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G.A.R.6
[See Rule 22(1)]
RECEIPT

Docket No 98072

Date/Time 2024/07/29 11:56:13

To
Gowri Shankar Manivannan

UserId: gowri1991

Associate Professor Department of Electrical
and Electronics Engineering Malnad College
of Engineering

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202441057256	TEMP/E-1/66698/2024-CHE	1600	48148	FORM 1	Advanced DC Buck Converter Optimization using Deep Neural Networks for Enhanced Efficiency and Class

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001472477	Online Bank Transfer	2907240007775	1600.00	1475001020000001

Total Amount : ₹ 1600.00

Amount in Words: Rupees One Thousand Six Hundred Only

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FORM 1
THE PATENTS ACT, 1970
(39 of 1970)

&
THE PATENTS RULES, 2003
APPLICATION FOR GRANT OF PATENT
[See sections 7,54 & 135 and rule 20(1)]

(FOR OFFICE USE ONLY)

Application No.:
Filing Date:
Amount of Fee Paid:
CBR No.:
Signature:

1. APPLICANT(S):

Sr.No.	Name	Nationality	Address	Country	State	Distict	City
1	Gowri Shankar Manivannan	India	Associate Professor Department of Electrical and Electronics Engineering Malnad College of Engineering	India	Karnataka	00	
2	Mr. L. KUMARASWAMY	India	Associate Professor, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	
3	Ms RAKSHITHA H. P.	India	UG Student, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	
4	Ms RIMSHA AFREEN	India	UG Student, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	
5	Mr VIKAS C. P.	India	UG Student, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	
6	Mr GOWTHAM V	India	UG Student, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	

2. INVENTOR(S):

Sr.No.	Name	Nationality	Address	Country	State	Distict	City
1	Gowri Shankar Manivannan	India	Associate Professor Department of Electrical and Electronics Engineering Malnad College of Engineering	India	Karnataka	00	
2	Mr. L. KUMARASWAMY	India	Associate Professor, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	
3	Ms RAKSHITHA H. P.	India	UG Student, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	
4	Ms RIMSHA AFREEN	India	UG Student, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	
5	Mr VIKAS C. P.	India	UG Student, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	
6	Mr GOWTHAM V	India	UG Student, Department of EEE, Malnad College of Engineering, Hassan	India	Karnataka	Hassan	

3. TITLE OF THE INVENTION: Advanced DC Buck Converter Optimization using Deep Neural Networks for Enhanced Efficiency and Classification of faults in PV Applications**4. ADDRESS FOR CORRESPONDENCE OF APPLICANT / AUTHORISED PATENT AGENT IN INDIA:**

Gowri Shankar Manivannan Associate Professor, Department of Electrical and Electronics Engineering, Malnad College of Engineering, Hassan-573202

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Fax No.:

Mobile No: 8526063551

E-mail: mshankar065@gmail.com

5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:

Sr.No.	Country	Application Number	Filing Date	Name of the Applicant	Tilte of the Invention
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6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:

International Application Number	International Filing Date as Allotted by the Receiving Office
PCT//	

7. PARTICULARS FOR FILING DIVISIONAL APPLICATION

Original (first) Application Number	Date of Filing of Original (first) Application
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8. PARTICULARS FOR FILING PATENT OF ADDITION:

Main Application / Patent Number:	Date of Filing of Main Application
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9. DECLARATIONS:

(i) Declaration by the inventor(s)

I/We ,Gowri Shankar Manivannan,Mr. L. KUMARASWAMY,Ms RAKSHITHA H. P.,Ms RIMSHA AFREEN,Mr VIKAS C. P.,Mr GOWTHAM V, is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) of the inventor(s):

(c) Name(s): Gowri Shankar Manivannan,Mr. L. KUMARASWAMY,Ms RAKSHITHA H. P.,Ms RIMSHA AFREEN,Mr VIKAS C. P.,Mr GOWTHAM V

(ii) Declaration by the applicant(s) in the convention country

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) :

(c) Name(s) of the singnatory: Gowri Shankar Manivannan,Mr. L. KUMARASWAMY,Ms RAKSHITHA H. P.,Ms RIMSHA AFREEN,Mr VIKAS C. P.,Mr GOWTHAM V

(iii) Declaration by the applicant(s)

- The Complete specification relating to the invention is filed with this application.
- I am/We are, in the possession of the above mentioned invention.
- There is no lawful ground of objection to the grant of the Patent to me/us.

10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

Sr.	Document Description	FileName
1	COMPLETE SPECIFICATION	PATENT DETAILS.pdf
2	DRAWINGS	Drawings.pdf
3	STATEMENT OF UNDERTAKING (FORM 3)	FORM 3 (1) (1) (1).pdf
4	DECLARATION OF INVENTORSHIP (FORM 5)	FORM 5 (1).pdf

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated hering are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this(Final Payment Date): -----

Signature:

Name: Gowri Shankar Manivannan

To The Controller of Patents

The Patent office at CHENNAI

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