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



Docket No 17425

Date/Time 2024/02/03 11:38:22

To
Richard Pinto

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Yeyyadi Mangalore

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202441007383	TEMP/E-1/8519/2024-CHE	1920	7151	FORM 1	A NOVEL PHOTOCATALYTIC HYDROGEN FUEL CELL WITH IN-SITU HYDROGEN GENERATION

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001319742	Online Bank Transfer	0302240006127	1920.00	1475001020000001

Total Amount : ₹ 1920.00
Amount in Words: Rupees One Thousand Nine Hundred Twenty Only
Received from Richard Pinto the sum of ₹ 1920.00 on account of Payment of fee for above mentioned Application/Forms.
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FORM 1 THE PATENTS ACT 1970 (39 of 1970) & The Patent Rules, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 & 135, and rule 20(1))		(FOR OFFICE USE ONLY) Application No: Filing Date: Amount of fee paid: CBR No: Signature:	
		Application No.	
		Filing date:	
		Amount of Fee paid:	
		CBR No:	
		Signature	
1. APPLICANT'S REFERENCE / IDENTITY NUMBER. (AS ALLOTTED BY OFFICE)			
2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]			
Ordinary ()		Convention ()	
Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()
		PCT-NP ()	
		Divisional ()	Patent of Addition ()
3A. APPLICANTS			
Name in Full	Nationality	Country of Residence	Address of Applicant
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Indian	India	SHOBHAVANA CAMPUS, MIJAR, MOODBIDRI, DAKSHINA KANNADA - 574225, KARNATAKA, INDIA
3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]			
Natural Person ()			
			Others ()
4. INVENTOR(S) [Please tick (✓) at the appropriate category]			
Are all the inventor(s) same as the applicant(s) named above?	Yes ()	No ()	
If NO furnish the details of the inventors			
Name in Full	Nationality	Country of Residence	Address of Inventor (s)
RICHARD PINTO	Indian	India	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, SHOBHAVANA CAMPUS, MIJAR, MOODBIDRI, DAKSHINA KANNADA - 574225, KARNATAKA, INDIA
JAYARAMA ARASALIKE	Indian	India	DEPARTMENT OF PHYSICS, ALVA'S INSTITUTE OF ENGINEERING AND

			TECHNOLOGY, SHOBHAVANA CAMPUS, MIJAR, MOODBIDRI, DAKSHINA KANNADA - 574225, KARNATAKA, INDIA			
SATYANARAYAN	Indian	India	DEPARTMENT OF MECHANICAL ENGINEERING, ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, SHOBHAVANA CAMPUS, MIJAR, MOODBIDRI, DAKSHINA KANNADA - 574225, KARNATAKA, INDIA			
SHRIGANESH PRABHU	Indian	India	DEPARTMENT OF CONDENSED MATTER PHYSICS AND MATERIAL SCIENCE, TATA INSTITUTE OF FUNDAMENTAL RESEARCH, MUMBAI, 400005			
SIDDHARTHA PRAKASH DUTTAGUPTA	Indian	India	DEPARTMENT OF ELECTRICAL ENGINEERING, INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY, MUMBAI, 400076			
ARNAB DUTTA	Indian	India	DEPARTMENT OF CHEMISTRY, INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY, MUMBAI, 400076			
SANJOG SUNIL NAGARKAR	Indian	India	DEPARTMENT OF CHEMISTRY, INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY, MUMBAI, 400076			
5. TITLE OF THE INVENTION						
"A NOVEL PHOTOCATALYTIC HYDROGEN FUEL CELL WITH IN-SITU HYDROGEN GENERATION "						
6. AUTHORIZED REGISTERED PATENT AGENT(S)				NA		
			Name	NA		
			Mobile no.	NA		
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA			Name	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY		
			Postal Address	SHOBHAVANA CAMPUS, MIJAR, MOODBIDRI, DAKSHINA KANNADA - 574225, KARNATAKA, INDIA		
			Telephone No.	-		
			Mobile No.	09892818760		
			Fax No.	08258 - 262726		
			E-Mail ID	rpinto1942@gmail.com		
			8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILLED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION			
Country	Application number	Filing date	Name of applicant	Title of invention	IPC (as classified in the convention country)	
Not Applicable						
9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF						

INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATIVE TREATY (PCT)

International application number: Not Applicable	International filing date: Not Applicable
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10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION

Original (first) application number: Not Applicable	Date of filing of Original (first) application: Not Applicable
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11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICANT OR PATENT

Main application/ Patent Number: Not Applicable	Date of Filing of main application: Not Applicable
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12. **DECLARATION**

i) Declaration by the inventors

(In case the applicant is an assignee: the inventors may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/ electronic transmission duly authenticated within the prescribed period)

We, the above named inventors are the true and first inventors for this invention and declare that the applicants herein are our assignee or legal representative.

(i)

(a) Date: 03-02-2024

(b) Signature of the inventors:

(c) Name: **RICHARD PINTO**



(ii)

(a) Date: 03-02-2024

(b) Signature of the inventors:

(c) Name: **JAYARAMA ARASALIKE**

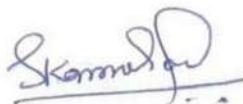


(iii)

(a) Date: 03-02-2024

(b) Signature of the inventors:

(c) Name: **SATYANARAYAN**

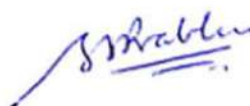


(iv)

(a) Date: 03-02-2024

(b) Signature of the inventors:

(c) Name: **SHRIGANESH PRABHU**



v)

(a) Date: 03-02-2024

(b) Signature of the inventors:

(c) Name: **SIDDHARTHA PRAKASH DUTTAGUPTA**



vi)

(a) Date: 03-02-2024

(b) Signature of the inventors:

(c) Name: **ARNAB DUTTA**

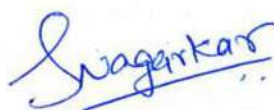


(vii)

(a) Date: 03-02-2024

(b) Signature of the inventors:

(c) Name: **SANJOG S. NAGARKAR**



ii) Declaration by the applicant:

I, the applicant hereby declare that:-

☐ I am in possession of the above mentioned invention.

- ☐ The provisional/complete specification relating to the invention is filed with this application.
- ☐ The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by us before the grant of the patent to us.
- ☐ There is no lawful ground of objection to the grant of the patent to us.
- ☐ I am the assignee or legal representative of true and first inventors.
- ☐ The application for each of the applications, particulars of which are given in Para 5 was the first application in convention country/countries in respect of our invention.
- ☐ I claim the priority from the above-mentioned applications filed in a convention country and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which we derive the title.
- ☐ My application in India is based on an international application under Patent Cooperation Treaty (PCT) as mentioned in Para – 9.
- ☐ The application is divided out of our application particulars of which are given in Para-10 and pray that this application may be treated as deemed to have been filed on.....under section 16 of the Act.
- ☐ The said invention is an improvement in or modification of the invention particulars of which are given in Para-11

13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION

(a) Form 2

Item	Details	Fee	Remarks
Complete specification	No. of Pages : 24		
No. of Claims	No. of claims : 2 No. of Pages : 2		
Abstract	No. of Pages : 1		
No. of Drawings	No. of drawings : 5 No. of pages : 5		

In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of drawings for the complete specification under rule 13(4) , the number of such pages filed with the provisional specification are required to mentioned here.

(b) Complete specification (in confirmation with the international application)/ as amended before the International preliminary Examination Authority (IPEA), as applicable (2 copies).

(c) Sequence listing in electronic format.

(d) Drawing (in confirmation with the international application)/ as amended before the International preliminary Examination Authority (IPEA), as applicable (2 copies).

(e) Priority document (s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.

(f) Translation of priority document/ Specification/ International Search Report/ International Preliminary Report on Patentability.

(g) Statement and Undertaking on Form 3.

(h) Declaration of Inventor ship on Form 5.

(i) Power of Attorney.

(j) Total Fee ₹ ----- in Cheque bearing no: _____ dated this _____ drawn from _____ bank, _____.

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

Dated this 3rd day of February, 2024.

For **ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY,**

Authorized Signatory:

Name in full: Sri. Vivek Alva

Designation: Managing Trustee

Seal:

To,
The Controller of Patents,
Patent Office Chennai,
Chennai – 600 032.



Vivek M Alva
Managing Trustee
Alva's Education Foundation (R)
Moodbidri - 574 227