A. E. BLOCK.

FOOT SUPPORTER.

APPLICATION FILED JAN. 16, 1919.

1,302,760.

Patented May 6, 1919.

Fig. 1.

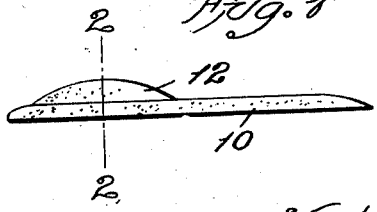


Fig. 2.

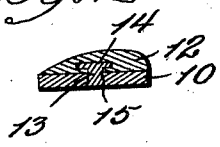


Fig. 3.

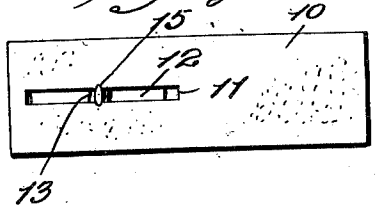


Fig. 4.

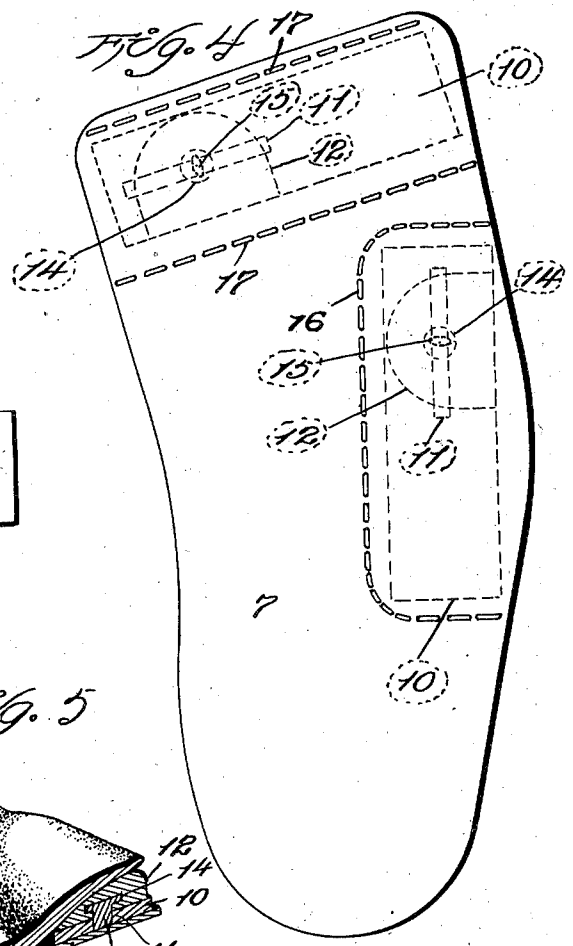


Fig. 5.

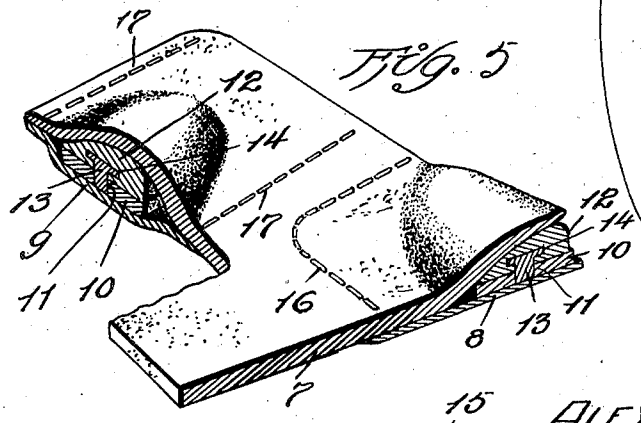


Fig. 6.



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FOOT-SUPPORTER.

1,302,760. Specification of Letters Patent. Patented May 6, 1919.

Application filed January 16, 1919. Serial No. 271,418.

To all whom it may concern:

Be it known that I, ALEXANDER E. BLOCK, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Foot-Supporters, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to improvements in foot supporters and has for its object to provide a flexible insole-member, to be worn in and loosely seated in a shoe with means for elevating the insole-member at specific points in a region requiring elevation over a general area, and a definitely increased elevation at a point within that area; the novelty of my invention consisting in the means employed to effect such general and specific adjustments.

In the drawings—

Figure 1 is a longitudinal elevation of the primary insert member employed to elevate a particular zone or region of the foot, with a secondary insert in place thereon.

Fig. 2 is a transverse vertical sectional view of the same, taken on the line 2—2 of Fig. 1.

Fig. 3 is a bottom plan view of the primary insert.

Fig. 4 is a plan view of the insole-member with two of the two-part insertions illustrated in Figs. 1 and 2 in place.

Fig. 5 is a fragmental perspective view of the forward portion of the structure illustrated in Fig. 4, the pockets and their insertions being shown in section. Fig. 6 is a perspective view of the prong 13.

The drawings depict an insole-member 7 beneath which a longitudinal arch pocket is formed by a flap 8, secured to the insole member 7 by the line of stitching 16, and a pocket beneath the wearer's anterior metatarsal arch is formed by the flap 9, the last named pocket being tubular and open at both ends; the flap 9 being secured to the insole-member 7 by the two marginal lines of stitching 17.

A primary insert or filling member 11 is contoured to fit in either pocket (see Fig. 4) and is provided, at a point between its longitudinal center and one of its ends with a hump or projection 12. This projection 12 may be permanently secured to the insert 10 or be made integral therewith, my object being in a broad sense to employ an insert having a hump so located that by reversing the insert, end for end, in the pocket wherein it is mounted, two different high points of support are provided by the single insert or filling member.

But in the preferred embodiment which I have illustrated the hump or projection 12 is a secondary insert removably and adjustably mounted upon the primary insert 10, and this I accomplish by the vertical slot 11 in the insert 10, into which the prong 13 (its head 14 being embedded in the secondary or hump insert 12, see Fig. 2) is thrust to fix the hump 12 in the desired location, the prong 13 having a flattened terminal 15 shown in Fig. 6, so that the width of that terminal 15 is slightly wider than the width of the slot 11, enabling the prong 13 to bite the edges of the slot 11 and thus provide against the longitudinal slipping of the hump 12 in relation to the insert 10.

The relationship of the pockets to the insole member 7 will be determined by the arch of the foot requiring treatment. Thus the longitudinal pocket may be located under either the inner or outer longitudinal arch, or pockets may be provided for each. The insert 10 may be used indifferently in either of the several pockets with which the supporter is provided, and is reversible, end for end, in whichever pocket it may be located, for the purpose of bringing the hump 12 into a changed position with reference to the length of the pocket in which it is seated, without disturbing its position with reference to the length of the insert upon which it is mounted.

Having thus described by invention, what I claim as new and desire to have secured to me by the grant of Letters Patent, is—

1. In a foot supporter, a flexible insole-member provided with a pocket; and an insert having a hump between its longitudinal center and one of its ends, adapted to be reversibly seated in said pocket.

2. In a foot supporter, a flexible insole-member having a plurality of pockets, and an insert having a hump between its longitudinal center and one of its ends, which insert is adapted to be reversely seated in either of said pockets.

3. In a foot supporter, a flexible insole-member; a pocket formed on said insole-member; and a two-part insert adapted to be held in and by said pocket and comprising a primary insert, a secondary insert, and means for engaging said inserts with each

other at any desired point between the longitudinal center and one end of the primary insert.

4. In a foot supporter, a flexible insole member; a reversible insert having a hump between its longitudinal center and one of its ends; and frictional means for detachably holding the insert to the insole.

5. In a foot supporter, a flexible insole member; a two-part insert comprising a primary insert and a secondary insert detachably mounted on the upper face of the primary insert between the longitudinal center and one end of said primary insert; and means for detachably holding the insert in place upon the insole.

6. In a foot supporter, a flexible insole member; an insert having a hump arranged to be shifted and temporarily held in position along the length of the insert; and frictional means for removably holding the insert to the insole.

7. In a foot supporter, a flexible insole-member provided with a pocket; a primary insert having a longitudinal slot; and a secondary insert provided with a prong, said prong having a flattened terminal to engage with the wall of said slot and whose width is slightly greater than the width of said slot.

In testimony whereof I hereunto affix my signature.

ALEXANDER E. BLOCK.