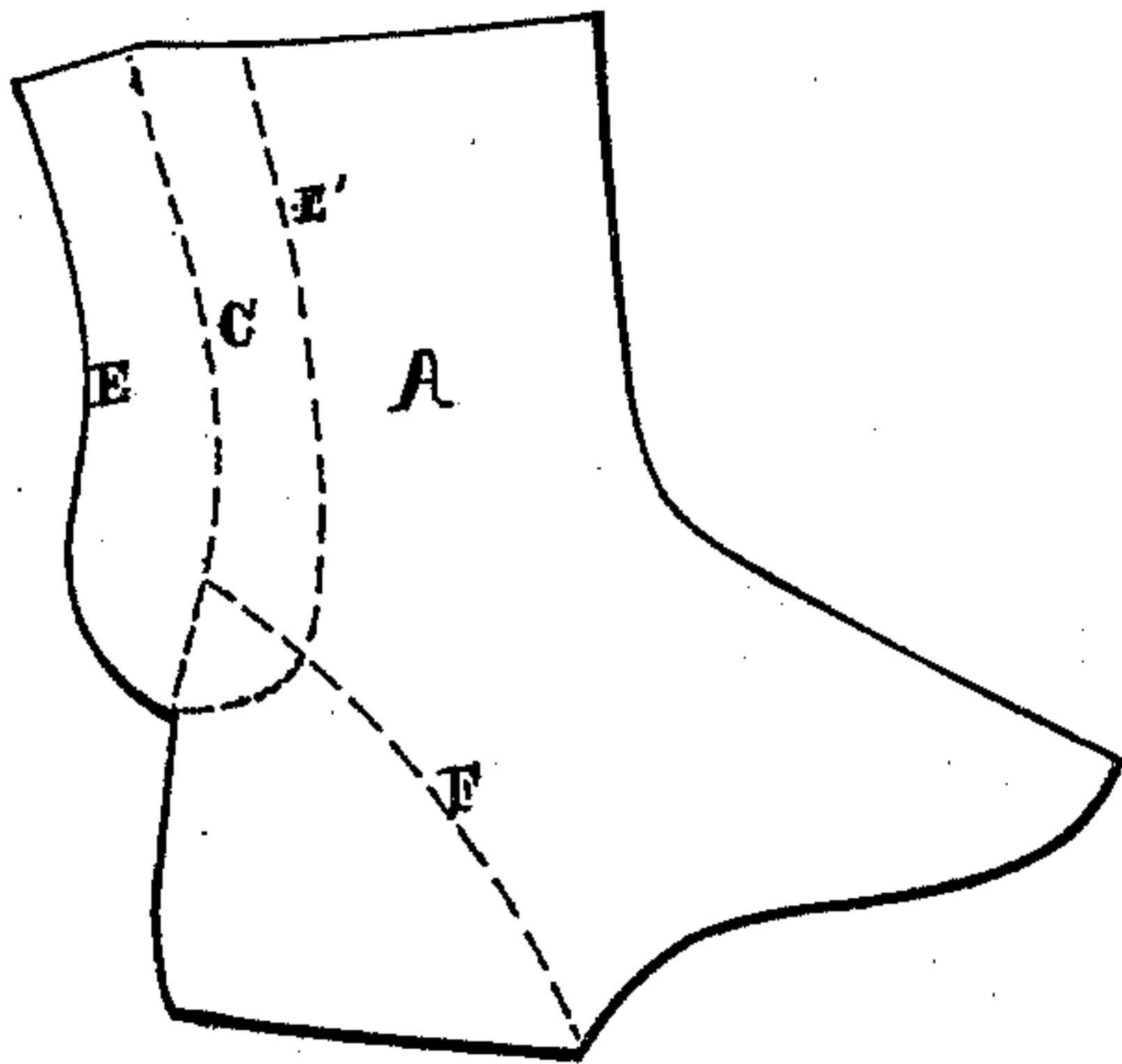


Fig 2

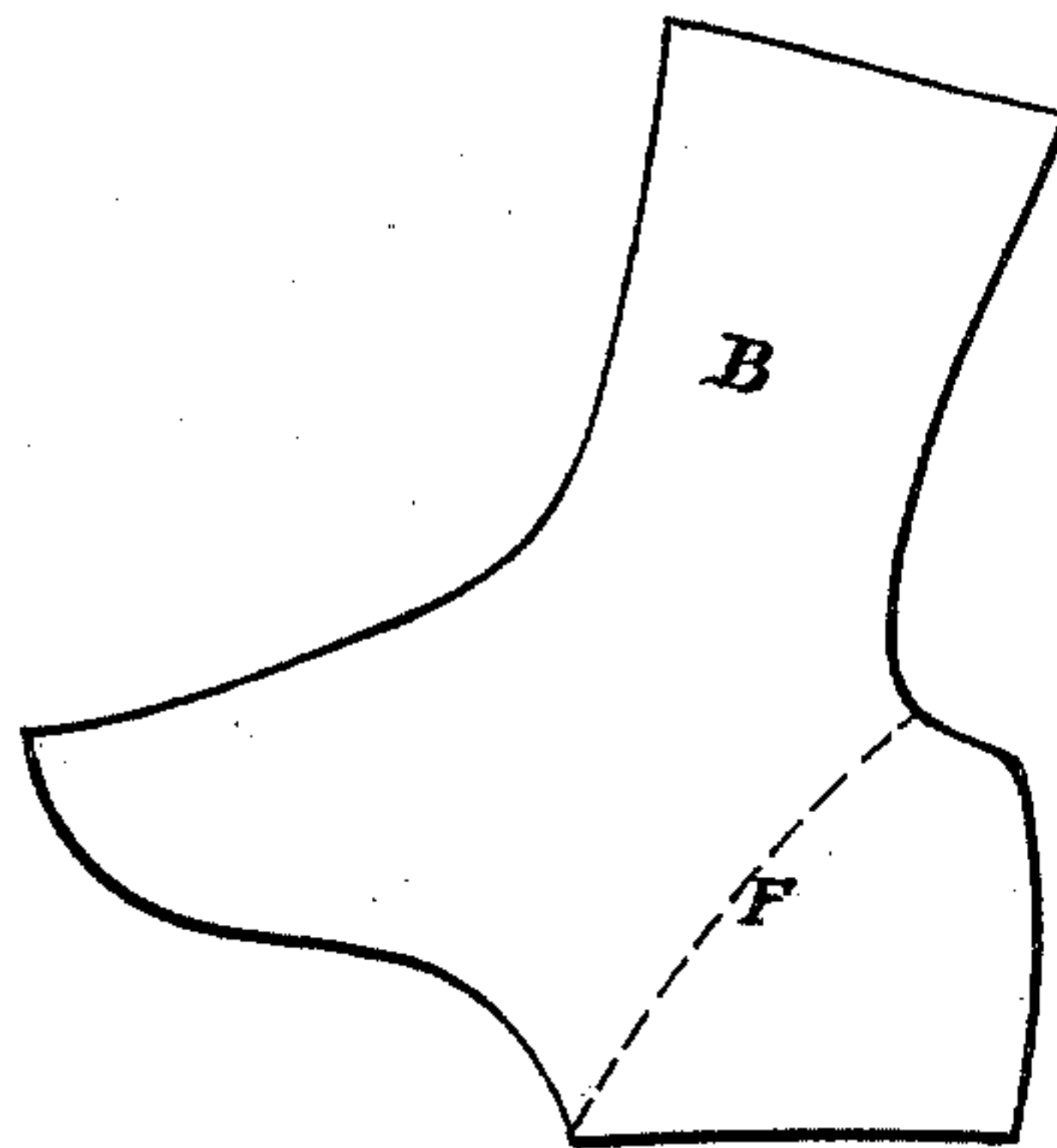
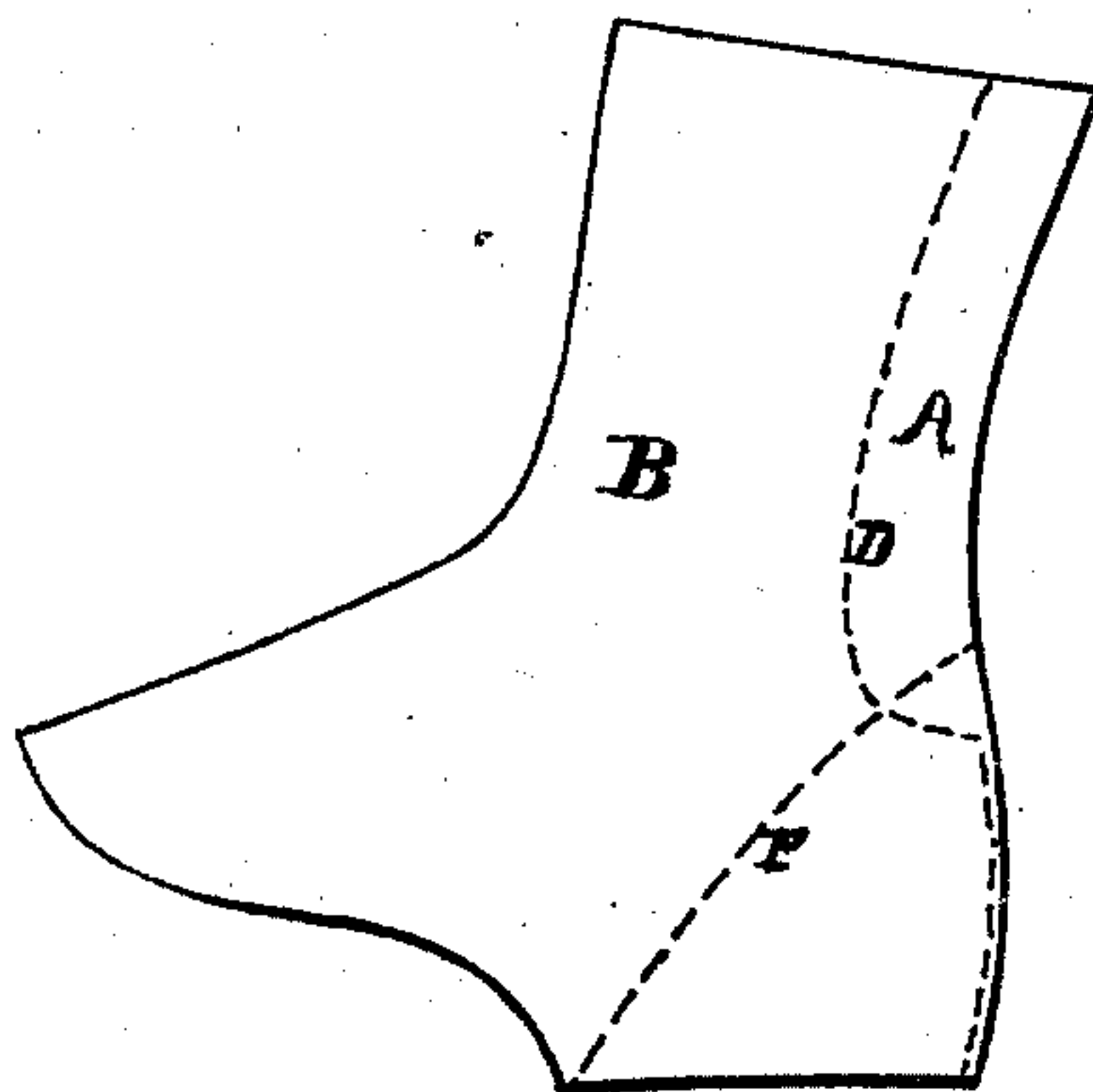


Fig 3



Witnesses  
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# UNITED STATES PATENT OFFICE.

NARRIS WARD, OF LENA, ILLINOIS.

## SHOE.

SPECIFICATION forming part of Letters Patent No. 396,787, dated January 29, 1889.

Application filed February 2, 1888. Serial No. 262,797. (No model.)

*To all whom it may concern:*

Be it known that I, NARRIS WARD, a citizen of the United States, and a resident of the town of Lena, in the county of Stephenson and State of Illinois, have invented a new and useful Improvement in Shoes, of which the following is a full and true specification.

My invention consists in an improvement in shoes in which the quarters of the shoe are cut so that when united and the shoe completed the seam which unites the quarters of the vamp at the back part of the ankle does not come in the line of the center of the back of the ankle, but a little to one side of the center, so that the material of which the shoe is made is pliable and readily yields on the line of the ankle above the counter to the motion of the ankle when the toe of the shoe is bent upward or downward in walking. I attain this desirable object by the form in which the quarters of the vamp are cut and united, as illustrated in the accompanying drawings, in which—

Figure 1 is a side view of one of the quarters—to wit, the right quarter of the right shoe. Fig. 2 is a side view of the second quarter—i. e., the left quarter of the right shoe. Fig. 3 is an upright view of the left side of the quarter of the right shoe after the two quarters A and B have been united, showing the position of the seam D, which unites the quarters.

Similar letters refer to similar parts in the several views.

The right or outward quarter of the right shoe is cut in the form of A, Fig. 1, of any suitable material out of which it is desired to make the vamp or upper part of the shoe. The left or inward quarter of the right shoe is cut in the form of B, Fig. 2. The right quarter is then doubled over on the dotted line C, Fig. 1, so that the outer line, E, corresponds with the dotted line E', and the quarters sewed together; and when the quarters are thus united they form the rear part or quarters of the vamp, having the seam which unites the quarters from a point below the top of the counter to the top of the shoe a little to the left or on the inward side of the center line of the ankle, as shown at D, Fig.

3, the dotted line F showing the top line of the counter.

A shoe thus manufactured readily yields to the upward and downward motion of the ankle in walking and obviates the tendency of the seam which unites the quarters to break or rip above the counter. The position of the seam from the point where the vamp and sole unite at the rear of the heel for about two-thirds of the height of the counter is in the center of the back part of the heel. At about two-thirds of the height of the counter the seam in the right shoe bends to the left a short distance, as shown by the dotted line D, Fig. 3, then upward in the direction of the dotted line D to the top of the shoe. In addition to the outer material used in the vamp, I provide a lining (when lining is desired) in similar shape and form to the outer material, as described in the foregoing, with this difference, that the lining of the left quarter of the right shoe is cut in the form of A, Fig. 1, and the lining of the right quarter in the form of B, Fig. 2, so that when the linings of the two quarters are united and joined with the material of the vamp the seam which unites the quarters of the vamp and the seam which unites the linings (except at the lower part of the counter) do not correspond, but fall on opposite sides of the center line of the ankle, thus avoiding a bungling of the two seams by their coming together.

The quarters of my shoes are cut in pairs. After cutting the quarters of the right shoe, as above described, the patterns are turned over and the left quarter of the left shoe is cut in the form of A, Fig. 1, the right quarter of the left shoe being cut in the form of B, Fig. 2. When these quarters are united, it brings the seam which unites the quarters above the center of the counter of the left shoe on the right side of the center of the ankle and toward the inner side of the foot. The lining of the right quarter of the left shoe is cut in the shape of A, Fig. 1, and the lining of the left quarter of the left shoe in the form of B, Fig. 2.

A pair of shoes manufactured in this way will have the seam which unites the outer quarters on the inward side of the ankles.

What I claim to be new, and desire to secure by Letters Patent, is—

A shoe having the quarters in two sections, A and B, substantially as described, A being  
5 provided above the counter with an extension, C, and B cut away to correspond with the extension C, so that when the shoe is com-

pleted the seam which unites the quarters above the counter falls on the inner side of the center of the heel.

NARRIS WARD.

In presence of—

HOMER M. DODDS,  
WILLIAM GALBRAITH.

At  
test  
Secretary