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(57) Abstract :

A wearable feet massaging device, comprising a pair of wearable components 1 adapted to accommodate a user's feet, a pair of straps 2 for securing user's feet with components 1, a fiber optic sensor for detecting length of user's feet, plurality of inflatable tubes 3 for inflating in accordance with detected length, a LDR (Light Dependent Resistor) sensor for detecting intensity of light, a pair of curved plates 4 for deploying in order to protect user's feet from sun rays, plurality of FBG (Fiber Bragg Grating) sensor for measuring pressure distribution of user's feet on component 1, a motorized roller 5 for rotating in order to massage user's feet for treating detected type of user's feet, an odor sensor for detecting odor emitted by user's feet, and an electronic nozzle 6 configured with a chamber 7 for dispensing an anti-bacterial solution stored within chamber 7 over user's feet.

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