

(No Model.)

C. WURTELE.
SHOE.

No. 417,460.

Patented Dec. 17, 1889.

Fig. 1.

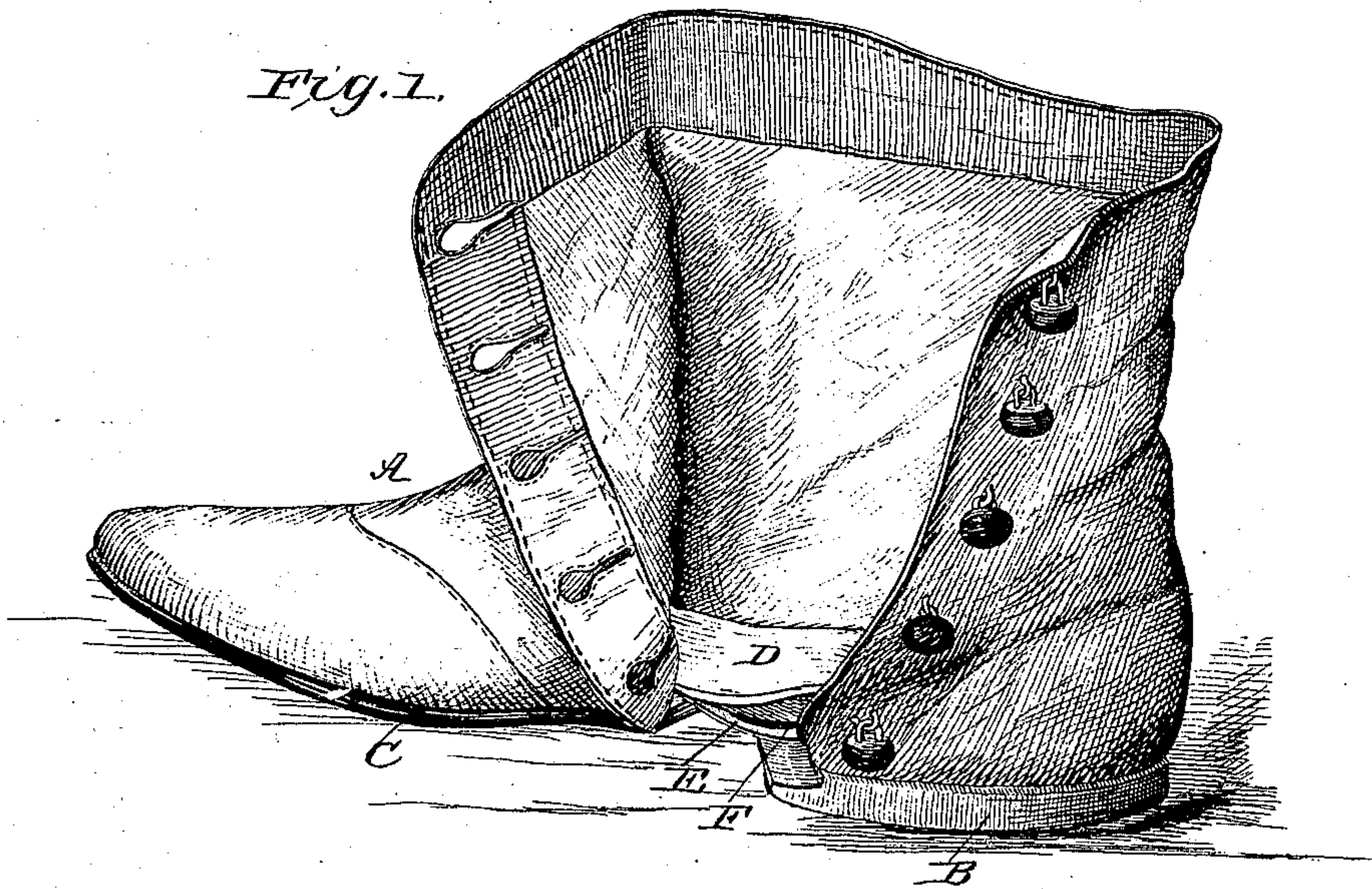


Fig. 2.

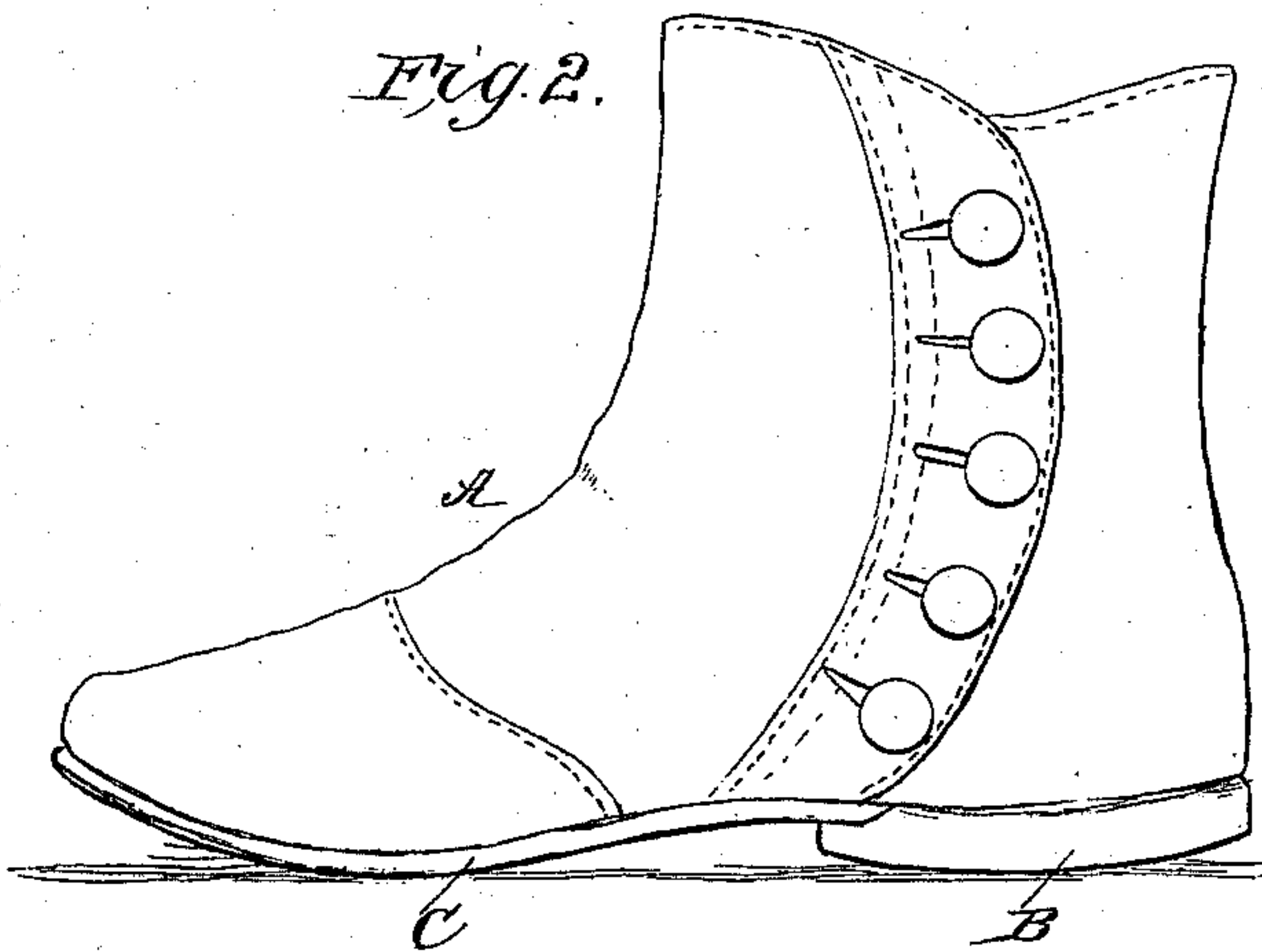


Fig. 3.

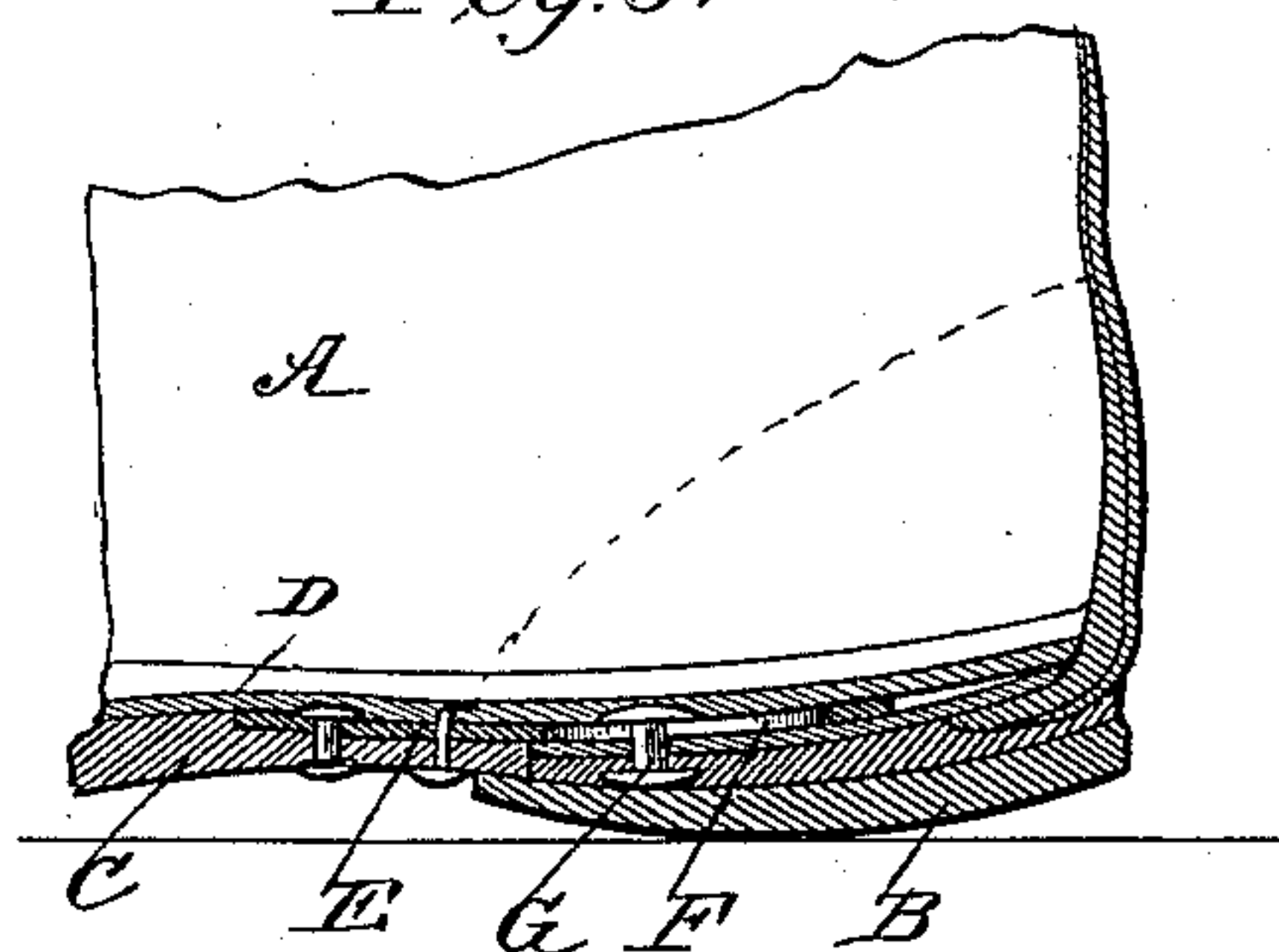
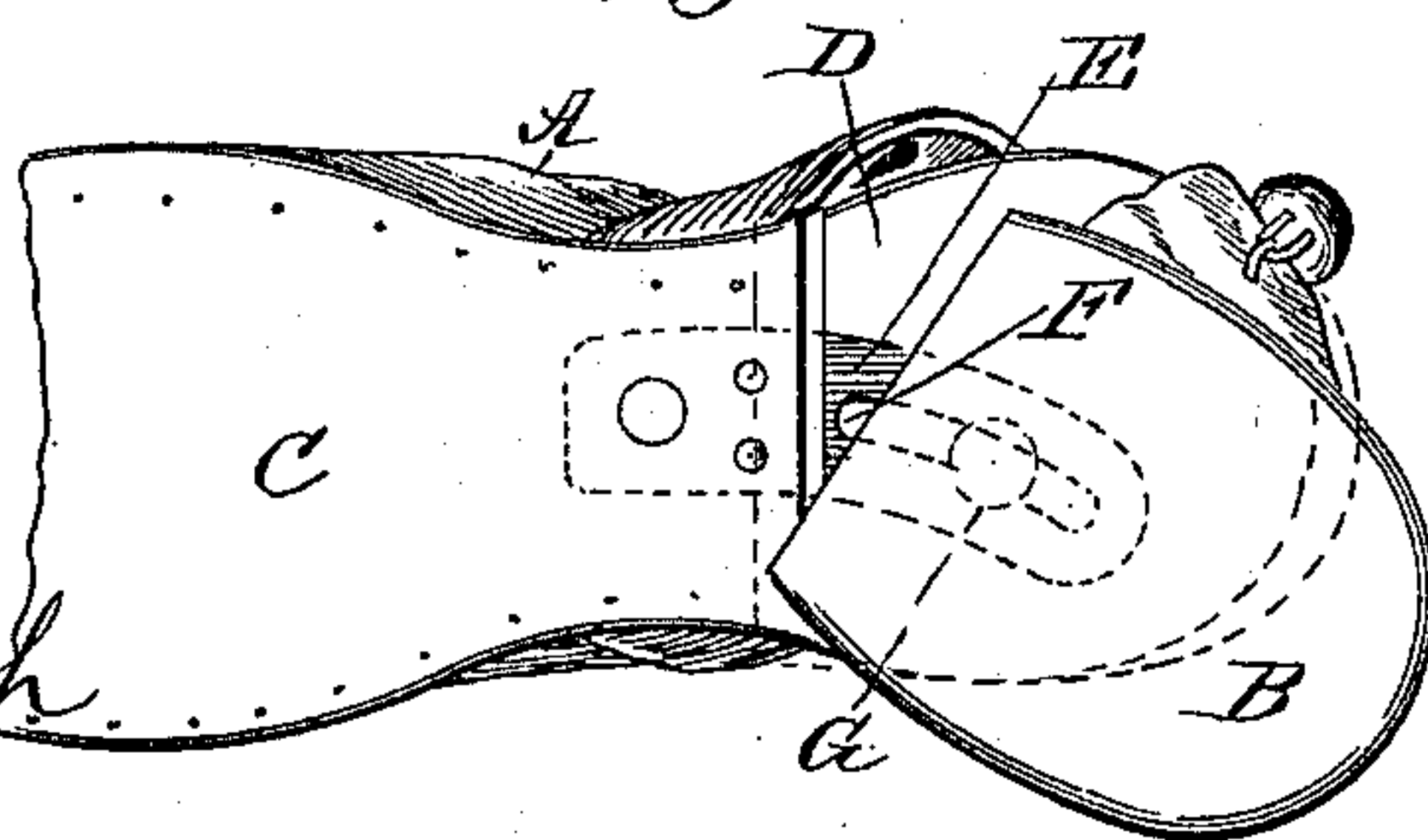


Fig. 4.



WITNESSES:

Fred G. Dieterich

Joe A. Ryan

INVENTOR

Christian Wurtele

BY

Wm. L. Co.

ATTORNEY

UNITED STATES PATENT OFFICE.

CHRISTIAN WURTELE, OF ST. JOSEPH, MISSOURI.

SHOE.

SPECIFICATION forming part of Letters Patent No. 417,460, dated December 17, 1889.

Application filed August 2, 1889. Serial No. 319,576. (No model.)

To all whom it may concern:

Be it known that I, CHRISTIAN WURTELE, residing at St. Joseph, in the county of Buchanan and State of Missouri, have invented
5 certain new and useful Improvements in Shoes, of which the following is a specification, reference being had to the accompanying drawings, forming part thereof, in which—

Figure 1 is a perspective view of my shoe
10 opened. Fig. 2 is a side view of same closed. Fig. 3 is a longitudinal section of the heel portion. Fig. 4 is a bottom view of the same with the heel thrown back.

The invention consists in the construction
15 and arrangement of parts, as will be herein-after fully described and claimed.

A represents a shoe, the outer sole of which is divided transversely on the inner line of the heel B. The inner edge of the heel overlaps the inner edge of the sole C, and the upper is divided at one side in line with the meeting edges of the heel and sole, the overlapping edges of the upper being provided with buttons and button-holes or other suitable fastenings to secure said edges together
25 and to prevent outward movement of the heel, the free edge of which is at this point. The closed opposite side of the shoe forms the hinge of the heel. D is the inner sole, the heel portion of which extends over the joint
30 between the outer sole and heel, so that no unevenness will be formed to cause discomfort. The forward portion of the inner sole is secured, as usual, to the shoe; but its heel portion is not attached to the heel, so that the latter is free to swing, as before stated. In order that the movement of the heel may be limited, I secure to the sole between its upper side and the lower side of the inner sole a
40 shank E, provided with a curved slot F, a pin or rivet G passing through said slot into the heel.

A shoe thus constructed may be readily applied, and this will be readily appreciated by
45 those who have had experience in putting on children's shoes for them, for the child renders no assistance whatever in the operation and its attempts would act just the reverse of

the intention. Moreover, children can put on these shoes themselves with greater ease than
50 those at present used.

It will be understood that adults' shoes may be made in the same way, especially shoes intended for invalids or where artificial feet are to be incased.
55

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

1. As an improved article of manufacture, a shoe provided with a vertically-extending side
60 opening in one side and having its opposite side closed, and a transversely-divided sole, the parts of which are hinged together at one end of their meeting edges by the closed side of the upper and registering at the opposite
65 ends of their meeting edges with the lower end of the side opening, whereby the heel part of the upper and the part of the sole carried thereby may be swung laterally away from the opposing parts of the shoe, substantially as set forth.
70

2. As an improved article of manufacture, a shoe having an opening in one side only of its upper at the heel portion and a sole divided transversely at the heel portion, the closed
75 side of the upper forming a hinge to permit the heel part to swing laterally with the attached portion of the upper, and an insole secured to the forward part of the sole and crossing the joint between the two sections,
80 the heel-section of the sole overlapping the rear edge of the forward portion, substantially as set forth.

3. As a new article of manufacture, a shoe having its heel and attached upper at one side
85 movable rearwardly, a shank secured to the sole and projecting over the heel, a slot in the shank, a pin or rivet passed through the slot into the heel, and an inner sole disconnected from the heel and extending over the joint
90 and the shank, substantially as set forth.

CHRISTIAN WURTELE.

Witnesses:

W. SCHNEIDER,
G. F. MADINGEN.