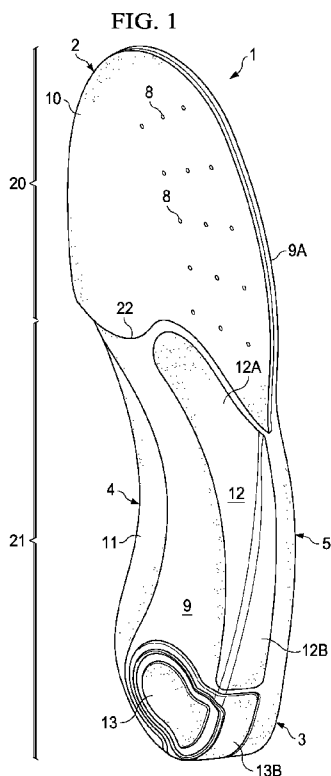




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[Continued on next page]

(54) **Title:** INSOLE FOR RELIEF OF OVER-PRONATION AND KNEE JOINT STRESS

(57) **Abstract:** An insole for placement inside a shoe for use in reducing over-pronation, associated misalignment of the patella (knee cap), and knee joint stress of a user. The insole has a top sheet and a support base cushion. The support base cushion has a forefoot mid-cushion area that extends from a toe end to a metatarsal area of the insole and an arch to heel area that extends from a metatarsal area to a heel end of the insole. The insole has a forefoot cushion secured to the forefoot mid-cushion area. The insole also has a medial support cradle, which reduces over-pronation and knee stresses, a lateral support cradle, which provides a side support to help reduce stress on the knee, and a heel cushion, which acts in cooperation with the medial support cradle to resist excessive pronation, all secured to the bottom of the support base cushion in the arch to heel area.



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Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*