



Controller General of Patents, Designs and Trademarks
Department of Industrial Policy and Promotion
Ministry of Commerce and Industry

Application Details

APPLICATION NUMBER	202141008994
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/03/2021
APPLICANT NAME	1. Dr. K. Meena 2. Dr. K. P. Sanal Kumar 3. Dr. S. Anu H Nair 4. Dr. K. Saravanan 5. E. P. Prakash 6. K. Karthikeyan 7. Dr. D. Jebakumar Immanuel 8. P. Ramya
TITLE OF INVENTION	IOT BASED SMART AIR CONDITIONER CONTROLLER FOR CLEAN ROOM
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	ramyarajjuly@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	03/03/2021
PUBLICATION DATE (U/S 11A)	12/03/2021

Application Status

APPLICATION STATUS	Application Awaiting Examination
	View Documents

➡ Filed ➡ RQ Filed ➡ Published ➡ Under Examination ➡ Disposed

FORM 1 THE PATENTS ACT, 1970 (39 OF 1970) & The Patents Rules, 2003 APPLICATION FOR GRANT OF PATENT [See section 7,54 & 135 and sub rule 1 of rule 20]				(FOR OFFICE USE ONLY)			
				Application Number:			
				Filing Date:			
				Amount of fee paid:			
				CBR No:			
				Signature:			
1. APPLICANTS REFERENCE [IDENTIFICATION NUMBER (as allotted by office)]							
2. TYPE OF APPLICATION (Please click (✓) at the appropriate category)							
Ordinary (✓)			Convention ()		PCT-NP ()		
Divisional ()	Patent of addition ()	Divisional ()	Patent of addition ()	Divisional ()	Patent of addition ()		
3. APPLICANT(S)							
Name in full		Nationality	Country of Residence	Address of the Applicant			
Dr. K. Meena		INDIAN	INDIA	F1, Atria homes, VOC Street, Avadi, Chennai, Tamilnadu, India-600054.			
Dr. K. P. Sanal Kumar		INDIAN	INDIA	13b, Kumaran street, Rajeswari nagar Extn, Selaiyur, Chennai, Tamil Nadu, India-600073.			
Dr. S. Anu H Nair		INDIAN	INDIA	13b, Kumaran street, Rajeswari nagar Extn, Selaiyur, Chennai, Tamil Nadu, India-600073.			
Dr. K. Saravanan		INDIAN	INDIA	No.13/62, Selliammanpalayam, sendamangalam, Namakkal, Tamilnadu India-637409.			
E. P. Prakash		INDIAN	INDIA	2/3, Villakattuthottam, Erode, Tamilnadu, India-638316.			
K. Karthikeyan		INDIAN	INDIA	36, Om Murugha street ,thaneer Panthal, Coimbatore, Tamil nadu, India-641004			
Dr. D. Jebakumar Immanuel		INDIAN	INDIA	Old no: 3-64, New no: 3/72, Thoppur, Eluvaramukki, Thailapuram post, Sathankulam, Thoothukudi, India-628617.			

P. Ramya	INDIAN	INDIA	32A, Second Street East, Annai Velankanni Nagar, Vinayagapuram, Coimbatore – 641035.
3B. CATEGORY OF APPLICANT (Please click (✓) at the appropriate category)			
Natural person (✓)	Other than Natural person		
	Small entity ()		Others ()
4. INVENTOR(S) (Please click (✓) 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 in Full	Nationality	Country of Residence	Address of the Inventor
Dr. K. Meena	INDIAN	INDIA	F1, Atria homes, VOC Street, Avadi, Chennai, Tamilnadu, India-600054.
Dr. K. P. Sanal Kumar	INDIAN	INDIA	13b, Kumaran street, Rajeswari nagar Extn, Selayur, Chennai, Tamil Nadu, India-600073.
Dr. S. Anu H Nair	INDIAN	INDIA	13b, Kumaran street, Rajeswari nagar Extn, Selayur, Chennai, Tamil Nadu, India-600073.
Dr. K. Saravanan	INDIAN	INDIA	No.13/62, Selliammanpalayam, sendamangalam, Namakkal, Tamilnadu India-637409.
E. P. Prakash	INDIAN	INDIA	2/3, Villakattuthottam, Erode, Tamilnadu, India-638316.
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Dr. D. Jebakumar Immanuel	INDIAN	INDIA	Old no: 3-64, New no: 3/72, Thoppur, Eluvaraimukki, Thailapuram post, Sathankulam, Thoothukudi, India-628617.
Ms. P. Ramya	INDIAN	INDIA	32A, Second Street East, Annai Velankanni Nagar, Vinayagapuram, Coimbatore – 641035.
5. TITLE OF THE INVENTION			
IoT BASED SMART AIR CONDITIONER CONTROLLER FOR CLEAN ROOM			
6. AUTHORISED REGISTERED PATENT AGENTS(S)		IN/PA No.	
		Name	
		Mobile No.	

7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA				32A, Second Street East, Annai Velankanni Nagar, Vinayagapuram, Coimbatore – 641035. (0) 8973337511 ramyarajjuly@gmail.com	
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 invention	Title of Invention	IPC (as classified in the convention country)
9. IN CASE OF PCT NATIONAL PHASE APPLICATION, PARTICULARS OF INTERNATIONAL APPLICATION FIELD UNDER PATENT COOPERATION 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 original (first) application	
11. IN CASE OF PATENT OF ADDITION, FIELD UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT					
Main application/patent No.				Date of filing of main application	
12. DECLARATIONS					
(i) Declaration by the inventor(s) I, the above named inventor is the true & first inventor for this invention and declare that the applicant herein is my assignee. (a) Date : 03.03.2021 (b) Signature : _____ (c) Name : Dr. K. Meena (a) Date : 03.03.2021 (b) Signature : _____ (c) Name : Dr. K. P. Sanal Kumar (a) Date : 03.03.2021 (b) Signature : _____ (c) Name : Dr. S. Anu H Nair (a) Date : 03.03.2021 (b) Signature : _____ (c) Name : Dr. K. Saravanan (a) Date : 03.03.2021 (b) Signature : _____ (c) Name : E. P. Prakash					

(a) Date : 03.03.2021

(b) Signature :

(c) Name : K. Karthikeyan

(a) Date : 03.03.2021

(b) Signature :

(c) Name : Dr. D. Jebakumar Immanuel

(a) Date : 03.03.2021

(b) Signature :

(c) Name : P. Ramya

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

~~I, the applicant in the convention country declare that the applicant(s) herein is assignee~~

~~(a) Date _____~~

~~(b) Name(s) of the Signatory:~~

(iii) Declaration by the applicant:

I am, the applicant(s) hereby declare(s) that:

- ☒ I am in possession of the above-mentioned invention
- ☐ The 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 patent to me.
- ☐ There is no lawful ground of objection(s) to the grant of the Patent to me.
- ☐ We are the true & first inventors.
- ☐ I am the assignee or legal representative of true & first inventors.
- ☒ 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 invention.
- ☒ I 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 derive the title.
- ☒ My 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 application particulars of which is given in paragraph-10, and pray that this application may be treated as deemed 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~~ / Complete Specification	6 Pages	1600	-
No. Of Claim(s)	5 claims and 1 page	-	-
Abstract	1 page	-	-
No. Of Drawing(s)	2 drawings and 2 pages	-	-
(b) Complete specification ~~(c) Sequence listing in Electronic form~~ (d) Drawings ~~(e) Priority documents or a request to retrieve the priority document(s) from 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 Inventorship on Form 5 (2 copies)~~ ~~(i) Power of Authority~~ (j) Request for Publication on Form 9 (k) Request for Examination on Form 18 I hereby declare that to the best of my knowledge, information and belief the fact and matters stated herein are correct and I request that a patent may be granted to me for the said invention. Dated this 03 day of March 2021 Dr. K. Meena (Applicant) Dr. K. P. Sanal Kumar (Applicant) Dr. S. Anu H Nair (Applicant) Dr. K. Saravanan (Applicant) E. P. Prakash (Applicant) K. Karthikeyan (Applicant) Dr. Jebakumar Immanuel D (Applicant) P. Ramya (Applicant) To, The Controller of Patents The Patent Office, at Chennai			