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(54) Title: APPARATUS FOR ADJUSTING FOOT STRUCTURES, FOR DESIGN OF A FOOT ORTHOTIC, AND METHODS OF USE

(57) Abstract: An apparatus comprised of a plurality of engagement structures independently movable along a longitudinal axis to initially engage a mid-foot region of a foot is described. A center structure or a first set of engagement structures engage the foot in a mid-foot region, and one or more peripheral engagement structures engage the plantar surface in regions surrounding the mid-foot region independent from the structure(s) engaging the mid-foot region. Positional information about the engagement structures is obtained, and a surface map from the positional information is constructed, to determine a profile or contour for an orthotic device in which the foot is in a restored bone state.



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