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(54) Title of the invention : SMART FOOTWEAR

(51) International classification	:A43B3/34, A43B3/36, A61B5/11, H05B45/20	(71)Name of Applicant : <b>1)CHITKARA INNOVATION INCUBATOR FOUNDATION</b> Address of Applicant :SCO: 160-161, SECTOR – 9C, MADHYA MARG, CHANDIGARH – 160009, INDIA (IN) Chandigarh Chandigarh India
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(57) Abstract :

A smart footwear (100), the footwear (100) comprising: a base (102) to receive a foot of a person and a strap (104) attached to the base (102) to secure the foot of the person. The base (102) comprises a first pressure sensor, a second pressure sensor (112), and a third pressure sensor (114). The footwear (100) actuates a first switch (116) to activate the light unit (120) to emit a light of a first color, when the first value of pressure exerted is less than the second value of pressure exerted. The footwear (100) further actuates a second switch (118) to activate the light unit (120) to emit the light of a second color, when the third value of pressure exerted is less than a pre-defined pressure stored in a memory. Claims: 10, Figures: 3 Figure 1 is selected.

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