

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211016477 A

(19) INDIA

(22) Date of filing of Application :24/03/2022

(43) Publication Date : 02/02/2024

(54) Title of the invention : CONTAINER LIFTING DEVICE

(51) International classification	:H04N0005232000, B25J0005000000, G07F0013060000, A45D0034040000, F25D0023000000	(71)Name of Applicant : 1)Chandigarh Group of Colleges, Jhanjeri Address of Applicant :State Highway 12A Jhanjeri, Sahibzada, Ajit Singh Nagar, Punjab 140307, India. Punjab India
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(61) Patent of Addition to Application	:NA	7)Anshu Tomar
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A container lifting device comprising of a platform 1 associated with the device and configured with multiple motorized wheels 2 to maneuver over ground surface, a telescopically operated U-shaped frame 3 pivoted on platform 1 for moving over the platform 1 in a see-saw motion, a pair of clamps 4 each hinged 5 at periphery of frame 3 via telescopic link 6 for gripping container, a touch interactive display panel 7 assembled on platform 1 for enabling user to enter details regarding type and amount of stored liquid, an electromagnetically powered bar 8 mapped on platform 1 for generating magnetic field between platform 1 and metallic plate 14, an AI based imaging unit 9 installed on frame 3 for capturing images of chamber and a laser sensor 10 in synchronization with imaging unit 9 positioned over frame 3 for detecting surface condition of ground surface.

No. of Pages : 17 No. of Claims : 8