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| <p>(51) International classification :A61H3/061<br/>(31) Priority Document No :NA<br/>(32) Priority Date :NA<br/>(33) Name of priority country :NA<br/>(86) International Application No :NA<br/>Filing Date :NA<br/>(87) International Publication No : NA<br/>(61) Patent of Addition to Application Number :NA<br/>Filing Date :NA<br/>(62) Divisional to Application Number :NA<br/>Filing Date :NA</p> | <p>(71)Name of Applicant :<br/>1)Dr.D.Hemavathi<br/>Address of Applicant :Assistant Professor Dept. of IT, School of Computing SRM Institute of Science and Technology Kattankulathur, Chennai-603203, Tamil Nadu, India Tamil Nadu India<br/>2)Dr.Hitesh Joshi<br/>3)Dr.K.Sharmilee<br/>4)Ms. P.Vijaya Vani<br/>5)Mr.M.Z.M.Nomani<br/>6)Mr.S.Thangam<br/>7)Dr.Ramya Govindaraj<br/>8)Mr. Ashwini Saini<br/>9)Mr.Rajesh Rajaan<br/>10)Dr.Pankaj Dadheech<br/>11)Mr.Alekya Kowta<br/>12)Mr.Manya Smriti<br/>(72)Name of Inventor :<br/>1)Dr.D.Hemavathi<br/>2)Dr.Hitesh Joshi<br/>3)Dr.K.Sharmilee<br/>4)Ms. P.Vijaya Vani<br/>5)Mr.M.Z.M.Nomani<br/>6)Mr.S.Thangam<br/>7)Dr.Ramya Govindaraj<br/>8)Mr. Ashwini Saini<br/>9)Mr.Rajesh Rajaan<br/>10)Dr.Pankaj Dadheech<br/>11)Mr.Alekya Kowta<br/>12)Mr.Manya Smriti</p> |
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(57) Abstract :

This invention proposes a smart walking stick system mostly made keeping the elderly in mind. With age comes diminishing memory and many more problems that seek support for both balance and navigation- cognitive and motor functions are diminished. Science and technology always make human life more comfortable. Our application is the go solution. A smart walking system that helps them navigate through life! Additional perks are that it can monitor heart rate and send out alerts to the nearest hospital while also alarming the people around for additional help. It also helps them cross the roads in a better and much safer way. Reminders for taking medicines in time/ general reminders can also be provided. We understand that the elderly might even have a feeble sense of vision. Keeping that in mind, we will be constructing a microcontroller-based automated software that can corroborate a blind person to detect obstacles in front of him immediately. We implement this using ad-hoc networks.

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### Application Status

APPLICATION STATUS

**Awaiting Request for Examination**

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