

Application Details

APPLICATION NUMBER	202041046487
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/10/2020
APPLICANT NAME	1 . Dr.K.Maharajan 2 . Dr.S.Senthil Kumar 3 . Dr.A. Shenbagarajan 4 . Mr.N.Mohamed Athil 5 . Dr. Ashok Koujalagi 6 . Dr.S.Amutha 7 . Dr.Nik Alif Amri Nik Hashim 8 . Dr.Fauzan Hafiz Muhammad Safri 9 . Mr.K.Palraj 10 . Dr.N.N.Murthy
TITLE OF INVENTION	CONCRETE CRACK DETECTION AND QUALITY MONITORING SYSTEM ON GSM-IOT SENSORS WITH RASPBERRY PI
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	dr.k.maharajan@gmail.com
ADDITIONAL-EMAIL (As Per Record)	dr.k.maharajan@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	-
PUBLICATION DATE (U/S 11A)	06/11/2020

Application Status

APPLICATION STATUS	Awaiting Request for Examination
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[View Documents](#)

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

From 1 THE PATENT ACT 1970 (39 of 1970) & THE PATENT 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.	
				Filing Date:	
				Amount of Fee Paid:	
				CBR No:	
				Signature:	
1. APPLICANT'S 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 ()
3.A. APPLICANT(S)					
Name in Full	Nationality	Country of Residence	Address of the Applicant		
Dr.K.Maharajan	Indian	India	House No.	Assistant Professor Dept. of Computer Science and Engineering, Vel Tech Rangarajan Dr.Sagunthala R& D Institute of Science and Technology Chennai-600062 Tamil Nadu, India	
			Street	Chennai	
			City	Chennai	
			State	Tamil Nadu	
			Country	India	
			Pin code	600062	
Dr.S.Senthil Kumar	Indian	India	House No.	Assistant Professor (SG) Dept. of EEE, National Engineering College, Kovilpatti-628503 Tuticorin, Tamil Nadu, India	
			Street	Kovilpatti	
			City	Kovilpatti	
			State	Tamil Nadu	
			Country	India	
			Pin code	628503	
Dr.A. Shenbagarajan	Indian	India	House No.	Associate Professor	

				Dept. of Computer Science and Engineering, AAA College of Engineering & Technology, Sivakasi-626005, Virudhunagar, Tamil Nadu, India
			Street	Sivakasi
			City	Sivakasi
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			Country	India
			Pin code	626005
Mr.N.Mohamed Athil	Indian	India	House No.	Lecturer, Department of Computer and Engineering, Mai-Nefhi College of Engineering and Technology, North East Africa, Eritrea.
			Street	Mai-Nefhi College of Engineering and Technology
			City	North East Africa
			State	North East Africa
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			Pin code	12676
Dr. Ashok Koujalagi	Indian	India	House No.	Assistant Professor Dept. of CSE K L University, Vijayawada-520002 Andhra Pradesh, India
			Street	K L University
			City	Vijayawada
			State	Andhra Pradesh
			Country	India
			Pin code	520002
Dr.S.Amutha	Indian	India	House No.	Software Trainer Concept Solutions Trivandrum-695001
			Street	Trivandrum
			City	Trivandrum
			State	Trivandrum
			Country	Indian
			Pin code	695001
Dr.Nik Alif Amri Nik Hashim	Indian	India	House No.	Lecturer Dept. of Tourism, Faculty of Hospitality, Tourism and Wellness, Universiti Malaysia Kelantan-16100, Kota Bharu Kelantan, Malaysia

			Street	Kota Bharu	
			City	Kota Bharu	
			State	Kelantan	
			Country	Malaysia	
			Pin code	16100	
Dr.Fauzan Hafiz Muhammad Safri	Indian	India	House No.	Lecturer Dept. of Tourism, Faculty of Hospitality, Tourism and Wellness, Universiti Malaysia Kelantan-16100, Kota Bharu Kelantan, Malaysia	
			Street	Kota Bharu	
			City	Kota Bharu	
			State	Kelantan	
			Country	Malaysia	
			Pin code	16100	
Mr.K.Palraj	Indian	India	House No.	Assistant Professor & Head, Dept. of Computer Science and Engineering, Srividya College of Engineering & Technology, Virudhunagar-626001 Tamil Nadu, India	
			Street	Virudhunagar	
			City	Virudhunagar	
			State	Tamil Nadu	
			Country	India	
			Pin code	626001	
Dr.N.N.Murthy	Indian	India	House No.	Director, Jagruthi Kiran Consultants Secretary General, International Benevolent Research Forum, Nagpur -440033, Maharashtra, India	
			Street	Nagpur	
			City	Nagpur	
			State	Maharashtra	
			Country	India	
			Pin code	440033	
3.B. 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 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		
			House No.		
			Street		
			City		
			State		
			Country		
			Pin code		
5. TITLE OF THE INVENTION					
Concrete Crack Detection and Quality Monitoring System on GSM-IoT Sensors with Raspberry Pi					
6.AUTHORISED REGISTERED PATENT AGENT(S)		IN/PA No.	NA		
		Name	NA		
		Mobile No.	NA		
7.ADDRESS FOR SERVICE FOR APPLICANT IN INDIA		Name	Dr.K.Maharajan		
		Postal Address	Assistant Professor Dept. of Computer Science and Engineering, Vel Tech Rangarajan Dr.Sagunthala R& D Institute of Science and Technology Chennai-600062 Tamil Nadu, India		
		Telephone No.	NA		
		Mobile No.	9789764563		
		Fax. No.	NA		
		E-mail ID	dr.k.maharajan@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 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					
(i) Declaration by the inventor(s) (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). We, the above named inventor(s) are the true & first inventor(s) for this Invention and declare that the					

applicant(s) herein are our assignee or legal representative.

(a) Date

1 Signature : 

Name : Dr.K.Maharajan

3 Signature : 

Name : Dr.A. Shenbagarajan

5 Signature : 

Name : Dr. Ashok Koujalagi

7 Signature : 

Name : Dr.Nik Alif Amri Nik Hashim

9 Signature : 

Name : Mr.K.Palraj

2 Signature : 

Name : Dr.S.Senthil Kumar

4 Signature : 

Name : Mr.N.Mohamed Athil

6 Signature : 

Name : Dr.S.Amutha

8 Signature : 

Name : Dr.Fauzan Hafiz Muhammad Safri

10 Signature : 

Name : Dr.N.N.Murthy

(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)~~
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: -

- We are 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 us.
- There is no lawful ground of objection(s) to the grant of the Patent to us.
- We are the true & first inventor(s).
- 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 in respect of our invention(s).
- We claim the priority from the above mentioned application(s) filed in 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 us or by any person from which we derive the title.
- 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 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 _____ 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
Complete Specification	No. of Pages: 8		
No. of Claim(s)	No. of Claims : 3 No. of Pages : 1		
Abstract	No. of Pages : 1		
No. of Drawing(s)	No. of Drawings : 6 No. of Pages : 4		

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.

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

(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 (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 Inventorship on Form 5

(i) Power of Authority

(j).....

Total fee ₹.....in Cash/ Banker's Cheque /Bank Draft bearing No..... Date.....on Bank.

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

Dated this day of 2020

1 Signature : 

Name : Dr.K.Maharajan

2 Signature : 

Name : Dr.S.Senthil Kumar

3 Signature : 

Name : Dr.A. Shenbagarajan

4 Signature : 

Name : Mr.N.Mohamed Athil

5 Signature : 

Name : Dr. Ashok Koujalagi

6 Signature : 

Name : Dr.S.Amutha

7 Signature : 

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Name : Dr.Nik Alif Amri Nik Hashim

Name : Dr.Fauzan Hafiz Muhammad Safri

9 Signature : 

10 Signature : 

Name : Mr.K.Palraj

Name : Dr.N.N.Murthy

To,

The Controller of Patents
The Patent Office, at Chennai