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पेटेंट कार्यालय का एक प्रकाशन  
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## **INTRODUCTION**

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01<sup>st</sup> January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

**( PROF. (DR) UNNAT P. PANDIT )  
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

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(57) Abstract :

The present invention provides a multifunctional load carriage system with solar lighting and braking mechanism. The system includes a modular frame; a centrally positioned load box on the aforementioned frame; a solar panel installed above the box to charge internal batteries; front and rear wheels, the front wheels having a hand brake; and a shoulder and waist belt straps ergonomically placed for safe transportation. The sliding seat is integrated into the frame, allows the user to recline during transport stops. The solar panel powers illumination units and turns on automatically depending on light conditions in the external environment. Figure 1

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