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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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(71)Name of Applicant :

**1)Swami Rama Himalayan University**

Address of Applicant :Swami Rama Himalayan University, Swami Ram Nagar, Jolly Grant, Dehradun-248016 -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)Dr. Vishal Rajput**

Address of Applicant :Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun-248016 Dehradun -----

**2)Charu Sharma**

Address of Applicant :Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun-248016 Dehradun -----

**3)Dr. Vijay Kumar**

Address of Applicant :Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun-248016 Dehradun -----

**4)Dr. Vivek Kumar**

Address of Applicant :Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun-248016 Dehradun -----

**5)Dr. C.S. Nautiyal**

Address of Applicant :Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun-248016 Dehradun -----

(57) Abstract :

The present invention provides an incubator with solar power and hybrid thermal energy management. The incubator includes a Primary Renewable Energy Source (1) for converting sunlight into electricity to power the system; an Energy Transmission System (2) for seamless transmission of electricity to various components with minimal energy loss; a Thermal Energy Storage Unit (3) for storing excess thermal energy to ensure continuous operation during low sunlight conditions; and a Dynamic Airflow Control System (5) for regulating airflow, temperature, and humidity within the incubator.

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