(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2024
(21) Application No.202411074078 A
(43) Publication Date : 11/10/2024

(54) Title of the invention : MULTI-FUNCTIONAL LOAD CARRIER WITH ADAPTIVE WEIGHT SUPPORT

(51) International classification :A45F3/08, A45F3/04, A45F3/10, A45F3/12, A45F4/02, B62B5/00
(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

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(57) Abstract :
ABSTRACT The present disclosure introduces a multi-functional load carrier with adaptive weight support 100 which is designed to support multiple modes of operation, including overhead, trolley, and back modes, facilitating efficient weight distribution and ease of transport. The load carrier comprises key components such as a weight holder 102 for secure load placement, sponge bed 104 providing cushioning, and a handle to hold 106 for enhanced control during trolley mode. The back support 108 ensures ergonomic load distribution along the user's back, while wheels 110 enable effortless movement in trolley mode. A plurality of knobs 112 allows for seamless transition between modes, and a belt with fastening mechanism 114 secures the load during overhead mode, enhancing stability and user comfort. This adaptable design aims to reduce physical strain and improve mobility for users carrying heavy or bulky item. Reference Fig 1

No. of Pages : 20 No. of Claims : 10