

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111014550 A

(19) INDIA

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

(43) Publication Date : 23/12/2022

(54) Title of the invention : ADJUSTABLE SEESAW DEVICE FOR BALANCING LOADS

(51) International classification	:A63G0011000000, A63G0031000000, A63G0001320000, A63G0023000000, B60N0002000000	(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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(33) Name of priority country	:NA	
(86) International Application No	:NA	
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 :

The present invention relates to an adjustable seesaw device for balancing loads, comprising a pneumatically actuated horizontal telescopic rod 1 supported on a vertical telescopic rod 2 equipped with magnetized seats 3 mapped on both sides, a pair of pressure sensors 4 to determine pressure of users grips on handles, a rotatable artificial intelligence (AI) enabled image capturing module 5 for determining facial expression and sitting posture of the users, a weight sensor mapped on the magnetized seats 3 detects weight of users sitting on the magnetized seats 3, a pair of electromagnets 6 layered on the playground surface to land the users safely and to balance weight on both the sides for safe seesaw playing experience, an electronically controlled damper 7 assists in landing of the users safely on the surface by absorbing unwanted shocks/tremors. Ref. Figure 1

No. of Pages : 15 No. of Claims : 9