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NAAVI

(NAVIGATION ASSISTANCE APPARATUS FOR THE VISUALLY IMPAIRED)

NAAVI (Navigation Assistance Apparatus for the Visually Impaired) combines stereo vision technology and principles of sound localization to help the visually impaired detect obstacles and travel safely. A processor calculates the locations of everything in front the user via stereo vision camera and conveys the location of any obstacles to the user as a sound originating from obstacle. In a sense, the visually impaired person would be able to 'hear' what is in front of them.

