

# CERTIFICATE OF GRANT INNOVATION PATENT

## Patent number: 2021101982

The Commissioner of Patents has granted the above patent on 19 May 2021, and certifies that the below particulars have been registered in the Register of Patents.

### Name and address of patentee(s):

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Tulala Rajasanthosh Kumar of Department of Mechanical Engineering, Oriental Inst. of Science & Technology, Raisen Road, Oppo-Patel Nagar Bhopal Madhya Pradesh 462021 India

## Title of invention:

A CHARGER OF LITHIUM ION BATTERY FOR SOLAR CELL

#### Name of inventor(s):

Dasore, Abhishek; Nashine, Prerana; Rajak, Upendra; Sinha, Shobha Lata; Dwivedi, Gaurav; Singh, Thokchom Subhaschandra; Shukla, Anoop Kumar; Sharma, Achintya; Kumar, S. V. Ratan; Chaurasiya, Prem Kumar and Kumar, Tulala Rajasanthosh

## Term of Patent:

Eight years from 16 April 2021



Dated this 19<sup>th</sup> day of May 2021



# CERTIFICATE OF GRANT INNOVATION PATENT

### Patent number: 2021101982

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 19th day of May 2021

## Extracts from the Patents Act, 1990

Sect 120(1A)	Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.
Sec 128	Application for relief from unjustified threats
(1)	Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
(a)	a declaration that the threats are unjustifiable; and
(b)	an injunction against the continuance of the threats; and
(c)	the recovery of any damages sustained by the applicant as a result of the threats.
(2)	Subsection (1) applies whether or not the person who made the threats is
	entitled to, or interested in, the patent or a patent application.
Sec 129A	Threats related to an innovation patent application or innovation patent
	and courts power to grant relief.
Certain threats of in	fringement proceedings are always unjustifiable.
(1)	lf:
(	a) a person:
	(i) has applied for an innovation patent, but the application has not been
	determined; or
	(ii) has an innovation patent that has not been certified; and
(	b) the person, by means of circulars, advertisements or otherwise, threatens a
	person with infringement proceedings or other similar proceedings in respect of
	the patent applied for, or the patent, as the case may be;
	then, for the purposes of an application for relief under section 128 by the
	person threatened, the threats are unjustifiable.
Courts power to gra	nt relief in respect of threats made by the applicant for an innovation patent or the
patentee of an unce	rtified innovation patent
(2)	If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.
Courts power to gra	nt relief in respect of threats made by the patentee of certified innovation patent
(3)	If an application under section 128 for relief relates to threats made in respect
	of a certified innovation patent, the court may grant the applicant the relief
	applied for unless the respondent satisfies the court that the acts about which
	the threats were made infringed, or would infringe, a claim that is not shown by
	the applicant to be invalid.
Schedule 1	Dictionary
	<i>certified</i> , in respect of an innovation patent other than in section 19, means a
	certificate of examination issued by the Commissioner under paragraph

101E(e) in respect of the patent



# CERTIFICATE OF GRANT INNOVATION PATENT

### Patent number: 2021100783

The Commissioner of Patents has granted the above patent on 7 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

#### Name and address of patentee(s):

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Abhishek Dasore of School of Mechanical Engineering, RGM College of Engineering & Technology Nandyal Andrapradesh 518501 India

Manoj Panchal of School of Mechanical Engineering, RGM College of Engineering & Technology Nandyal Andrapradesh 518501 India

Ramakrishna Balijepalli of School of Mechanical Engineering, RGM College of Engineering & Technology Nandyal Andrapradesh 518501 India

Govinda Raju Matha of Department of Mechanical Engineering, Viswanadha Inst of Tech and Management, Mindivanipalem, Sontyam, Anandapuram Visakhapatnam Andhra Pradesh 531173 India

Peyyety V S Muralikrishna of Aditya College of Engineering & Technolo, ADB road, Surampalem East Godavari Andhra Pradesh 533437 India

Raja Tulala of Department of Mechanical Engineering, Oriental Group of Colleges Bhopal Madhya Pradesh 462021 India

Rohit Kumar of Department of Mechanical Engineering, Madan Mohan Malaviya University of Tech Gorakhpur Uttar Pradesh 273008 India

## Title of invention:

A COMPOSITE NANO-COATED INTERNAL COMBUSTION ENGINE CYLINDER

#### Name of inventor(s):

Dwivedi, Rashmi; Rajak, Upendra; Verma, Tikendra Nath; Dasore, Abhishek; Panchal, Manoj; Balijepalli, Ramakrishna; Matha, Govinda Raju; Muralikrishna, Peyyety V S; Tulala, Raja and Kumar, Rohit

## Term of Patent:

Eight years from 9 February 2021



Dated this 7<sup>th</sup> day of April 2021

**Commissioner of Patents** 

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

This data, for application number 2021100783, is current as of 2021-05-15 21:00 AEST



## CERTIFICATE OF GRANT INNOVATION PATENT

### Patent number: 2021100783

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Dated this 7<sup>th</sup> day of April 2021

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	<i>certified</i> , in respect of an innovation patent other than in section 19, means a
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101E(e) in respect of the patent



# CERTIFICATE OF GRANT INNOVATION PATENT

### Patent number: 2021102000

The Commissioner of Patents has granted the above patent on 19 May 2021, and certifies that the below particulars have been registered in the Register of Patents.

#### Name and address of patentee(s):

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Prem Kumar Chaurasiya of Mechanical Engineering, Sagar Institute of Science & Technology Bhopal Madhya Pradesh 462036 India

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Upendra Rajak of Department of Mechanical Engineering, RGM College of Engineering and Tech. Nandyal Andhra Pradesh 518501 India

## Title of invention:

A SMART DEVICE FOR MAINTAIN GREENHOUSE CONTROLLING ENVIRONMENTS PARAMETERS.

#### Name of inventor(s):

Verma, Manoj; Ghritlahre, Harish Kumar; Reddy, Y. Siva Kumar; Sinha, Shobha Lata; Rajyalakshmi, K.; Dasore, Abhishek; Balijepalli, Ramakrishna; Chaurasiya, Prem Kumar; Dhakar, Krishnakant and Rajak, Upendra

## Term of Patent:

Eight years from 18 April 2021



Dated this 19th day of May 2021

**Commissioner of Patents** 

**PATENTS ACT 1990** 

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

This data, for application number 2021102000, is current as of 2021-06-04 21:00 AEST



## CERTIFICATE OF GRANT INNOVATION PATENT

## Patent number: 2021102000

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

### Priority details:

*Number* UNKNOWN **Date** 18 April 2021 Filed with AU



Dated this 19th day of May 2021

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