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## CBR Detail:

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202311027873	TEMP/E-1/31451/2023-DEL	1600	17341	FORM 1	WATER FILTRATION SYSTEM WITH BIODEGRADABLE BEAD-BASED TREATMENT FOR POLLUTANT DEGRADATION
2	E-106/6992/2023/DEL	202311027873	0	----	FORM28	----

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001134073	Online Bank Transfer	1704230008630	1600.00	1475001020000001

Total Amount : ₹ 1600.00

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**FORM 1**  
**THE PATENTS ACT, 1970**  
**(39 of 1970)**  
**&**  
**THE PATENTS RULES, 2003**  
**APPLICATION FOR GRANT OF PATENT**  
[See sections 7,54 & 135 and rule 20(1)]

**(FOR OFFICE USE ONLY)**

Application No.: .....  
Filing Date: .....  
Amount of Fee Paid: .....  
CBR No.: .....  
Signature: .....

**1. APPLICANT(S):**

Sr.No.	Name	Nationality	Address	Country	State	Distict	City
1	Biomimicry Technologies Pvt. Ltd.	India	Masudpur Village, Sector B, Vasant Kunj Floor 2 & 4, New Delhi, Delhi 110070	India	Delhi	North Delhi	Delhi

**2. INVENTOR(S):**

Sr.No.	Name	Nationality	Address	Country	State	Distict	City
1	Onkar Nath Tiwari	India	Masudpur Village, Sector B, Vasant Kunj Floor 2 & 4, New Delhi, Delhi 110070	India	Delhi	North Delhi	Delhi

**3. TITLE OF THE INVENTION: WATER FILTRATION SYSTEM WITH BIODEGRADABLE BEAD-BASED TREATMENT FOR POLLUTANT DEGRADATION**

**4. ADDRESS FOR CORRESPONDENCE OF APPLICANT /  
AUTHORISED PATENT AGENT IN INDIA:**

Eeva IP & IT Services Pvt Ltd 1st Floor, HIG 139, Bharat Nagar, Moosapet, Hyderabad – 500 018, Telangana, India.  
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**5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:**

Sr.No.	Country	Application Number	Filing Date	Name of the Applicant	Title of the Invention
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## 6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:

International Application Number	International Filing Date as Allotted by the Receiving Office
PCT//	

## 7. PARTICULARS FOR FILING DIVISIONAL APPLICATION

Original (first) Application Number	Date of Filing of Original (first) Application

## 8. PARTICULARS FOR FILING PATENT OF ADDITION:

Main Application / Patent Number:	Date of Filing of Main Application

## 9. DECLARATIONS:

### (i) Declaration by the inventor(s)

I/We ,Onkar Nath Tiwari, 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) Date: -----

(b) Signature(s) of the inventor(s): .....

(c) Name(s): Onkar Nath Tiwari

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

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) : .....

(c) Name(s) of the singnatory: Biomimicry Technologies Pvt. Ltd.

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

- The Provisional specification relating to the invention is filed with this application.
- I am/We are, in the possession of the above mentioned invention.
- There is no lawful ground of objection to the grant of the Patent to me/us.
- I am/We are, the assignee or legal representative to true first inventors.

10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

Sr.	Document Description	FileName
1	FORM FOR SMALL ENTITY(FORM-28)	Form 28.pdf
2	EVIDENCE FOR REGISTRATION UNDER SSI(FORM-28)	Udyam Registration Certificate MSME BTPL Final.pdf
3	PROVISIONAL SPECIFICATION	PPA_ Water Treatment System_10-04-2023.pdf
4	DRAWINGS	Drawings_ Water Treatment System_10-04-23.pdf

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated hering are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this(Final Payment Date): -----

Signature: .....

Name: Srinivas Maddipati

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The Patent office at NEW DELHI

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**FORM 2**  
**PATENTS ACT, 1970**  
**(39 of 1970)**  
**&**  
**The Patents Rules, 2003**  
**PROVISIONAL SPECIFICATION**  
**(See section 10 and rule 13)**

**1. TITLE OF THE INVENTION**

**“WATER FILTRATION SYSTEM WITH BIODEGRADABLE BEAD-BASED  
TREATMENT FOR POLLUTANT DEGRADATION”**

**2. APPLICANT(S)**

a) Name : Biomimicry Technologies Pvt. Ltd.  
b) Nationality : Indian  
c) Address : Masudpur Village, Sector B, Vasant Kunj  
Floor 2 & 4, New Delhi, Delhi 110070

**3. PREAMBLE TO THE DESCRIPTION**

**PROVISIONAL**

The following specification particularly describes the invention and the manner in which it is to be performed.

#### 4. DESCRIPTION

##### **Technical Field of the Invention**

The invention relates to a technique for filtration of water. More specially, the method  
5 filtration of water using bio degradable beads in multi compartments.

##### **Background of the Invention**

Water pollution is a significant environmental problem caused by various industries,  
10 agricultural activities, and human activities, resulting in the discharge of harmful  
pollutants into the environment. Many different technologies have been developed to  
treat polluted water and make it safe for human use and consumption. For example,  
some conventional water treatment methods include coagulation, flocculation,  
sedimentation, filtration, and disinfection. However, these methods often have  
15 limitations in terms of energy consumption, costs, and efficiency, and they may not be  
effective in removing certain types of pollutants, such as heavy metals and  
microplastics.

In recent years, several innovations have been made in the field of water treatment. For  
20 example, US Patent Application No. 20180274954A1 discloses a method of treating  
contaminated water using magnetic particles coated with chitosan to remove pollutants  
such as heavy metals, dyes, and pesticides. Another prior art, US Patent Application  
No. 20180346577A1, describes a method of removing microplastics from water using  
a process of coagulation, flocculation, and flotation.

25

One approach to water treatment involves using biodegradable beads to remove  
pollutants. For instance, US Patent No. 8,435,512B2 discloses a system for the  
treatment of water using biodegradable beads made from a combination of alginate,

chitosan, and activated carbon. The beads can be tailored to target specific pollutants, and the system can operate in batch or continuous mode. However, this system does not include a mechanism for managing the solid sludge generated during the treatment process.

5

Another prior art, US Patent Application No. 20160196207A1, discloses a water treatment system that uses a combination of activated carbon and biodegradable polymers to produce porous beads that can remove organic and inorganic pollutants from water. The system includes a piston to pressurize the polymer composition and a  
10 needle syringe to extrude the beads into the water. However, this system does not address the issue of solid sludge management.

The present invention addresses these limitations by utilizing customizable beads that can target specific pollutants and a solid sludge management system that can convert  
15 sludge into water. The device has several advantages, including high treatment efficiency, customizable bead-based treatment, and the ability to manage solid sludge. The device can recycle over 95% of the water and solids fed to it and can operate with solar power, making it an eco-friendly and sustainable solution.

20

### **Brief Summary of the Invention**

The following presents a simplified summary of the disclosure in order to provide a basic understanding to the reader. This summary is not an extensive overview of the disclosure, and it does not identify key/critical elements of the invention or delineate  
25 the scope of the invention. Its sole purpose is to present some concepts disclosed herein in a simplified form as a prelude to the more detailed description that is presented later.

The present invention provides a unique solution for producing and using biodegradable beads for effective water filtration. The invention aims to produce

biodegradable beads that are porous and can effectively filter water. The composition of the biodegradable beads includes cellulose acetate, activated carbon, and acetone within predetermined ranges and at specified temperatures. The invention also comprises an assembly for extruding the produced porous biodegradable beads.

5

The invention includes a system for water treatment using the produced porous biodegradable beads. The system allows pre-filtered water to settle down in the first chamber, where it is treated with the porous biopolymer beads in the second compartment. The microbial growth on the beads is capable of degrading the target pollutants under aerobic and anaerobic conditions. The water is then pumped through a hollow fiber membrane in the third compartment, and the treated water is pumped through a UV treatment chamber in the fourth compartment for final discharge. The system also includes an odor removal filter for removing any unwanted odors.

10

15 The present invention provides an innovative and effective solution for the treatment of water contaminated with various pollutants using customizable biodegradable beads that can target specific pollutants and a solid sludge management system that can convert sludge into water. The device has several advantages, including high treatment efficiency, customizable bead-based treatment, and the ability to manage solid sludge.

20 The device can recycle over 95% of the water and solids fed to it and can operate with solar power, making it an eco-friendly and sustainable solution.

Further objects, features, and advantages of the invention will be readily apparent from the following description of the preferred embodiments thereof, taken in conjunction with the accompanying drawings.

25

### **Brief Description of the Drawings**



The invention will be further understood from the following detailed description of a preferred embodiment taken in conjunction with an appended drawing, in which:

Fig. 1 illustrates the block diagram of filtration system, according to the exemplary  
5 embodiment of the present invention;

Fig. 2 illustrates the block diagram representing microbial growth on porous beads, according to the exemplary embodiment of the present invention;

10 Fig. 3 illustrates the block diagram of system for porous bead formation, according to the exemplary embodiment of the present invention;

Fig. 4 illustrates the block diagram representing microbial growth on porous beads, according to the exemplary embodiment of the present invention;  
15

Fig. 5 illustrates the circuit diagram representing electrical line, according to the exemplary embodiment of the present invention.

### **Detailed Description of the Invention**

20

It is to be understood that the present disclosure is not limited in its application to the details of construction and the arrangement of components set forth in the following description or illustrated in the drawings. The present disclosure is capable of other embodiments and of being practiced or of being carried out in various ways. In  
25 addition, it is to be understood that the phraseology and terminology used herein is for the purpose of description and should not be regarded as limiting.

The use of “including”, “comprising” or “having” and variations thereof herein is meant to encompass the items listed thereafter and equivalents thereof as well as

additional items. The terms “a” and “an” herein do not denote a limitation of quantity, but rather denote the presence of at least one of the referenced items. Further, the use of terms “first”, “second”, and “third”, and the like, herein do not denote any order, quantity, or importance, but rather are used to distinguish one element from another.

5

According to an exemplary embodiment of the present invention, the system used for water filtration by using porous biopolymer beads is disclosed. The composition of biodegradable beads includes cellulose acetate, activated carbon, and acetone in a pre-determined ranges at specified temperature.

10

In accordance with an exemplary embodiment of the present invention, the stainless steel cylinder with an inlet for compressed gas at the top fixed with a floatable piston. The said piston pressurizes the polymer composition avoiding the direct contact of air with polymer solution. There is a thin channel or needle syringe fitted to form polymer bubbles extrusion and dropping in water for phase inversion and bead formation.

15

In accordance with an exemplary embodiment of the present invention, the microbial growth on beads are capable of degrading the target pollutants under aerobic and anaerobic conditions. The device allows the pre-filtered water and lets water to settle down in first chamber.

20

In accordance with an exemplary embodiment of the present invention, the microbial growth occurring on the beads are capable of degrading the target pollutants under aerobic / anaerobic conditions and since target microorganism growth been facilitated, hence these beads become customizable.

25

In accordance with an exemplary embodiment of the present invention, the beads are cultured in targeted water for 21 days for microbial growth to degrade the targeted pollutant.

In accordance with an exemplary embodiment of the present invention, the said bead based treatment of degradation of pollutants occur in second compartment. This stage lasts for 35-45 min. The water is pumped through hollow fiber membrane in third  
5 compartment.

In accordance with an exemplary embodiment of the present invention, the said treated water is pumped through UV treatment chamber in fourth compartment for final discharge. The time taken by this compartment is about 5-10 min. The extra  
10 compartment is anaerobic compartment with anaerobic beads for degrading sludge at the end of treatment in each chamber.

In accordance with an exemplary embodiment of the present invention, the sludge collected in extra chamber at bottom undergoes degradation for 30 days produce water.  
15 The volume of the compartment is as big as it stores the collected sludge for 30 days.

In accordance with an exemplary embodiment of the present invention, the method for filtering water comprising the steps of immersing extruded beads made of a porous biodegradable material composed of 12-15 wt% cellulose acetate, 1-3 wt% activated  
20 carbon, and 82-85 wt% acetone in the effluent stream of water in the second compartment for the degradation of pollutants. Allowing targeted microorganisms to grow on the extruded beads under aerobic conditions in the second compartment for the degradation of pollutants. Continuing the extruded beads in target solutions under anaerobic conditions in the anaerobic compartment. Degrading targeted pollutants  
25 using the microorganisms on the extruded beads in the second compartment for the degradation of pollutants. Passing the water through the third compartment containing a hollow fiber membrane for filtration, and the fourth compartment containing a UV treatment chamber for the final discharge of treated water. Collection of sludge from

all compartments in the anaerobic compartment containing anaerobic beads for degradation and repeating the above steps for continuous water filtration.

Referring to the figures, Fig. 1 illustrates the block diagram representing filtration system including four compartments namely first, second, third and fourth. Before entering into the first compartment the water is pumped through pre-filter comprises mesh filter, sand and gravel. The pre-filtered water is pumped to first chamber for settling and undergoes chemical treatment for coagulation of suspended solids and other pollutants. The entire coagulation and disinfestation lasts for 5-10 minutes.

10

The treated water is pumped to second compartment for bead based treatment. The microbial growth on the beads degrade the targeted pollutants. Both first and second compartments are aerated with coarse and fine bubbles. This stage lasts for 35-45 minutes. The treated water is pumped from third chamber through a hollow fibre membrane lasting for 5-10 minutes. The water pumped through UV disinfection compartment for final discharge of treated water. The system includes the odour removal filter for removal of odour.

15

Fig. 2 illustrates block diagram representing microbial growth on porous beads. The extruded beads are immersed in target effluent streams like sewage, grey water, used water from hospitals, kitchens for targeted microbial growth under aerobic or anaerobic conditions depending on the targeted pollutants. The microbial growth occurring on beads are capable for degrading the target pollutants. This process of microbial culture on beads takes 21 days in aerobic conditions.

20

25

Fig. 3 illustrates block diagram representing system for porous bead formation. The stainless steel cylinder with an input of compressed air (0-5 bars) at the top and fixed a floatable piston pressurizing the polymer composition. The cylinder assembly serves to shield the polymer solution from direct contact of air, while the utilization of a thin

needle syringe facilitates the creation of polymer bubbles which are then extruded and allowed to fall into water to form beads.

Fig. 4 illustrates block diagram representing microbial growth on porous beads. The beads are immersed in different waters for targeted microbial growth namely effluent water treatment, sewage water treatment, grey water treatment for 21 days in aerobic conditions.

## **RESULTS:**

### **10 WATER QUALITY ANALYSIS**

The source of raw water was varied and it varied from place to place and also according to seasons. The average raw water quality fed to the system is illustrated in Table

Sl. No	BOD (ppm)	COD (ppm)	DO (ppm)	Turbidity (NTU)	TSS (ppm)	Odor
1	100-250	200-300	2-3	70-90	200	NA

15 Table 1

Sl. No	BOD (ppm)	COD (ppm)	DO (ppm)	Turbidity (NTU)	TSS (ppm)	Odor
1	Not detected	8	7	8	1	NA
2	0.5	--	5	2	3	NA
3	8	50	8	--	32	NA
4	9	60	7	10.73	12	NA
5	12	60	7	10	20	NA

Table 2

## 5. CLAIMS

### I/We Claim

1. A water filtration system, comprising:

- 5           a pre-filter with a mesh filter containing sand, gravel and carbon, at least 4  
            compartments connected by pumps to maintain flow rates between  
            compartments, and an anaerobic compartment;  
            the first compartment for coagulation and disinfection of the inlet water;  
            the second compartment for the degradation of pollutants, with aeration  
10           provided by coarse and fine bubbles in both first and second compartments;  
            the third compartment containing hollow fiber membrane for water filtration;  
            the fourth compartment containing a UV treatment chamber for the final  
            discharge of treated water;

*Characterized in that,*

- 15           the second compartment conducting degradation of pollutants is configured to  
            receive extruded beads made of a porous biodegradable material disposed  
            within the compartment;  
            the extruded beads configured to be received in the second compartment are  
            worked by immersing them in the effluent stream of water allowing targeted  
20           microorganisms to grow on them under aerobic conditions;  
            and  
            the anaerobic compartment is configured to degrade sludge collected from all  
            compartments, wherein the treatment in the said anaerobic compartment  
            involves having anaerobic beads to degrade the sludge collected.

25

2. The system as claimed in claim 1, wherein the sludge from all compartments is  
collected and treated with beads grown in anaerobic conditions.

3. The system as claimed in claim 1, wherein the treatment time in the first compartment is between 5-10 minutes and between 35-45 minutes in the second compartment.
- 5 4. The system as claimed in claim 1, wherein the treatment time in the third compartment containing hollow fiber membrane is between 5-10 minutes.
5. The system as claimed in claim 1, wherein the extruded beads are immersed in effluent stream for targeted microorganism growth under aerobic and anaerobic conditions.
- 10 6. The system as claimed in claim 1, wherein the extruded beads are composed of 12-15 wt% cellulose acetate, 1-3 wt% activated carbon, and 82-85 wt% acetone;
- 15 7. The system as claimed in claim 1, wherein the anaerobic degradation of sludge lasts for 30 days to produce water.
8. The system as claimed in claim 1, wherein the system includes the odor removal filter for removal of odor.
- 20 9. The system as claimed in claim 1, comprises a solar power system for supplying power to the pumps and UV treatment chamber, wherein the entire system is operated on solar power.
- 25 10. A method for filtering water using a water filtration system as claimed in claim 1, wherein the method comprising the steps of:
  - immersing extruded beads made of a porous biodegradable material composed of 12-15 wt% cellulose acetate, 1-3 wt% activated carbon, and 82-85 wt% acetone in the effluent stream of water in the second compartment for the degradation of pollutants;
- 30

- allowing targeted microorganisms to grow on the extruded beads under aerobic conditions in the second compartment for the degradation of pollutants;  
continuing the extruded beads in target solutions under anaerobic conditions in the anaerobic compartment;
- 5       degrading targeted pollutants using the microorganisms on the extruded beads in the second compartment for the degradation of pollutants;  
passing the water through the third compartment containing a hollow fiber membrane for filtration, and the fourth compartment containing a uv treatment chamber for the final discharge of treated water;
- 10       collecting sludge from all compartments in the anaerobic compartment containing anaerobic beads for degradation; and  
repeating the above steps for continuous water filtration.
11. The method as claimed in claim 9, wherein the water is coagulated and disinfected
- 15       in the first compartment for 5-10 minutes.
12. The method as claimed in claim 9, wherein the degradation of pollutants in the second compartment is carried out for a period of 35-45 minutes.
- 20       13. The method as claimed in claim 9, wherein the extruded beads are immersed in the effluent stream of water for targeted microorganism growth under both aerobic and anaerobic conditions.
14. The method as claimed in claim 9, wherein the anaerobic degradation of sludge is
- 25       carried out for a period of 30 days to produce water.
15. The method as claimed in claim 9, wherein a solar power system for supplying power to the pumps and UV treatment chamber, wherein the entire system is operated on solar power.



16. The method as claimed in claim 9, wherein the porous biodegradable material is composed of 12-15 wt% cellulose acetate, 1-3 wt% activated carbon, and 82-85 wt% acetone.

5

## 6. DATE AND SIGNATURE

Dated this 13<sup>th</sup> day of April 2023

10

Signature



(Mr. Srinivas Maddipati)

IN/PA 3124

Agent for applicant

15

20

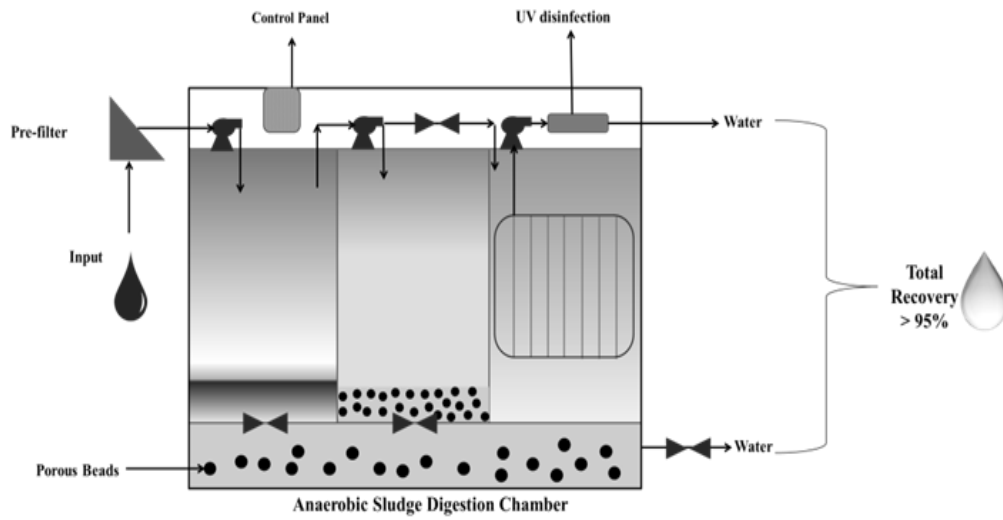
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**TITLE: “WATER FILTRATION SYSTEM WITH BIODEGRADABLE BEAD-BASED TREATMENT FOR POLLUTANT DEGRADATION”**

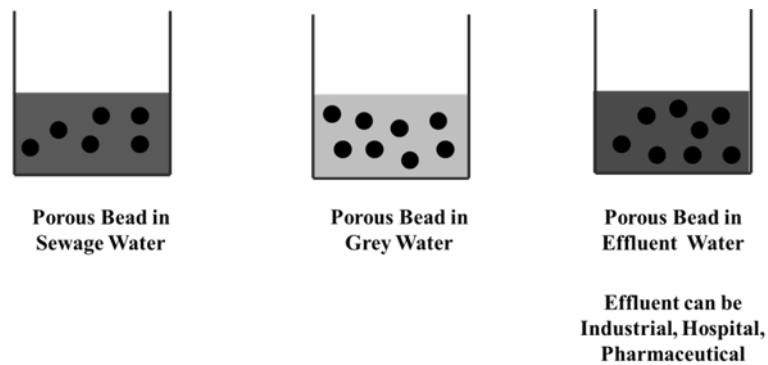
**7. ABSTRACT**

The present invention relates to a water filtration system that uses a pre-filter consisting  
5 of sand, gravel, and carbon, followed by a four-compartment filtration system. The first  
compartment coagulates and disinfects the inlet water, while the second compartment  
employs biodegradable beads to effectively degrade pollutants under various  
conditions. Aeration with coarse and fine bubbles occurs in both compartments 1 and  
2. The third compartment uses a hollow fiber membrane to further filter the water, and  
10 the treated water is then pumped through a UV treatment chamber in the fourth  
compartment for final discharge. Additionally, the system includes an anaerobic  
compartment containing anaerobic beads to degrade sludge collected from all  
chambers. This system provides a sustainable and cost-effective solution for treating  
water using biodegradable beads that are capable of degrading pollutants under various  
15 conditions.

Figure associated with Abstract is Fig. 1



**Fig.1**

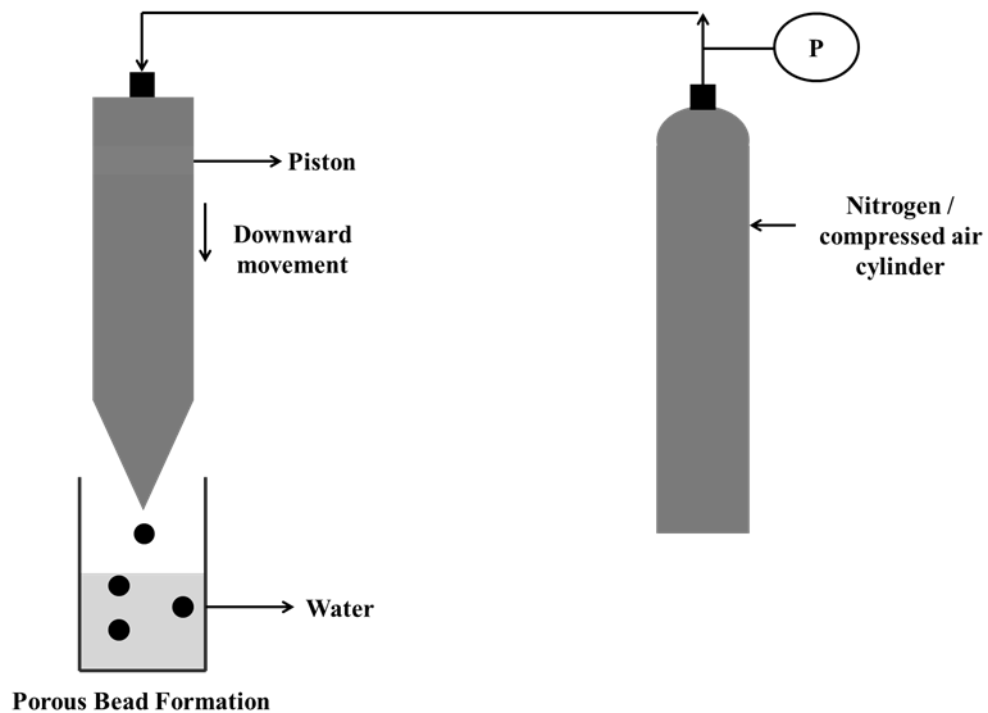


**Fig.2**

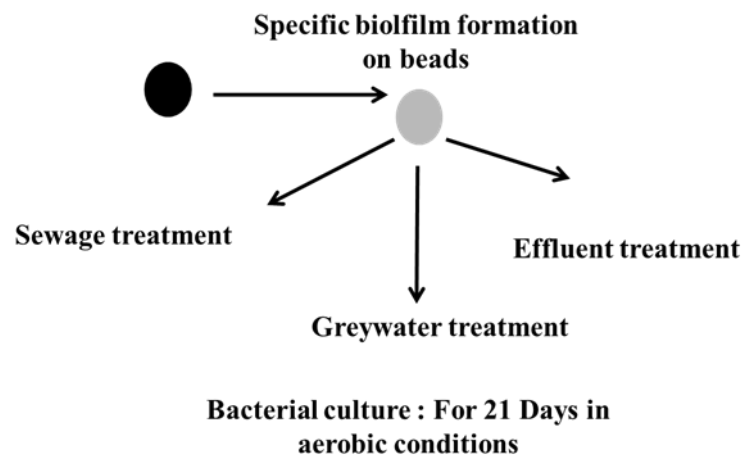
Dated this 13<sup>th</sup> April, 2023

Signature

*(Handwritten Signature)*  
(Mr. Srinivas Maddipati)  
IN/PA 3124  
Agent for Applicant



**Fig. 3**

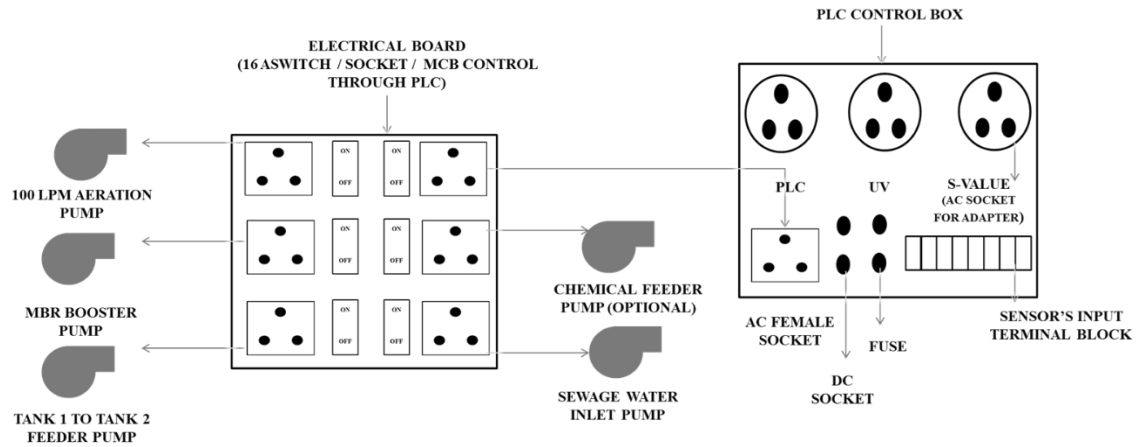


**Fig.4**

Dated this 13<sup>th</sup> April, 2023

Signature

*(Handwritten Signature)*  
(Mr. Srinivas Maddipati)  
IN/PA 3124  
Agent for Applicant




**Fig.5**

Dated this 13<sup>th</sup> April, 2023

Signature

*(Handwritten Signature)*  
(Mr. Srinivas Maddipati)  
IN/PA 3124  
Agent for Applicant

<p style="text-align: center;">FORM 28</p> <p style="text-align: center;">THE PATENTS ACT, 1970</p> <p style="text-align: center;">(39 of 1970)</p> <p style="text-align: center;">AND</p> <p style="text-align: center;">THE PATENTS RULES, 2003</p> <p style="text-align: center;">TO BE SUBMITTED BY A SMALL ENTITY / STARTUP</p> <p style="text-align: center;">[See rules 2 (fa), 2(fb) and 7]</p>		
1.	Name, address and nationality:	<p>I/We <b>Biomimicry Technologies Pvt. Ltd</b> whose address is <b>Masudpur Village, Sector B, Vasant Kunj Floor 2 &amp; 4, New Delhi, Delhi 110070</b>, applicant/patentee in respect of the patent application no. _____ declare that I/We am/are <b>a small entity</b> in accordance with rule 2(fa) and submit the following document(s) as proof:</p>
2.	Documents to be submitted	
	i. For claiming the status of a small entity:	
	A. For an Indian applicant: Evidence of registration under the Micro, Small and Medium Enterprises Act, 2006(27 of 2006)	
	B. In case of a foreign entity: Any other document.	
	ii. For claiming the status of a startup:	
	A. For an Indian applicant: Any document as evidence of eligibility as defined in rule 2(fb).	
	B. In case of a foreign entity: Any other document.	
3.	To be signed by the applicant (s) / patentee(s)/authorized registered patent agent.	<p>The information provided herein is correct to the best of my/our knowledge and belief.</p> <p>Dated this 14<sup>th</sup> April, 2023.</p>

		<p>Signature:</p>  <p>Mr. Srinivas Maddipati (IN/PA 3124) Agent for applicant</p> <p>To, The Controller of Patents, The Patent Office, at Chennai.</p>
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भारत सरकार  
Government of India  
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
Ministry of Micro, Small and Medium Enterprises



## UDYAM REGISTRATION CERTIFICATE



Our small hands  
to make you LARGE

UDYAM REGISTRATION NUMBER	UDYAM-DL-10-0000249																							
NAME OF ENTERPRISE	M/S BIOMIMICRY TECHNOLOGIES PRIVATE LIMITED																							
TYPE OF ENTERPRISE *	MICRO ( MICRO During Previous Financial Year )																							
MAJOR ACTIVITY	MANUFACTURING																							
SOCIAL CATEGORY OF ENTREPRENEUR	GENERAL																							
NAME OF UNIT(S)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">S.No.</th> <th colspan="4">Name of Unit(s)</th> </tr> <tr> <td style="text-align: center;">1</td> <td colspan="4">M/S BIOMIMICRY TECHNOLOGIES PRIVATE LIMITED</td> </tr> </table>				S.No.	Name of Unit(s)				1	M/S BIOMIMICRY TECHNOLOGIES PRIVATE LIMITED													
S.No.	Name of Unit(s)																							
1	M/S BIOMIMICRY TECHNOLOGIES PRIVATE LIMITED																							
OFFICAL ADDRESS OF ENTERPRISE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Flat/Door/Block No.</td> <td style="width: 25%;">4th Floor</td> <td style="width: 25%;">Name of Premises/ Building</td> <td style="width: 25%;">Building No.2</td> </tr> <tr> <td>Village/Town</td> <td>Masoodpur</td> <td>Block</td> <td>Dairy farms</td> </tr> <tr> <td>Road/Street/Lane</td> <td>Near JIIMS</td> <td>City</td> <td>vasant kunj</td> </tr> <tr> <td>State</td> <td>DELHI</td> <td>District</td> <td>SOUTH WEST , Pin 110070</td> </tr> <tr> <td>Mobile</td> <td>9811191140</td> <td>Email:</td> <td>info@biomimicrytech.com</td> </tr> </table>				Flat/Door/Block No.	4th Floor	Name of Premises/ Building	Building No.2	Village/Town	Masoodpur	Block	Dairy farms	Road/Street/Lane	Near JIIMS	City	vasant kunj	State	DELHI	District	SOUTH WEST , Pin 110070	Mobile	9811191140	Email:	info@biomimicrytech.com
Flat/Door/Block No.	4th Floor	Name of Premises/ Building	Building No.2																					
Village/Town	Masoodpur	Block	Dairy farms																					
Road/Street/Lane	Near JIIMS	City	vasant kunj																					
State	DELHI	District	SOUTH WEST , Pin 110070																					
Mobile	9811191140	Email:	info@biomimicrytech.com																					
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	27/07/2017																							
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	27/07/2017																							
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">SNNo.</th> <th style="width: 20%;">NIC 2 Digit</th> <th style="width: 30%;">NIC 4 Digit</th> <th style="width: 30%;">NIC 5 Digit</th> <th style="width: 15%;">Activity</th> </tr> <tr> <td style="text-align: center;">1</td> <td>32 - Other manufacturing</td> <td>3250 - Manufacture of medical and dental instruments and supplies</td> <td>32509 - Manufacture of other medical and dental instruments n.e.c.</td> <td>Manufacturing</td> </tr> </table>				SNNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity	1	32 - Other manufacturing	3250 - Manufacture of medical and dental instruments and supplies	32509 - Manufacture of other medical and dental instruments n.e.c.	Manufacturing										
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DATE OF UDYAM REGISTRATION	09/07/2020																							

\* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from <https://udyamregistration.gov.in> & Date of printing:- 15/11/2021

**For any assistance, you may contact:**

1. District Industries Centre: DELHI (DELHI)
2. MSME-DI: DELHI (DELHI)

Visit : [www.msme.gov.in](http://www.msme.gov.in) ; [www.dcmsme.gov.in](http://www.dcmsme.gov.in) ; [www.champions.gov.in](http://www.champions.gov.in)

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Ministry of  
**MSME**



	<b>भारत सरकार</b> <b>Government of India</b> <b>सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय</b> <b>Ministry of Micro, Small and Medium Enterprises</b>	
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Udyam Registration Number : UDYAM-DL-10-0000249

Type of Enterprise	MICRO	Major Activity	Manufacturing
Type of Organisation	Private Limited Company	Name of Enterprise	M/S BIOMIMICRY TECHNOLOGIES PRIVATE LIMITED
Owner Name	M/S BIOMIMICRY TECHNOLOGIES PRIVATE LIMITED	PAN	AAHCB3667L
Do you have GSTIN	No	Mobile No.	9811191140
Email Id	info@biomimicrytech.com	Social Category	General
Gender	Male	Specially Abled(DIVYANG)	No
Date of Incorporation	27/07/2017	Date of Commencement of Production/Business	27/07/2017

## Bank Details

Bank Name	IFS Code	Bank Account Number
Kotak Mahindra Bank	KKBK0000216	2714146210

## Employment Details

Male	Female	Other	Total
4	1	0	5

## Investment in Plant and Machinery OR Equipment (in Rs.)

S.No.	Financial Year	Enterprise Type	Written Down Value (WDV)	Exclusion of cost of Pollution Control, Research & Development and Industrial Safety Devices	Net Investment in Plant and Machinery OR Equipment[(A)-(B)]	Total Turnover (A)	Export Turnover (B)	Net Turnover [(A)-(B)]	Is ITR Filled?	ITR Type
1	2019-20	Micro	0.00	0.00	0.00	105500.00	0.00	105500.00	Yes	ITR - 3, 5, 6
2	2018-19	Micro	0.00	0.00	0.00	0.00	0.00	0.00	Yes	ITR - 3, 5, 6

## Unit(s) Details

SN	Unit Name	Flat	Building	Village/Town	Block	Road	City	Pin	State	District
1	M/S BIOMIMICRY TECHNOLOGIES PRIVATE LIMITED	B1	Administrative building	RCC structure ,Survey no.480/2	Nadupuru Village,Andhra Pradesh MedTech Zone Ltd	Pedagantyada Mandal,	Visakhapatnam,	530031	ANDHRA PRADESH	VISAKHAPATNAM

## Official address of Enterprise

Flat/Door/Block No.	4th Floor	Name of Premises/ Building	Building No.2
Village/Town	Masoodpur	Block	Dairy farms
Road/Street/Lane	Near JIIMS	City	vasant kunj
State	DELHI	District	SOUTH WEST , Pin : 110070
Mobile	9811191140	Email:	info@biomimicrytech.com

## National Industry Classification Code(S)

SNo.	Nic 2 Digit	Nic 4 Digit	Nic 5 Digit	Activity
1	32 - Other manufacturing	3250 - Manufacture of medical and dental instruments and supplies	32509 - Manufacture of other medical and dental instruments n.e.c.	Manufacturing

Are you interested to get registered on Government e-Market (GeM) Portal	Yes
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Are you interested to get registered on TReDS Portals(one or more)	No
District Industries Centre	DELHI ( DELHI )
MSME-DI	DELHI ( DELHI )
Date of Udyam Registration	09/07/2020
Date of Printing	15/11/2021