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(57) Abstract :

A mobility assistive device comprises of a platform 1 configured with multiple motorized castor wheels 2 adapted for maneuvering platform 1 at user-desired locations, a touch interactive display panel 3 accessed by user to input commands regarding surface over on which user desires to ride, a weight sensor detects weight of user for actuating multiple telescopic plates 4 attached on first and second side 5, 6 of platform 1 for accommodating user, , multiple telescopic links 7 are attached to each other by means of a motorized ball and socket joint 8 and installed at front side 5 of plate 4 to extend/retract followed by actuation of joint to provide rotational motion to link 7 gripped by user via handle 13 while riding as per movement of user's hand, an inverted V-shaped arm attached at second side 6 via secondary motorized hinge for providing support while riding over snow surface.

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