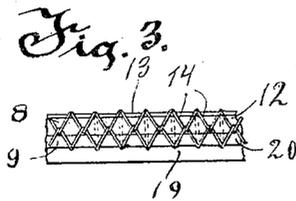
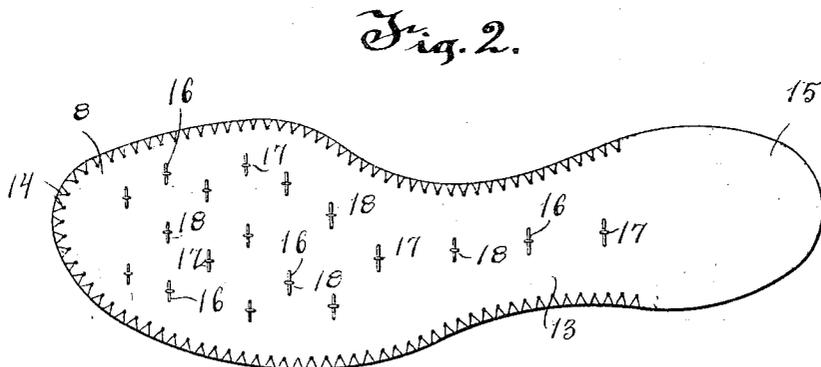
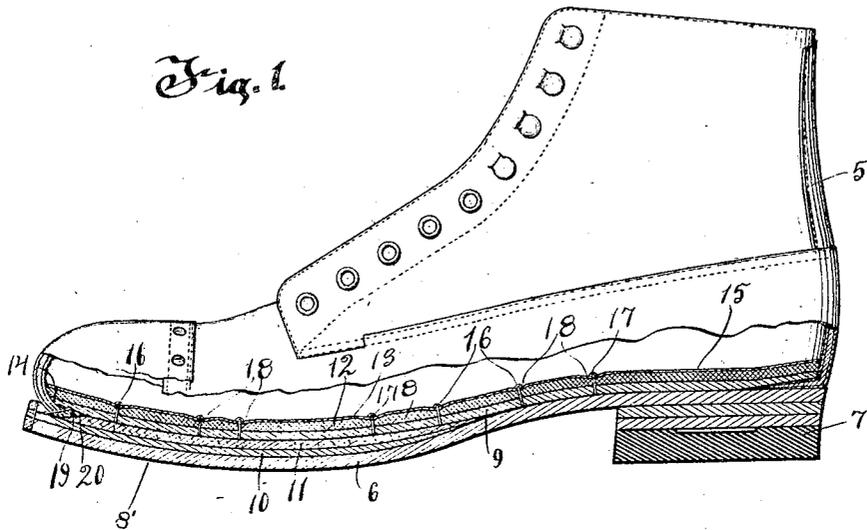


J. EBNER.
CUSHION SHOE.
APPLICATION FILED JAN. 17, 1916.

Patented Nov. 5, 1918.

1,283,704.



INVENTOR
John Ebner.
By *Morsell, Kenney & French.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

JOHN EBNER, OF MILWAUKEE, WISCONSIN, ASSIGNOR TO F. MAYER BOOT & SHOE CO.,
OF MILWAUKEE, WISCONSIN, A CORPORATION OF WISCONSIN.

CUSHION-SHOE.

1,283,704.

Specification of Letters Patent.

Patented Nov. 5, 1918.

Application filed January 17, 1916. Serial No. 72,412.

To all whom it may concern:

Be it known that I, JOHN EBNER, a citizen of the United States, and resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Cushion-Shoes, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

10 This invention relates to improvements in cushion shoes.

It is the ordinary practice in the manufacture of cushion shoes to form the cushioning means as a separate member which is inserted within the completed shoe and is cemented or pasted to the insole thereof. The cushioning means ordinarily consists preferably of a thickness of felt covered by thin leather or kid material to form a sock lining. In cushion shoes of this type the felt or other material after being worn for a short time forms individual pockets or depressions for the toes and joints of the foot and raised portions therebetween which are very uncomfortable and annoying to the wearer. These pockets and raised portions are formed to a large extent by the felt or other cushioning material being worked and separated into piles or bunches by the movement of the foot in walking. Furthermore the pasted or cemented portion separates from the insole and the cushioning means is worked toward the toe or one side of the shoe.

15 It is one of the objects of the present invention to overcome the before mentioned objectionable features and provide a cushion shoe in which the cushioning means is built into and forms part of the shoe proper.

20 A further object of the invention is to provide a cushion shoe in which the cushioning material is maintained and secured to the insole of the shoe in a manner to prevent its working toward the toe or side of the shoe or from forming pockets or depressions and raised portions, and also to prevent the felt or other cushioning material from separating into piles or bunches.

25 A further object of the invention is to provide a cushion shoe constructed to prevent the too free sliding of the foot of the wearer forwardly and backwardly in walking.

30 A further object of the invention is to pro-

vide a cushion shoe which is of simple construction, is strong and durable and is well adapted for the purpose described.

With the above and other objects in view the invention consists of the improved cushion shoe and its parts and combinations as set forth in the claim, and all equivalents thereof.

In the accompanying drawing in which the same reference characters indicate the same parts in all of the views:

Figure 1 is a side view of the improved cushion shoe, the lower portion of the shoe being shown in section to illustrate interior construction;

Fig. 2 is a top view of the cushioning member before it is built into the shoe; and Fig. 3 is an edge detail view of the cushioning member shown in Fig. 2.

Referring to the drawing the numeral 5 indicates the shoe upper, 6 the sole in its entirety, 7 the heel connected thereto and 8 the cushioning member forming part of the sole. The sole is formed of several thicknesses of material and ordinarily comprises the outer sole 8', the inner or welt sole 9 and the interposed slip and cork soles 10 and 11. In the present construction the cushioning member is preferably formed as part of the in or welt sole but may be formed independent of and connected to said welt sole in any manner desired without departing from the spirit and scope of the invention. The cushioning means comprising the layer of felt or other soft yielding material 12 is mounted on the upper side of the in or welt sole 9 and a sock lining 13 of thin flexible material is mounted on the yielding material and the three parts are preferably sewed together by a featheredge line of stitching 14. This line of stitching preferably extends all around the edge portions of the parts with the exception of the heel portion 15. The three parts are also preferably cemented together.

In order to maintain the cushioning material in position and to prevent it from forming pockets or depressions and ridges, and to also prevent the too free movement of the foot on the sock lining, the sock lining and the cushioning material are quilted the insole by a series of tie stitches 16 which extend transversely of the sock lining and staggered with relation to each other. The

transverse stitches are looped by longitudinally extending tie stitches 17 to more securely bind the parts together. These tie stitches form slight quilting recesses 18
5 which maintain the foot in position and are sufficiently depressed to protect the threads and close together to prevent the cushioning material from forming pockets and ridges.

When the insole and the cushioning material and the sock lining are secured together
10 in the manner described and shown they form a cushion member which is then connected to the other parts forming the shoe in the ordinary manner by sewing or other-
15 wise connecting the upper and the outer sole to the lip 19 of the welt 20 of the insole.

From the foregoing description it will be seen that the cushion shoe is of very simple construction and that the cushion portion

is built into the shoe and forms an integral part thereof. 20

What I claim as my invention is:

A cushion shoe, comprising an inner sole, a cushion member mounted on the said inner sole, a sock lining mounted on the
25 cushion member, featheredge stitching connecting edge portions of the three parts together, quilting stitches connecting the three parts together at a plurality of points intermediate of the edge portions, and means
30 connecting the inner sole to other portions of the shoe.

In testimony whereof, I affix my signature, in presence of two witnesses.

JOHN EBNER.

Witnesses:

GEO. F. MAYER,
CARL W. HERBST.

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