

From

Dr. R. Balagurunathan
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Date: 02.02.2022

Place: Salem

To

Deputy Controller of Patents & Designs and Head of Office
Patent Office Intellectual Property Building
G.S.T Road, Guindy,
Chennai-600032

Respected sir

Sub: Physical Patent filling –reg

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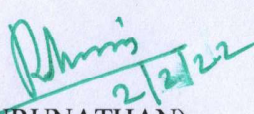
I would like to file a physical patent of my invention entitled “**Biohydrogen from saccharolytic actinobacteria**”. Herewith I am sending the provisional specification along with processing fee of Rs. 1750/- as demand draft (**DD No: 856196 DATE: 01/02/2022 BANK: Canara Bank**) for your kind perusal. I request you to kindly process my application.

Thanking you

Yours sincerely

Encl.:

1. Demand Draft -856196
2. Form-1
3. Form-2
4. Form-3
5. Form-5


(R. BALAGURUNATHAN)
Dr. R. BALAGURUNATHAN
Professor & Head
Department of Microbiology
Periyar University
Periyar Palkealai Nagar
Salem-636 011. TN

Manipal Technologies Limited, Manipal / CTS-2010



सेलम पेरियार विश्वविद्यालय - ६३६०११

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VALID TO
CB

यह लिखित जारी करने का तारीख से तीन महीने तक वैध है।
three months only from the date of instruments

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1,750.00

Purchaser Name: DR R BALAGURUNATHAN

DR R. BALAGURUNATHAN

केनरा बैंक Canara Bank

कृते कनरा बैंक For Canara Bank

20	40	71	10
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20. FINANCIAL ACCOUNTS SECTION (1760)

DRAWEE BRANCH, D.P. CODE

प्राधिकृत हस्ताक्षर कर्ता

नाम	डिजाइन
NAME	DESIGN

ह.अ.सं.
S.P. No

प्राधिकृत हस्ताक्षर करना

नाम	डिजाइन
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₹ एक लाख और उससे अधिक डीमांड ड्राफ्ट के लिए दो प्रमाणित और अनिवार्य वी.एस.आर. चाहिए। Demand Drafts of ₹1 Lakh and above require signature of two authorised signatories.

Please sign above

OFFICE: 720.36.

11856196 000015000 108450 16

SP. NO: 120

FORM 1 THE PATENTS ACT 1970 (39 of 1970) & The Patents 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:		
1. APPLICANT'S REFERENCE/ IDENTIFICATION NUMBER (AS ALLOTTED BY OFFICE)					
2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]					
Ordinary (✓)		Convention ()		PCT-NP()	
Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()
3(A). APPLICANT (S)					
Name in Full		Nationality	Country of Residence	Address of Applicant	
Dr. R. Balagurunathan		Indian	India	House No.	Periyar University
				Street	Periyar Palkalai Nagar
				City	Salem
				State	Tamil Nadu
				Country	India
				Pin code	636011
Dr. A. Sivarajan		Indian	India	House No.	Periyar University
				Street	Periyar Palkalai Nagar
				City	Salem
				State	Tamil Nadu
				Country	India
				Pin code	636011
Dr. M. Sangeetha		Indian	India	House No.	Periyar University
				Street	Periyar Palkalai Nagar
				City	Salem
				State	Tamil Nadu

			Country	India
			Pin code	636011
Dr. M. Radhakrishnan	Indian	India	House No.	Sathyabama Institute of Science and Technology
			Street	Jeppiaar Nagar, Rajiv Gandhi Salai
			City	Chennai
			State	Tamil Nadu
			Country	India
			Pin code	600119

3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]

Natural Person (✓)	Other than Natural Person		
	Small Entity ()	Startup ()	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 Inventor (s)		

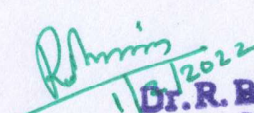
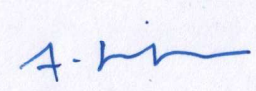
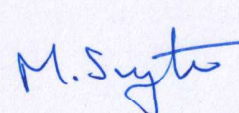
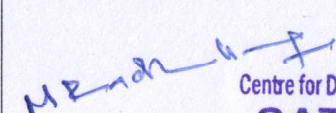
5. TITLE OF THE INVENTION:

Biohydrogen from saccharolytic actinobacteria

6. AUTHORISED REGISTERED PATENT AGENT(S)	IN/PA No.	
	Name	
	Mobile No.	
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA	Name	
	Postal Address	
	Telephone No.	
	Mobile No.	
	Fax No.	
	E-mail ID	

8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION

Country	Application Number	Filing Date	Name of the Applicant	Title of the Invention	IPC (as classified in the convention country)

NA	NA	NA	NA	NA	NA
9. IN CASE OF PCT NATIONAL PHASE APPLICATION PARTICULARS FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION					
International Application Number			International Filing Date		
NA			NA		
10. IN CASE OF DIVISIONAL APPLICATION FILED UNDER SECTION 16, PARTICULARS OF ORIGINAL (FIRST) APPLICATION					
Original (first) application No.			Date of filing of original (first) application		
NA			NA		
11. IN CASE OF PATENT ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT					
Main Application Number			Date of filing of Main application		
NA			NA		
12. DECLARATIONS					
(i) DECLARATION BY THE INVENTOR (S)					
We the above named Inventors are the true and first Inventor of this Invention and declare that the Applicant(s) herein is our Assignee or Legal Representative.					
Dated this ____ day of _____ 2022					
 DR. R. BALAGURUNATHAN Professor & Head Department of Microbiology Periyar University Periyar Palkalai Nagar Salem-636 011 TN			 Dr. A. Sivarajan		
 Dr. M. Sangeetha			 SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY) Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.		
ii). DECLARATION BY THE APPLICANT (S)					

We, the Applicant hereby declare that:-

- ☒ ~~I am~~/We are 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 ~~me~~/us before the grant of patent to ~~me~~/us.
- ☒ There is no lawful ground of objection(s) to the grant of the Patent to ~~me~~/us.
- ☒ ~~I am~~/We are the true & first inventor(s).
- ☒ ~~I am~~/We are the assignee or legal representative of true & first inventor(s).
- ☒ The application or each of the applications, particulars of which are given in Paragraph-8, was the first application in convention country/countries in respect of my/our invention(s).
- ☒ I/We claim the priority from the above mentioned application(s) filed in convention country/countries 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 I/We derive the title.
- ☒ My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- ☒ The application is divided out of my /our application particulars of which is given in Paragraph-10 and prays that this application may be treated as deemed to have been filed on DD/MM/YYYY under section 16 of the Act.
- ☒ The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph-11.

13. Following are the attachments with the application:

(a) Form 2

Item	Details	Fee	Remarks
Provisional Specification	No. of pages: 3	Rs. 1750/-	-
No. of Claim(s)	NA		
Abstract	NA		
No. Drawing(s)	1	-	

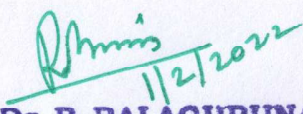
- (b) Statement and Undertaking on Form 3
(c) Original Power of Attorney
(d) Total fee [●] in Banker's Cheque bearing no. [●]
Date [●] drawn on Axis Bank, Chennai

We hereby declare that to the best of our knowledge, information and belief 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 01 day of February 2022

Signature:

Name:


Dr. R. BALAGURUNATHAN
Professor & Head
Department of Microbiology
Periyar University
Periyar Palkalai Nagar
Salem-636 011. TN

To,
The Controller of Patents,
The Patent Office, At Chennai

FORM 2
THE PATENTS ACT, 1970
 (39 of 1970)
 and
THE PATENTS RULES, 2003
PROVISIONAL/COMPLETE SPECIFICATION
 (See section 10; Rule 13)

1. Name of the Invention:

Biohydrogen from saccharolytic actinobacteria

2. Applicant (s):

Name : Dr. R. Balagurunathan
 Nationality : Indian
 Address : Department of Microbiology, Periyar University, Periyar Palkalai
 Nagar, Salem-636011.

Name : Dr. A. Sivarajan
 Nationality : Indian
 Address : Department of Microbiology, Periyar University, Periyar Palkalai
 Nagar, Salem-636011.

Name : Dr. M. Sangeetha
 Nationality : Indian
 Address : Department of Microbiology, Periyar University, Periyar Palkalai
 Nagar, Salem-636011.

Name : Dr. M. Radhakrishnan
 Nationality : Indian
 Address : Centre for Drug Discovery and Development
 Sathyabama Institute of Science and Technology,
 Jeppiaar Nagar, Rajiv Gandhi Road (OMR),
 Chennai-600119.

3. Preamble to the Description

PROVISIONAL

The following specification describes the invention

COMPLETE

The following specification particularly describes the invention and the manner in which it is to be performed

4. Description:

Attached separately

5. Claims (not applicable for Provisional Specification, claims should start with the preamble— “I/We claim” on separate page)

Not applicable

6. Date and Signature (to be given at the end of last page of specification)

Attached separately

7. ABSTRACT OF THE INVENTION (to be given along with complete specification on separate page)