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(57) Abstract :

A foot care device, comprising a rotatable conveyer 1 installed inside a shoe 2 that rotates inside the shoe 2 to assist a user in placing foot effortlessly, an AI (artificial intelligence) powered thermal imaging camera 3 placed inside the shoe 2 for detecting frostbite conditions and also detects joint pains, a heating unit 4 in combination with a thermo-regulator for inducing heat to prevent the frostbite conditions by regulating heating temperature inside the shoe 2 and tripping off the unit in case the temperature inside the shoe 2 exceeds a threshold value, plurality of nozzles 5 for dispensing pain relief gels for curing the joint pain in order facilitate the user in walking, a moisture sensor 6 integrated with a microcontroller for determining moisture accumulated on the user's foot, wherein a dryer unit 7 is actuated by the microcontroller for dispensing warm air to dry the moisture. Ref. Figure to Figure 1

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