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STORAGE MEDIUM, COMPUTER PROGRAM AND SYSTEM FOR ASSISTING THE MOVEMENT OF A VISUALLY IM-
PAIRED USER

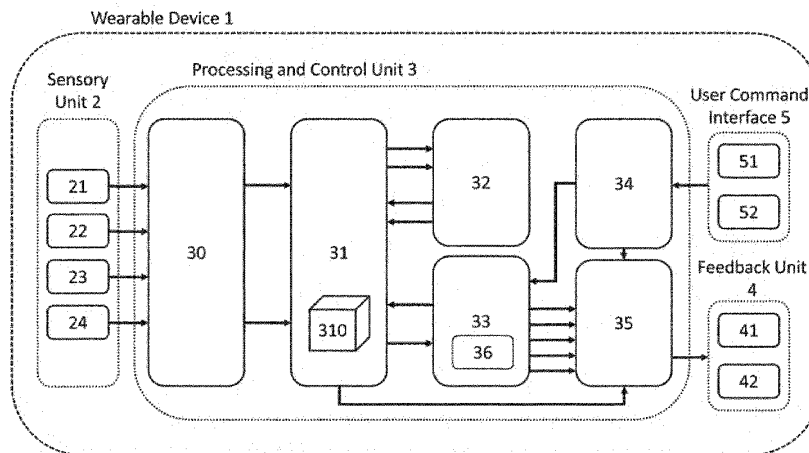


FIG 1

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(57) Abstract: In a first aspect of the invention, it is claimed a computer-implemented method for assisting the movement of a visually impaired user by means of a wearable device, comprising the following steps: 5 S1- Acquiring data from the environment of the visually impaired user, S2- Fusing the acquired data, creating, repeatedly updating of a Live Map, S3- Determining, repeatedly updating and storing, of at least one navigation path together with associated navigation guiding instructions for the visually impaired user to navigate from the current position of the visually impaired user to a point of interest, repeatedly 10 selecting one preferred navigation path from the at least one navigation path, and repeatedly sending to the visually impaired user the preferred navigation path, together with associated navigation guiding instructions. S4- Guiding the visually impaired user along the preferred navigation path, by using guiding modes for transmitting each associated navigation guiding instruction, 15 comprising haptic and/or auditory cues. The invention details how the steps S2, S3 and S4 are carried out and also details the content of the Live Map. Said Live Map comprises data from the sensors regarding objects and living beings, relationships between the objects and the living beings and different types of areas: walkable area,

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non-walkable area and conditional walkable area, 20 In a second aspect of the invention, it is claimed a wearable device for assisting the movement of a visually impaired user, configured to apply the steps of the method.