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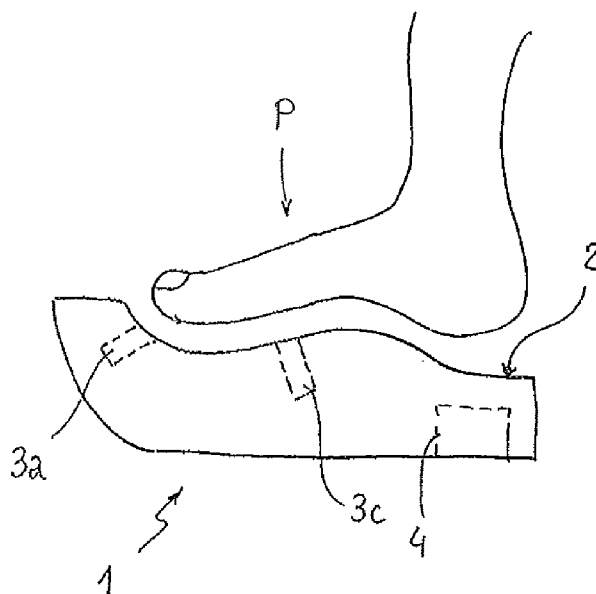


FIG. 1

(57) Abstract: Apparatus for improving mobility in patients affected by a neurodegenerative disease, through controlled and localised mechanical stimulation of the foot, at the tip of the big toe and the lower big toe metatarsal joint. Described herein is an apparatus comprising stimulators for the right and left foot and it attains such mechanical stimulation according to predetermined intensity parameters, stimulation sequence, duration and cyclical repetition. Mobility improvement was observed in particular in patients affected by Parkinson's disease.

