
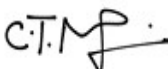




<p align="center">FORM 1</p> <p align="center">THE PATENTS ACT 1970</p> <p align="center">(39 of 1970)</p> <p align="center">&</p> <p align="center">The Patents rules, 2003</p> <p align="center">APPLICATION FOR GRANT OF PATENT</p> <p align="center">[See section 7, 54 & 135 and rule 20 (1)]</p>				<p align="center">(FOR OFFICE USE ONLY)</p> <p>Application No:</p> <p>Filing Date:</p> <p>Amount of Fee Paid:</p> <p>CBR No:</p> <p>Signature:</p>																							
<p>1. APPLICANT'S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)</p>																											
<p>2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]</p> <table border="1"> <tr> <td colspan="2">Ordinary (✓)</td> <td colspan="2">Convention ()</td> <td colspan="2">PCT-NP ()</td> </tr> <tr> <td>Divisional ()</td> <td>Patent of Addition ()</td> <td>Divisional ()</td> <td>Patent of Addition ()</td> <td>Divisional ()</td> <td>Patent of Addition ()</td> </tr> </table>								Ordinary (✓)		Convention ()		PCT-NP ()		Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()								
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Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()	Divisional ()	Patent of Addition ()																						
<p>3. (3A) APPLICANT</p> <table border="1"> <tr> <th>Name</th> <th>Nationality</th> <th>Country of Residence</th> <th>Address</th> </tr> <tr> <td>Ms.Joshikha M</td> <td>Indian</td> <td>India</td> <td>UG Student, Department of CSE SRM Institute of Science & Technology, Kattankulathur, Kancheepuram District, Chennai Pin: 603203 State: Tamilnadu Country: India</td> </tr> <tr> <td>Dr.C.T. Manimegalai</td> <td>Indian</td> <td>India</td> <td>Associate Professor, Department of ECE, SRM Institute of Science & Technology, Kattankulathur, Kancheepuram District, Chennai Pin: 603203 State: Tamilnadu Country: India</td> </tr> <tr> <td>Dr.E. Anna Devi</td> <td>Indian</td> <td>India</td> <td>Associate professor, Department of ECE, Sathyabama Institute of Science and Technology, Chennai Pin :600 119 State: Tamilnadu Country:India</td> </tr> <tr> <td>Dr.E.Dhiravidachelvi</td> <td>Indian</td> <td>India</td> <td>Professor, Department of ECE, Mohamed Sathak A.J College of Engineering,</td> </tr> </table>								Name	Nationality	Country of Residence	Address	Ms.Joshikha M	Indian	India	UG Student, Department of CSE SRM Institute of Science & Technology, Kattankulathur, Kancheepuram District, Chennai Pin: 603203 State: Tamilnadu Country: India	Dr.C.T. Manimegalai	Indian	India	Associate Professor, Department of ECE, SRM Institute of Science & Technology, Kattankulathur, Kancheepuram District, Chennai Pin: 603203 State: Tamilnadu Country: India	Dr.E. Anna Devi	Indian	India	Associate professor, Department of ECE, Sathyabama Institute of Science and Technology, Chennai Pin :600 119 State: Tamilnadu Country:India	Dr.E.Dhiravidachelvi	Indian	India	Professor, Department of ECE, Mohamed Sathak A.J College of Engineering,
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			Siruseri, Chennai Pin : 603103 State: Tamilnadu Country:India		
3B. CATEGORY OF APPLICANT [Please tick (√) at the appropriate category]					
Natural Person (√)		Other than Natural Person			
		Small Entity ()	Start up ()	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)					
Name	Nationality	Country of Residence	Address		
5. TITLE OF THE INVENTION Detection of Plant- Disease by using Image- Processing and Machine Learning Technologies					
6. AUTHORISED REGISTERED PATENT AGENT(S)			IN/PA No.	3637	
			Name	Saurabh Kumar Jain	
			Mobile No.		
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA Dr.R.Thandaiah Prabu, Kattupakkam, Chennai Tamilnadu, India PIN: 600056			Telephone No. NA Mobile No. +91-9751445529 E-mail: thandaiahprabu@gmail.com		
8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION					
Country	Application Number	Filing	Name of the	Title of the invention	IPC (as classified in the convention

		date	applicant		country)
-NA-	-NA-	-NA-	-NA-	-NA-	-NA-
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		
-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 OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT					
Main application/patent No.			Date of filing of main application		
-NA-			-NA-		
12. DECLARATIONS:					
<p>(i) Declaration by inventor (s)</p> <p>(In case the applicant is an assignee: the inventor(s) 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).</p> <p>I/We, the above-named inventor(s) 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.</p> <p>(a) Date: 31/01/2022</p> <p>(b) Signature:</p> <p>(c) Name:</p> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;">  Ms.Joshikha M </div> <div style="text-align: center;">  Dr.C.T. Manimegalai </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;">  Dr.E. Anna Devi </div> <div style="text-align: center;">  Dr.E.Dhiravidachelvi </div> </div>					

(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 below 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) -----NA-----

(c) Name(s) of the signatory

(ii) Declaration by the applicant:

I/We, the applicant hereby declares that:-

- ☐ I am /we are in prosession 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 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 pray 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.

(d) Following are the attachments with the application:

(a) Form 2

Item	Detail	Fee	Remark
Complete specification	No. of pages: 08	1, 600	
No. of Claim(s)	No. of claims: 08 No. of pages: 01		
Abstract	No. of pages: 01		
Drawings	No. of drawings: 03 No. of Pages: 02		
Priority	No. of Priorities:		

~~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.~~

(a) ~~Provisioanl specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).~~

(b) ~~Sequence listing in electronic form~~

(c) ~~Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).~~

(d) ~~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.~~

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

(f) ~~Statement and Undertaking on Form 3~~

(g) ~~Declaration of Inventorship on Form 5~~

Total fee Rs. in Cash/ Banker's Cheque /Bank Draft bearing No.....
date.....on Bank

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

Dated this 31st day of January, 2022



Saurabh Kumar Jain
(IN/PA-3637)
Agent for Applicant

To,
The Controller of Patents
The Patent Office, At Delhi/Mumbai/Chennai/Kolkata, India.