

<b>“FORM 1</b> THE PATENTS ACT 1970 (39 of 1970) and THE PATENTS RULES, 2003 <b>APPLICATION FOR GRANT OF PATENT</b> (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:	
<b>1. APPLICANT’S REFERENCE / IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)</b>		

**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	Nationality	Country Of Residence	Address
KIET Group of Institutions	India	India	Delhi-NCR, Ghaziabad-Meerut Road, Ghaziabad, Uttar Pradesh, INDIA, 201206

**3B. CATEGORY OF APPLICANT [Please tick (√) at the appropriate category]**

(a) Natural Person ( )    (b) Small Entity ( )    (c) Start up ( )    (d) Others (√)

Signature Not Verified

Digitally Signed.  
 Name: AMRISH CHANDRA  
 Date: 26-Aug-2023 11:32:35  
 Reason: Patent Filing  
 Location: DELHI

**4. INVENTOR(S) [Please tick (✓) at the appropriate category]**

**Are all the inventors same as the applicant named above? YES ( )**

**NO (✓)**

Name	Nationality	Country Of Residence	Address
Yash Shrivastava	India	India	KIET Group of Institutions, Delhi-NCR, Ghaziabad-Meerut Road, Ghaziabad, Uttar Pradesh, 201206
Vikash Gupta	India	India	KIET Group of Institutions, Delhi-NCR, Ghaziabad-Meerut Road, Ghaziabad, Uttar Pradesh, 201206
Chandriki Tiwari	India	India	KIET Group of Institutions, Delhi-NCR, Ghaziabad-Meerut Road, Ghaziabad, Uttar Pradesh, 201206
Smriti Tiwari	India	India	KIET Group of Institutions, Delhi-NCR, Ghaziabad-Meerut Road, Ghaziabad, Uttar Pradesh, 201206
Ms. Shweta Singh	India	India	KIET Group of Institutions, Delhi-NCR, Ghaziabad-Meerut Road, Ghaziabad, Uttar Pradesh, 201206
Dr Sangeeta Arora	India	India	KIET Group of Institutions, Delhi-NCR, Ghaziabad-Meerut Road,

			Ghaziabad, Uttar Pradesh, 201206
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## 5. TITLE OF THE INVENTION

**ENVIROGAS: AN INTELLIGENT BIOGAS-EXTRACTING WASTE BIN SYSTEM FOR SUSTAINABLE ORGANIC WASTE MANAGEMENT**

## 6. AUTHORISED REGISTERED PATENT

AGENT(S)

IN/PA No IN/PA 2959  
Name Dr. AMRISH CHANDRA  
Mobile No. 9971117009

## 7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA

Name Dr. AMRISH CHANDRA  
Postal Address T21/1602, PARAS TIEREA, SECTOR 137,  
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## 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	Title of the	IPC (as classified in the convention)

## 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

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**11. IN CASE OF PATENT OF ADDITION FILED UNDER SECTION 54, PARTICULARS OF MAIN APPLICATION OR PATENT**

<b>Main application/patent No.</b>	<b>Date of filing of main application</b>

**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

<b>Name</b>	<b>Signature</b>
Yash Shrivastava	
Vikash Gupta	
Chandriki Tiwari	
Smriti Tiwari	
Ms. Shweta Singh	
Dr Sangeeta Arora	

**25-08-2023**

**(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)

**NOT APPLICABLE**

(c) Name(s) of the signatory

**(iii) Declaration by the applicant(s)**

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

- I am/ We are in possession 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(s) 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 the 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.~~

**13. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION**

(a) Form 2

Item	Details	Fee	Remarks
Complete/ <del>provisional</del> specification)#	No. of pages: 6	Rs 1600	
No. of Claim(s)	No. of claims: 5 No. of pages: 1		
Abstract	No. of pages: 1		
No. of Drawing(s)	No. of drawings: 2 No. of pages: 1		

# 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

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

Dated this 25-08-2023



Signature

Name: **Dr. Amrish Chandra**

**IN/PA 2959**

**To,**  
**The Controller of Patents**  
**The Patent Office, at Delhi**