

(54) Title of the invention : ADAPTABLE PLAYING AND EXERCISING DEVICE

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(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Dr. Sajjan Singh
(33) Name of priority country	:NA	2)Taranjit Singh
(86) International Application No	:NA	3)Sonia Bhukra
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(57) Abstract :

An adaptable playing and exercising device, comprising pair of telescopic frames 1 grounded over surface and attached to each other via multiple bars 2 aiding user to play or perform exercises, image capturing unit 3 mounted over bar 2 that takes multiple images of user in order to derive age and exact location of user and sends to microcontroller, wherein based upon age microcontroller adjust height of frame 1 in a manner for comfortable use, multiple sensors integrated within each of bars 2 wherein sensors measures pressure exerted over bars 2 by user and on basis of received data, detects slippage of user upon determining abrupt fall of pressure, inflating unit integrated within bars 2 at various locations and based upon location of user microcontroller upon determining slippage, activates one of inflating unit corresponding to user's location in order to eliminate injury to user due to fall. Ref. Figure 1

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