Office of the Controller General of Patents, Designs & Trade Marks
Department for Promotion of Industry and Internal Trade
Ministry of Commerce & Industry,
Government of India

Application Details

APPLICATION NUMBER	202341065509
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/09/2023
APPLICANT NAME	1 . Ravi Kumar 2 . Vibin R 3 . Dr.S.Bharathidasan 4 . Vinoth K 5 . Dr.S.Narendiran 6 . T. Hussain 7 . Dr.G.Sivaraman 8 . Dr. K. Manoharan 9 . S.Shalini 10 . L.THENMOZHI 11 . Dr Gourav kalra 12 . S.Balaji
TITLE OF INVENTION	A SMART HOME ENERGY MANAGEMENT SYSTEM USING ARTIFICIAL INTELLIGENCE AND THE INTERNET OF THINGS
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	13/10/2023

<table>
<tr><td colspan="2">FORM 1
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)</td><td colspan="2">(FOR OFFICE USE ONLY)</td></tr>
<tr><td></td><td>Application No.</td><td></td></tr>
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<tr><td></td><td>Amount of Fee paid:</td><td></td></tr>
<tr><td></td><td>CBR No:</td><td></td></tr>
<tr><td></td><td>Signature:</td><td></td></tr>
</table>

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 ()

3A. APPLICANT(S)

Name in Full	Nationality	Country of Residence	Address of the Applicant
1. Ravi Kumar	Indian	India	Assistant Professor/ CSE-DS, Malla Reddy College of Engineering, Maisammaguda, Dhulapally, Secunderabad, Medchal, Telangana, 500100, India.
2. Vibin R	Indian	India	Assistant Professor/EEE, CMS College of Engineering & Technology, Coimbatore, Tamilnadu, India.
3. Dr.S.Bharathidasan	Indian	India	Associate professor ECE, Erode Sengunthar Engineering College Autonomous, Erode, Perundurai, Tamilnadu, India.
4. Vinoth K	Indian	India	Assistant Professor/CSE, KSR Institute for Engineering and Technology, Tiruchengode- 637 215, Namakkal, Tamil Nadu, India.
5. Dr.S.Narendiran	Indian	India	Associate professor, Sri Krishna College of Technology, Department of EEE, Coimbatore, 641042, Tamilnadu, India.

6. T. Hussain	Indian	India	Assistant Professor, Dept. of EEE, Anurag Engineering College Kodad, Suryapet, Telangana 508206, India.
7. Dr.G.Sivaraman	Indian	India	Assistant Professor, Department of Computer Science, M.G.R.College, Hosur-635130, Krishnagiri, Tamil Nadu, India.
8. Dr. K. Manoharan	Indian	India	Associate Professor, SNS College of Technology, Coimbatore, Tamil Nadu, India.
9. S.Shalini	Indian	India	Asst.prof, Department of Computer Science, M.G.R College, Hosur,635130, Krishnagiri, Tamil Nadu, India.
10. L.THENMOZHI	Indian	India	Research scholar, Department of Computer Science, Periyar University, Salem.636011, Tamilnadu, India.
11. Dr Gourav kalra	Indian	India	Assistant professor, Department of mechanical engineering, maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana, India.
12. S.Balaji	Indian	India	Assistant Professor, EEE Department, KCG College of Technology, Chennai-97, Tamilnadu, India.

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)

Name in Full	Nationality	Country of Residence	Address of the Inventor
Same as Applicant			

5. TITLE OF THE INVENTION

"A SMART HOME ENERGY MANAGEMENT SYSTEM USING ARTIFICIAL INTELLIGENCE AND THE INTERNET OF THINGS"

6. AUTHORISED REGISTERED PATENT AGENT(S)	IN/PA No.	
	Name	