

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111014019 A

(19) INDIA

(22) Date of filing of Application :30/03/2021

(43) Publication Date : 10/02/2023

(54) Title of the invention : LOAD TRANSPORTING DEVICE

(51) International classification	:H04N0007180000, G08B0021020000, B60N0002000000, G16H0050300000, A61M0015000000	(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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Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A load transporting device comprising of a body 1 in association with plurality of wheels 2 for transporting loads, wherein the wheels 2 assist in movement of the body 1, an artificial intelligence (AI) camera 3 for monitoring indentations in proximity to the body 1, and generates a command to actuate a telescopic rod 4, a pair of ball and socket joint provides rotation to the rod 4, the rod 4 extends and bends to align the associated frame 5 on the indentation to provide a path for movement of the body 1, wherein bending of the rod 4 is provided via the ball and socket joint, a pressure sensor for monitoring pressure level within the wheels 2, wherein the microcontroller generates a command above threshold level, a weight sensor detects load on the body 1, an alert unit for generating an alert to a user regarding the detected pressure.

No. of Pages : 14 No. of Claims : 6