| “**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. | | | | | |  | |
|  | | | | 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 ( ) |
| **3A. APPLICANT(S)** | | | | | | | | | | | |
| **Name** | | | **Nationality** | | **Country Of Residence** | | | **Address** | | | |
| SHAH SHASHWAT  NIMESH | | | Indian | | India | | | A/1606, Shreepati Castle, Khetwadi, Grant Road (E), Mumbai - 400004, Maharashtra, India | | | |
| SHAH KRUTI  BHAVESH | | | Indian | | India | | | 17,3rd floor, Himgiri Building , Peddar road, Grant Road (W) , Mumbai - 400026, Maharashtra, India | | | |
| GUPTA MANASVI  GANESH | | | Indian | | India | | | 49, Om Narbadeshwar Niwas Near M.S.EB Substation  Borade Malla Jail Road Nashik-422101, Maharashtra India | | | |
| JOBANPUTRA KHUSHI  DHARMENDRA | | | Indian | | India | | | 902, Shri Datta Digamber chs Ltd, Chandavarkar road, Borivali (W), Mumbai - 400092, Maharashtra, India | | | |
| PROF RUHINA KANANI | | | Indian | | India | | | A1/10, Air India Colony, Plot no-24, sector 27, Seawoods east, Navi Mumbai-400706  Landmark- Near Apollo hospital | | | |

| **3B. CATEGORY OF APPLICANT [Please tick (**✔**) at the appropriate category]** | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Natural Person (**□**)** | | | Other than Natural Person - NOT APPLICABLE | | | | | | | | | | | | | | | |
| 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) | | | | | | | | | | | | | | | | | | |
| **5. TITLE OF THE INVENTION:** IoT enabled robot for detecting gas pipe leakage. | | | | | | | | | | | | | | | | | | |
| **6. AUTHORIZED REGISTERED PATENT AGENT(S)** | | | | | | | | | IN/PA No. | | | | | | NOT APPLICABLE | | | |
| Name | | | | | |
| Mobile No. | | | | | |
| **7. ADDRESS FOR SERVICE OF APPLICANT IN INDIA** | | | | | | | | | Name | | | | | | SHAH SHASHWAT NIMESH | | | |
| Postal Address | | | | | | A/1606, Shreepati Castle, Khetwadi, Grant Road (E), Mumbai - 400004, Maharashtra, India | | | |
| Telephone No. | | | | | | - | | | |
| Mobile No. | | | | | | 9820077642 | | | |
| Fax No. | | | | | | - | | | |
| E-mail ID | | | | | | shashwatshah02@gmail.com | | | |
| **8. IN CASE OF APPLICATION CLAIMING PRIORITY OF APPLICATION FILED IN CONVENTION COUNTRY, PARTICULARS OF CONVENTION APPLICATION** | | | | | | | | | | | | | | | | | | |
| Country | Applic ation Numb er | Filing date | | | | Name of the applicant | | | | | Title of the inve ntio n | | | | IPC (as classified in the convention country) | | | |
| NOT APPLICABLE | | | | | | | | | | | | | | | | | | |
| **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 | | | | | | | | | | | |
| NOT APPLICABLE | | | | | | | | | | | | | | | | | | |
| **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 | | | | | | | | | | | |
| NOT APPLICABLE | | | | | | | | | | | | | | | | | | |
| **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 | | | | | | | | |
| NOT APPLICABLE | | | | | | | | | | | | | | | | | | |
| **12. DECLARATIONS** | | | | | | | | | | | | | | | | | | |
| **(i) Declaration by the inventor(s)**  We, the above named inventor(s) are the true & first inventor(s) for this Invention and declare that the applicant(s) herein are my/our assignee or legal representative.  Date: 15th October 2024, Tuesday  Name(s) SHAH SHASHWAT NIMESH Name(s) JOBANPUTRA KHUSHI DHARMENDRA  Name(s) SHAH KRUTI BHAVESH Name(s) KARANI RUHINA  Name(s) GUPTA MANASVI GANESH | | | | | | | | | | | | | | | | | | |
| Declaration by the applicant(s) in the convention country N/A We, the applicant(s) in the convention country declare that the applicant(s) herein are my/our assignee or legal representative.  Date:  Signature(s)  Name(s) of the signatory | | | | | | | | | | | | | | | | | | |
| **(iii) Declaration by the applicant(s)**  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 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.  ☑ We are the true & first inventor(s).  ☒ We are the assignee or legal representative of the 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).  ☒ 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 We derive the title.  ☒ My/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 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 Specification | | | | | No. of pages: 13 | | | | | | |  | | | | |  | |
| No. of Claim(s) | | | | | No. of claims: 5 No. of pages: 2 | | | | | | |  | | | | |  | |
| Abstract | | | | | No. of pages: 1 | | | | | | |  | | | | |  | |
| No. of Drawing(s) | | | | | No. of drawings: 5 No. of pages: 5 | | | | | | |  | | | | |  | |
| 1. Statement and Undertaking on Form 3 2. Declaration of Inventorship on Form 5 3. Request of Publication on Form 9 4. Request of Examination of Application for Patent on Form 18A 5. 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.  Date: 15th October 2024, Tuesday  **SVKM’s Dwarkadas J. Sanghvi College of Engineering**  Applicant  To,  The Controller of Patents  The Patent Office, at Mumbai | | | | | | | | | | | | | | | | | | |