

# **ETHIRAJ COLLEGE FOR WOMEN (Autonomous)**

**Chennai – 600 008**

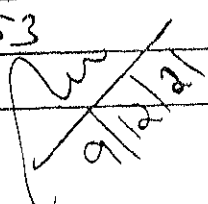
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**3.4.3a**

**Patents**



<b>FORM 1</b> <b>THE PATENTS ACT 1970</b> (39 of 1970) & <b>The Patent Rules, 2003</b> <b>APPLICATION FOR GRANT OF PATENT</b> (See section 7, 54 & 135, and rule 20(1))		<b>(FOR OFFICE USE ONLY)</b> Application No: Filing Date: Amount of fee paid: CBR No: Signature:	
		Application No.	20214105725
		Filing date:	09/12/2021
		Amount of Fee Paid	8800/-
		CBR No.	46053
		Signature	
1. APPLICANT'S REFERENCE/ IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)			
2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]			
<input checked="" type="checkbox"/> Ordinary (✓)		<input type="checkbox"/> Convention ( )	
<input type="checkbox"/> PCT - NP ( )		<input type="checkbox"/> Patent of Addition ( )	
<input type="checkbox"/> Divisional ( )	<input type="checkbox"/> Patent of Addition ( )	<input type="checkbox"/> Divisional ( )	<input type="checkbox"/> Patent of Addition ( )
3A. APPLICANT(S)			
Name in Full	Nationality	Country of Residence	Address of the Applicant
ETHIRAJ COLLEGE FOR WOMEN, CHENNAI	INDIAN	INDIA	House No.
			Principal, Associate Professor & Head, Ethiraj College for Women (Autonomous)
			Street
			No: 70, Ethiraj Salai
			City
			Chennai
State	TamilNadu		
Country	India		
Pin code	600 008		
3B CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]			
<input type="checkbox"/> Natural Person ( )		<input type="checkbox"/> Other than Natural Person	
		<input type="checkbox"/> Small Entity ( )	<input type="checkbox"/> Startup ( )
		<input checked="" type="checkbox"/> Others (✓)	
4. INVENTOR(S) [Please tick (✓) at the appropriate category]			

uy-Dec-2021/113052/202141057251/Form 1

**OF MAIN APPLICATION OR PATENT**

Main application/ Patent Number

Date of Filing of main application

N.A.

**12. DECLARATIONS:****i) Declaration by the inventor(s):**

I, the above named inventor am the true and the first inventor for this invention.

(a) Date:

07/12/2021

(b) Signature of the inventor:

S. Kothai.

(c) Name:

S. KOTHAI

I, the above named inventor am the true and the first inventor for this invention.

(a) Date:

07/12/2021

(b) Signature of the inventor:

R. Aswini

(c) Name:

ASWINI. R

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

NIL

U9-DEC-2021/113052/202141057251/Form 1

PATENT OFFICE CHENNAI 10/12/2021 14:44



ORIGINAL

मूल/No : 128097



भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र  
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No. : 374387-001  
तारीख / Date : 18/11/2022  
पारस्परिकता तारीख / Reciprocity Date\* :  
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **PORTABLE WATER PURIFICATION DEVICE** से संबंधित है, का पंजीकरण, श्रेणी **23-01** में 1.Dr Vishnu Kiran Manam 2. Dr Aruna Kumari Nakkella 3.Dr. E. Gayathiri 4.Dr. Prashant Mahalle 5.Haresh S. Kalasariya 6.Dr. R. Dineshkumar 7.Dr. P. Mahalakshmi 8.Dr. S. Deepa Rani 9.Dr. Parvathi 10.Bhavya. S 11.Ramoji Rao Jogi 12.Dr. Ashish Kumar, और अन्य के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

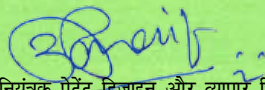
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **23-01** in respect of the application of such design to **PORTABLE WATER PURIFICATION DEVICE** in the name of 1.Dr Vishnu Kiran Manam 2. Dr Aruna Kumari Nakkella 3.Dr. E. Gayathiri 4.Dr. Prashant Mahalle 5.Haresh S. Kalasariya 6.Dr. R. Dineshkumar 7.Dr. P. Mahalakshmi 8.Dr. S. Deepa Rani 9.Dr. Parvathi 10.Bhavya. S 11.Ramoji Rao Jogi 12.Dr. Ashish Kumar, et al.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

INTELLECTUAL  
PROPERTY INDIA  
PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS

निर्गमन की तारीख/Date of Issue : 01/02/2023

  
महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न  
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

\*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.





Office of the Controller General of Patents, Designs & Trade Marks  
 Department of Industrial Policy & Promotion,  
 Ministry of Commerce & Industry,  
 Government of India

(<http://ipindia.nic.in/index.htm>)

Dr.P.Harshini, Department of English



(<http://ipindia.nic.in/index.htm>)

### Application Details

APPLICATION NUMBER	202221005295
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	31/01/2022
APPLICANT NAME	1 . Ms.Nirupama Prakash k 2 . P. Tamilarasan 3 . Dr.Ramkishan Manjre 4 . Dr. S.Vijayakumar 5 . Dr. N. Sheik Hameed 6 . Dr. P.Harshini 7 . Dr. T. Chinnadurai
TITLE OF INVENTION	SOCIO-ARTISTIC MODEL TO MEASURE THE CULTURE HERITAGE ENVIRONMENT
FIELD OF INVENTION	METALLURGY
E-MAIL (As Per Record)	niruprakashk@gmail.com
ADDITIONAL-EMAIL (As Per Record)	niruprakashk@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	25/02/2022

### Application Status



710012988

FORM I THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT (See section 7, 54 and 135 and sub-rule (1) of rule 20)				(FOR OFFICE USE ONLY)	
		Application No.	202241059957		
		Filing date:	20/10/2022		
		Amount of Fee paid:	1750/-		
		CBR No:	42391		
		Signature:	P.V. 20/10/22		
1. APPLICANTS REFERENCE/ IDENTIFICATION NO. (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 ( )
3A. APPLICANT(S)					
Name in Full		Nationality	Country of Residence	Address of the Applicant	
Dr Sumitha .J Assistant Professor, Department of Microbiology		Indian	India	House No.	JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN(Autonomous)
				Street	56, KB Dasan Rd, Teynampet
				City	Chennai
				State	Tamilnadu
				Country	India
				Pin code	600018
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				Street	56, KB Dasan Rd, Teynampet
				City	Chennai
				State	Tamilnadu
				Country	India
				Pin code	600018
Dr. S.KANEEZ FATHIMA Assistant Professor, P.G & Research		Indian	India	House No.	JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN(Autonomous)
				Street	56, KB Dasan Rd, Teynampet

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Department of Zoology			Street	56, KB Dasan Rd, Teynampet
			City	Chennai
			State	Tamilnadu
			Country	India
			Pin code	600018
Dr. V. Gayathri Associate professor Department of Microbiology	Indian	India	House No.	Ethiraj College for Women
			Street	70, Ethiraj Salai, Egmore
			City	Chennai
			State	Tamilnadu
			Country	India
			Pin code	600008

**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 ( )
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**5. TITLE OF THE INVENTION: A SEARCH FOR AN ECO FRIENDLY ALTERNATIVE FOR LPCB - USE OF CURCUMA LONGA, COFFEA ARABICA, AND BETA VULGARIS TO STAIN FUNGI ISOLATED FROM VEGETABLE SPOILAGE**

**6. AUTHORISED REGISTERED PATENT 21 / 1 UIN/PANo. 22 | 11: 25**

AGENT(S)		Name			
		Mobile No			
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA		Name Postal Address	JUSTICE BASHEER AHMED SAYEED COLLEGE FOR WOMEN(Autonomous),Chennai -600018		
Dr Sumitha .J Assistant Professor, Department of Microbiology		Telephone No.			
		Mobile No.	7200022582		
		Fax No.			
		Email ID:	Sumitha.j@jbascollege.edu.in		
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)
9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FILED UNDER PATENT CO-OPERATION TREATY (PCT)					
International application number			International filing date		

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
11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT	
Main application/patent No.	Date of filing of main application
12. DECLARATIONS	
<p>(i) Declaration by the inventor(s) (In case the applicant is an assignee: the inventor(s) may sign here in 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). I/We, the above named inventor(s) is/are the true &amp; first inventor(s) for this Invention and declare that the applicant(s) herein is/are my/ our assignee or legal representative.</p> <p>(a) Date (b) Signature(s) (c) Name(s)</p>	



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

(In case the applicant in India is different than the applicant in the convention country: the applicant in the convention country may sign herein be low or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)

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 signatory

**(iii) Declaration by the applicant(s)**

I/We the applicant(s) hereby declare(s) 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.

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) Form2





Item	Details	Fee	Remarks
Complete specification	No. of pages pages 7	-	-
No. of Claim(s)	No. of claims 6 & No. of Page 1	-	-
Abstract	No. of page 1	-	-
No. of Drawing(s)	No. of drawings - & No. of page-	-	-

#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 the drawings for the complete specification under rule 13 (4), the number of such pages filed with the provisional specification are required to be mentioned here: 11 = 25

- (b) Complete specification (in conformation with the international application) / as amended before the International Preliminary Examination Authority (IPEA), as applicable (2copies).
- (c) Sequence listing in electronic form
- (d) Drawings (in conformation with the international application)/ as amended before the International Preliminary Examination Authority (IPEA), as applicable (2copies).
- (e) Priority document(s) or is quest 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 Patent ability.
- (g) Statement and Undertaking on Form 3 (h) Declaration of Inventor ship on Form 5 (i) Power of Authority
- (j).....

Total feeRs. in Cash Date .....

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

		
Dr Sumitha J	Dr.B.Saritha,	Dr. S.Kaneez Fathima
		
Dr. V. Gayathri		

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

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