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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)				(FOR OFFICE USE ONLY)	
		Application No.	202241000353		
 700273971		Filing date:	04/01/2022		
		Amount of Fee paid:	1750/-		
		CBR No:	319/		
		Signature:	Mar 1/22		
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	
Dr. S. Selvakanmani		Indian	India	Address	Associate Professor & HOD, Department of Artificial Intelligence & Data Science, Velammal Institute of Technology, Velammal Gardens, Panchetti, Chennai - Kolkatta Highway, Chennai - 601204
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			Mobile	9500372833
			E-mail id	vijaymepcoece@gmail.com
Mr. Mohankumar C E	Indian	India	Address	Assistant Professor, Department of ECE, GRT Institute Of Engineering and Technology, GRT Mahalakshmi Nagar, Chennai-Tirupathi Highway Tiruttani-631209
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			E-mail id	ceramsai@gmail.com
Ms. Priyadarshini G	Indian	India	Address	Lecturer, Department of Computer Engineering, Sri Ranganathar Institute Of Polytechnic College, Athipalayam, Coimbatore – 641110.
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			Mobile	9492064511
			E-mail id	balramcse@anurag.edu.in balaramcse@anurag.edu.in

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Ms. J V S Arundathi	Indian	India	Address	Lecturer, Department of Computer Science Engineering, , SR&BGNR Govt. Arts and Science Degree and PG College(Autonomous), Khammam-507002
			Mobile	9848881973
			E-mail	jvs.arundathi@gmail.com
Ms. Maduri Madhavi	Indian	India	Address	Assistant professor , Department of Artificial Intelligence, Anurag University, Venkatapur, Ghatkesar Medchal District, Hyderabad, Telangana, India - 500088
			Mobile	9849408908
			E-mail	madurimadhavi@gmail.com
Mr. R. Partheepan	Indian	India	Address	Assistant professor, Department of Electronics and Communication Engineering , J.N.N Institute of Engineering ,No:90,Usha Garden, Chennai-Periyapalayam Highway, Kannigaipair, Tamil Nadu- 601102
			Mobile	9965303553
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Mr. Kishore Abishek	Indian	India	Address	Chief Technical Associate, Knowledge Xchange Community, No: 131/2, Emerald Flats, Thirumangalam, Anna Nagar West, Chennai – 600040 Tamil Nadu India
			Mobile	7868849598
			E-mail	mando.kishoreabishck86@gmail.com
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 ()

(a) Signature:

(b) Name: Dr. S. Selvakanmani

(a) Signature:

(b) Name: Dr. S. Prabakeran

(a) Signature:

(b) Name: Mr. Vijay M

(a) Signature:

(b) Name: Mr. Mohankumar C E

(a) Signature:

(b) Name: Ms. Priyadharshini G

(a) Signature:


(b) Name: Mr. Balram G

(a) Signature:

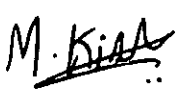
(b) Name: Ms. J V S Arundathi

(a) Signature:

(b) Name: Ms. Maduri Madhavi

(a) Signature: 

(b) Name: Mr. R. Partheepan

(a) Signature: 

(b) Name: Mr. Kishore Abishek

5. TITLE OF THE INVENTION

Machine Vision based IoT enabled Pest Identification Drone with Cloud Computing Data Analytics

6. AUTHORISED REGISTERED PATENT AGENT(S)	IN/PA No.	
	Name	
	Mobile No.	
7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA	Name	Dr. S. Selvakanmani
	Postal Address	Associate Professor & HOD, Department of Artificial Intelligence & Data Science, Velammal Institute of Technology, Velammal Gardens, Panchetti, Chennai – Kolkatta Highway, Chennai - 601204
	State	Tamil Nadu
	Country	India
	Pin Code	601204
	Mobile	8807484799
	E-mail id	sskanmani6@yahoo.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
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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).

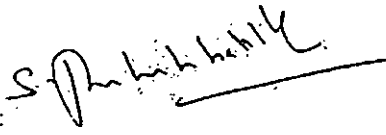
I/We, the above named inventor(s) is/are the true & first inventor(s) for this Invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Signature:



(b) Name: Dr. S. Selvakanmani

(a) Signature:



(b) Name: Dr. S. Prabakeran

(a) Signature:





(b) Name: Mr. Vijay M


(a) Signature:





(b) Name: Mr. Mohankumar C E


(a) Signature: 
(b) Name: Ms. Priyadarshini G

(a) Signature: 
(b) Name: Mr. Balram G

(a) Signature: 
(b) Name: Ms. J V S Arundathi

(a) Signature: 
(b) Name: Ms. Maduri Madhavi

(a) Signature: 
(b) Name: Mr. R. Partheepan

(a) Signature: 
(b) Name: Mr. Kishore Abishek

(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.

(i) Declaration by the applicant(s)

I/We the applicant(s) hereby declare(s) that: -

- (a) I am/ We are in possession of the above-mentioned invention.
- (b) The ~~provisional~~/complete specification relating to the invention is filed with this application.
- (c) 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.
- (d) There is no lawful ground of objection(s) to the grant of the Patent to me/us.
- (e) I am/we are the true & first inventor(s).
- (f) I am/we are the assignee or legal representative of true & first inventor(s).
- (g) 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).
- (h) 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.
- (i) My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- (j) 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.
- (k) 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/ provisional specification)#	No. of pages		
No. of Claim(s)	No. of claims and No. of pages		
Abstract	No. of pages		
No. of Drawing(s)	No. of drawings and No. of pages		

- (a) 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).....

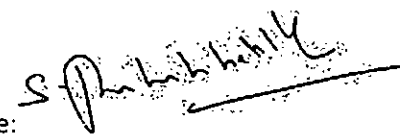
Total fee ₹.....in Cash/ Banker's Cheque /Bank Draft bearing No..... Date on
..... Bank.

I/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.....day of.....20.....

(a) Signature: 

(b) Name: Dr. S. Selvakanmani


(a) Signature: 

(b) Name: Dr. S. Prabakeran

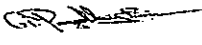
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(a) Signature: 

(b) Name: Mr. Vijay M

(a) Signature: 

(b) Name: Mr. Mohankumar C E


(a) Signature: 
(b) Name: Ms. Priyadharshini G

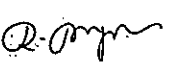
(a) Signature: 


(b) Name: Mr. Balram G

(a) Signature: 

(b) Name: Ms. J V S Arundathi

(a) Signature: 
(b) Name: Ms. Maduri Madhavi

(a) Signature: 
(b) Name: Mr. R. Partheepan

(a) Signature: 
(b) Name: Mr. Kishore Abishek

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

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Note: -

- * Repeat boxes in case of more than one entry.
- * To be signed by the applicant(s) or by authorized registered patent agent otherwise where mentioned.
- * Tick (✓/cross (x) whichever is applicable/not applicable in declaration in paragraph-12.
- * Name of the inventor and applicant should be given in full, family name in the beginning.
- * Strike out the portion which is/are not applicable.

For fee: See First Schedule";