

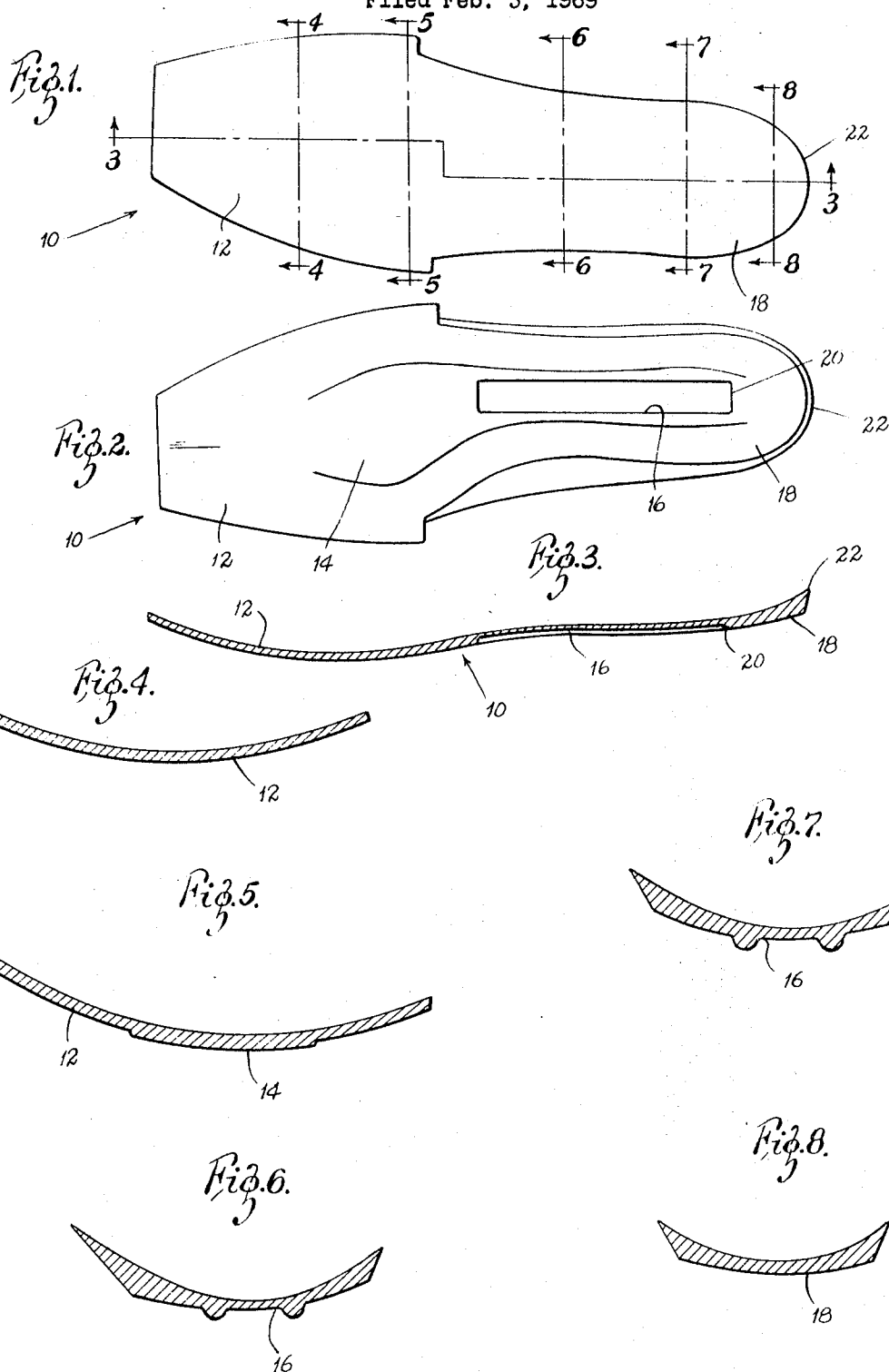
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F. M. GILKERSON

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MOLDED INSOLE

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INVENTOR:
FRANCIS M. GILKERSON,
BY Kingsland, Rogers, Ejell, Eilers & Robbins
ATTORNEYS

1

3,585,737
MOLDED INSOLE

Francis M. Gilkerson, 20 Lindworth Drive,
St. Louis, Mo. 63124

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2 Claims

ABSTRACT OF THE DISCLOSURE

A precast or molded insole for shoes adapted for use with several different heights of high heels comprising a paddle-shaped forepart, a shank depression extending longitudinally from in the heel area forwardly to about midway of the insole for the reception of a metal shank, and the like, after lasting, the heel portion rearwardly of the shank depression increasing in thickness, the insole being suitably contoured for elimination of the use of a filler and to provide streamlined appearance.

BACKGROUND OF THE INVENTION

(1) Field of the invention

The present invention relates generally to the shoe art, and more particularly to a novel precast or molded insole affording use thereof with several heights of high heels.

(2) Description of the prior art

The shoe industry has long needed an insole which can be used with more than one height of high heel without causing the heel to gap at the back. The applicant's novel insole fulfills the long need.

SUMMARY OF THE INVENTION

In brief, the present novel insole includes a longitudinally extending recess from in the heel area forwardly approximately to the halfway mark of the insole, the heel area rearwardly of the recess being of greatest thickness at the back and decreasing forwardly to the rear end of the recess, an integral filler portion on the bottom side of the insole being provided to eliminate filler material.

Objects of the invention are to provide a novel insole which is adapted to be used with several heights of high heels without effecting gaping at the back, which is formed to receive a metal shank, and the like, after the heel has been attached, which is streamlined to present a neat appearance, which obviates the use of filler, and which otherwise fulfills the objects and advantages sought therefor.

BRIEF DESCRIPTION OF THE DRAWING

FIG. 1 is a top plan view of an insole incorporating the teachings of the present invention;

FIG. 2 is a bottom plan view thereof; and

FIGS. 3, 4, 5, 6, 7 and 8 are vertical, cross-sectional views taken on substantially the lines 3—3, 4—4, 5—5, 6—6, 7—7 and 8—8, respectively.

DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring to the drawing more particularly by reference numerals, 10 indicates generally an insole incorporating

2

the principles of the present invention. The insole 10 is formed with a paddle-type forepart 12, being of substantially uniform thickness except for a depending central area 14 adapted to obviate the necessity of filler in the shoe. An elongated recess 16 is provided which extends forwardly from within the heel portion 18 to a point substantially midway of the insole 10, the recess 16 being within the area of the thickened filler portion. The heel portion from the rear point 20 of the recess 16 to the rear point 22 of the heel portion 18 gradually increases in thickness, as is clear from FIGS. 3 and 8. This increase in thickness permits several heights of high heels to be applied to the heel portion 18 of the insole 10 without gaping at the rear, that is, in proper treading relation. A steel shank, or the like, can be placed in the recess 16 before the heel has been applied to the heel portion 18 of the insole, which permits forming of the shank before insertion into the recess, so that it may have the proper curvature for the particular height of heel applied. It is not practical to bend shanks molded into an insole.

It is manifest that there has been provided an insole which fulfills the objects and advantages sought therefor.

It is to be understood that the foregoing description and the accompanying drawing have been given by way of illustration and example. It is also to be understood that changes in form of the elements, rearrangement of parts, and substitution of equivalent elements, which will be obvious to those skilled in the art, are contemplated as within the scope of the present invention which is limited only by the claims which follow.

What is claimed is:

1. A cast molded insole formed to permit operative use thereof with high heels of several heights comprising a forepart, a central portion thickened on the bottom interiorly of the sides adapted to extend into the space above an outsole inwardly of the edges of the turned under portion of an upper, an elongated recess in the thickened bottom central portion adapted to receive a formed selected shank without the requirement of increasing the over-all effective thickness of the insole and without weakening the insole, and a heel portion gradually thickening rearwardly from about the rear of the recess for selectively operatively receiving high heels of several heights without gaping, said elongated shank recess extending into the heel area.

2. The insole of claim 1 in which the forepart is of paddle configuration.

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ALFRED R. GUEST, Primary Examiner