

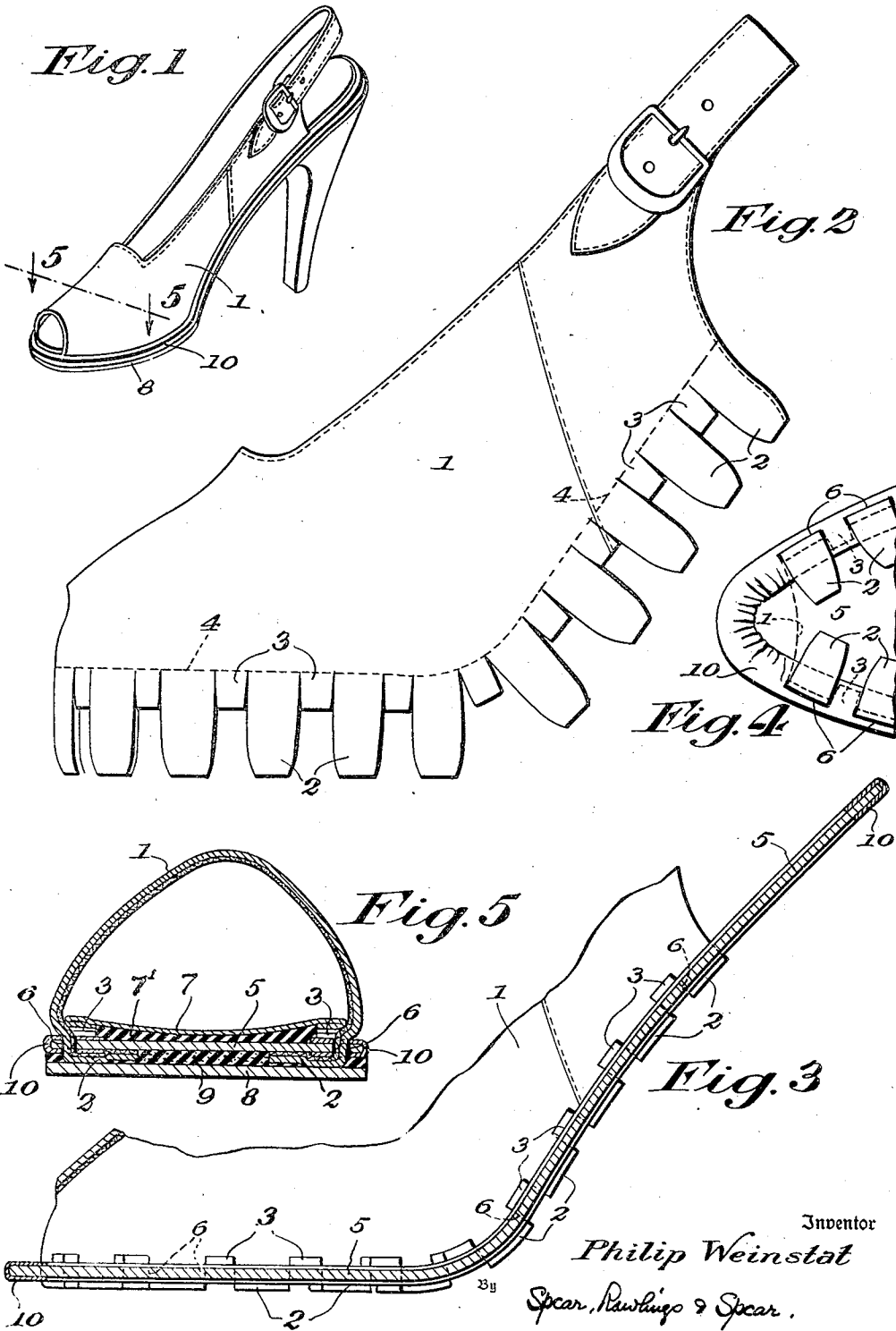
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FOOTWEAR

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FOOTWEAR

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4 Claims. (Cl. 36—12)

My present invention relates to improvements in footwear.

In my co-pending application, Serial No. 410,800, I have disclosed footwear in which certain portions of the upper structure are formed with tabs to be drawn through slots in the insole and anchored in place to hold the upper structure in desired position.

While this construction is well adapted for uppers of the open type where only a secure attachment of the upper structure and sole structure is necessary, in the case of uppers of the closed type with tabs, it is desirable to secure a joint substantially similar in appearance to the joint of a tabless closed upper. I accomplish this result by novel means for anchoring the marginal portions of the closed upper both internally and externally of the sole structure.

In accordance with my present invention, I provide the marginal portions of the upper structure with two sets of tabs, one set being longer than the other. Preferably the tabs of one set are disposed intermediate the tabs of the other set in substantially abutting relation. I form the adjacent sole member with slots to receive the set of longer tabs to permit the upper structure to be drawn into desired contact with the outer face of the sole member with the set of shorter tabs folded inwardly against the inner face of the sole member. The ends of the longer tabs are attached in place and concealed as by the outsole while I anchor the shorter tabs in place as the sock lining is cemented in place.

By this construction, I am able to secure a normally appearing well locked joint between the upper and the sole structure making the advantages of my invention disclosed in my above mentioned co-pending application fully available in footwear of the closed type.

In the accompanying drawing, I have shown an embodiment of my invention from which its novel features and advantages will be readily apparent. In the drawing:

Fig. 1 is a perspective view of a completed shoe of the closed upper type in accordance with my invention.

Fig. 2 is a side view of an upper showing the two series of tabs.

Fig. 3 shows in a fragmentary longitudinal section the upper of Fig. 2 attached to an insole.

Fig. 4 is a fragmentary plan view of the assembled upper and insole shown in Fig. 3, and

Fig. 5 is a section through the fore part of the shoe shown in Fig. 1.

In accordance with my invention, I form an

upper 1 with two sets of tabs with the tab 2 of one set being longer than the tabs 3 of the other set. The tabs 2 and 3 are foldable along the fold line 4 and preferably the tabs of one set are disposed intermediate to those of the other set in substantially abutting relation thereto.

At 5, I have indicated an insole provided with spaced slots 6 through which the tabs 3 extend to permit the upper 1 to be drawn thereby into place with the tabs 3 folded inwardly against the upper surface of the insole 5. After the upper 1 has been drawn into position, I attach, as by cementing, the ends of the tabs 2 to the outer surface of the insole 5, thus locking the upper to the sole structure with upper stock in the zone of the line of fold in contact therewith making a suitably normally appearing joint.

After the tabs 3 have been anchored to the insole 5 and the sock lining 7 is cemented in place, as at 7', the shoe may be conventionally finished by adding the outsole 8 and filler 9.

While, in describing the footwear selected to illustrate my present invention, I have referred to the sole member to which the upper structure 1 is to be attached as an insole, the upper structure may be attached to any desired sole member. Where the sole member is to be of the so-called platform type, decorative edging 10 is cemented to the margin of the insole 5 prior to the formation therein of the slots 6 so that the tabs 3 will extend through both the edging 10 and the insole 5.

In accordance with my present invention, I am able to make improved shoes without restriction as to design. As I have fully set forth in my copending application above referred to, the uppers are assembled and attached to the insoles, platforms or like sole members in desired position and lasts are only employed to provide the necessary support for the laying of the outsoles 8.

What I therefore claim and desire to secure by Letters Patent is:

1. A shoe structure comprising an insole and an upper structure, the lower marginal portions of said upper structure being cut to establish two series of marginal tabs, one series of which is longer than the other series and the insole having slots therein spaced to receive the longer tabs so that said upper structure may be drawn thereby into a position wherein the shorter tabs are folded inwardly against the inner surface of said insole, and means anchoring the shorter series of tabs to the inner surface of said insole and the longer series of tabs to the outer surface

thereof to anchor said upper structure to said insole.

2. The shoe structure of claim 1 in which each tab of one series is intermediate tabs of the other series.

3. In a shoe structure, an upper element to be assembled with a sole member having spaced marginal slots, said upper element having two series of bendable marginal tabs, the tabs of one series being longer than those of the other and being disposed to project through the slots of the sole member and to be folded inwardly and fastened against the outer surface thereof, and the series of shorter tabs being foldable inwardly and fastened against the inner surface of the sole member.

4. A shoe structure, comprising an insole hav-

ing a series of spaced marginal slots and an upper having portions of its lower margin cut to establish two series of bendable marginal tabs, the tabs of one series being intermediate of the tabs of the other series, the tabs of one series being folded inwardly against the upper surface of the insole when the tabs of the other series are drawn through the slots of the insole and folded inwardly against the lower surface of the insole thereby to bring the upper into abutment with the insole and establish a joint of substantially uniform appearance between the upper and the insole throughout the length of the marginal portions of the upper, and means anchoring each series of folded tabs to the adjacent surfaces of the insole.

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