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(57) Abstract :

A foot massaging device, comprising a primary and secondary platform 1,2 arranged in vertical arrangement and attached with multiple telescopic rods 3 which extend/retracts to arrange primary platform 1, a communication module integrated within platform that establishes wireless connection between a microcontroller and a computing unit, an image capturing module 4 mounted over secondary platform 2, module captures images of user's leg, a pair of slots 6 fabricated over primary platform 1, slots 6 provides hollow cavity to securely place foot, a strain sensor 7 integrated within slots 6, sensor measure strain exerted over user's leg, a motor controller linked with hinge, motor controller sends signal to swing hinge and multiple acupuncture pins 8 fabricated underneath slots 6, motor controller actuates to reciprocate pins 8 to provide massage.

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