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(54) Title of the invention : SMART HEALTH TRACKING DEVICE

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(57) Abstract :

The present disclosure relates to a system for maintaining social distancing, the system includes a device (102) adapted to be held by a user, the device comprises a sensor (106), a transceiver (112), a microchip (108) and a processor (114). The processor configured to receive, from the sensor, the position coordinates of the one or more proximate users, receive, from the microchip (108), the identity attributes of the one or more proximate users. The processor extracts, from the position coordinates, a set of distance values of the one or more proximate users, wherein based on a comparison of identity attributes of one or more proximate users and a deviation of the extracted set of distance values for the position coordinates from a reference set of values, the transceiver is configured to transmit an alert to notify the user to maintain physical distance.

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