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(57) Abstract :

A climbing assisted device, comprising of a pair of ladder 1 and ramp 2 configured on a frame 3 for assisting a user to climb up and down and are configured with multiple motorized wheels 4 that aids in maneuvering of frame 3, an artificial intelligence based thermal imaging camera 5 for detecting physical parameters which includes height, age, facial expressions of a user climbing through ladder 1 or ramp 2, a pair of telescopic rods 6 to adjust height of ladder 1 and ramp 2 and reduce inclination angle, plurality of roller 7 wrapped with multiple recreational sheets to spread sheets over ramp 2, an inflating tube 9 to provide cushioning to user while falling on ground, and multiple iris units 10 configured with telescopically operated holders 11 to open/close and holders 11 protrudes through units 10 to climb over the ramp 2.

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