

(54) Title of the invention : MULTIFUNCTIONAL WHEELCHAIR FOR MOBILITY-IMPAIRED PERSON

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(57) Abstract :
 A wheelchair 102 for a mobility-impaired person comprises a base frame 104 configured with a plurality of wheels 132 and a first platform 106, a seat 108, a backrest 110 where the backrest 110 along with the seat 108 is split into two equal parts through a pair of rotating mechanisms 112, a lifting mechanism 116 to vary the height of the seat 108 through a pedal 118, a plurality of sensors 122 wherein at least one sensor 122-1 which is an IR sensor is operatively coupled with a remote 134 configured to activate the pair of rotating mechanisms 112 and one or more sensors 122-2 and 122-3 to detect the weight of the user to display on a display unit 126, and a control unit 128 to execute one or more tasks.

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