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<p>(51) International classification :G06F0003048860, G06F0003160000, E04G0001220000, G06F0001160000, G06Q0020320000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Jaipur National University Address of Applicant :Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Prashant Kumar Sharma Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>2)Rachana Yadav Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>3)Ravi Prakash Upadhyai Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>4)Robin Khandelwal Address of Applicant :School of Engineering & Technology, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p>
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(57) Abstract :

The present invention relates to an adjustable climbing assistive device, comprises of a platform 1 configured with a pair of telescopically operated frames 2 for providing support to platform 1 over a ground surface, a pair of suction cups 3 for affixing with surface to provide stability to frames 2, multiple steps 4 accessed by a user for climbing on platform 1, a wearable component 13 attached with platform 1 via rope for preventing falling of user, a display panel 5 for allowing a user to provide input details regarding height at which user desires to perform operation, an imaging unit 6 for detecting type of surface, a motorized hinge platform 1 for providing movement to frames 2 on stair surface and a telescopic column 10 configured with a multi-sectioned rack 9 stored with tools for extending to lift the rack 9 towards the user.

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