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(54) Title of the invention : LOAD CARRYING DEVICE

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(57) Abstract :

The present invention relates to a load carrying device comprising of a tray 2 having multiple compartments 3 positioned on wheelbarrow 1 to store multiple tools, an AI enabled image capturing module 4 for capturing multiple images of the tools installed on each compartment, a nozzle 6 integrated within each of compartments 3 for dispensing cleaning solution, a pair of auxiliary wheels 9 arranged with main wheels 10 of wheelbarrow 1 forming a tri-wheel 9, 10 like arrangement aids the wheelbarrow 1 to move over staircase/ladder/obstacles, a weight sensor 11 arranged beneath wheelbarrow 1 to determine overall weight of load carried inside casing of wheelbarrow 1 and a pneumatically operated telescopic rod 12 configured with hydraulic jack 13 attached with wheel axle 14 of wheelbarrow 1 to tilt the wheelbarrow 1.

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