DISCLOSURE FORM

APPLICATION FOR PATENTING/REGISTRATION

The Inventor(s)/Author(s), pursuant to the Regulation on Industrial and Intellectual Property of the Politecnico di Torino, declare what follows:

**SECTION 1: REGISTRY**

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| **Personal data of the applicant:** | |
| * first and last name: |  |
| * department/center: |  |
| * title/qualification: |  |
| * phone: |  |
| * mobile phone: |  |
| * e-mail: |  |

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| **Title of the invention:** (or other industrial and intellectual property right.) | | | | | | |
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| **Source of the invention:** (please indicate whether the invention comes from free or funded research in the framework of research projects or contracts. If funded, please provide references.) | | | | | | |
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| **Co-inventors and/or co-authors of the invention:** (the sum of all the inventive contributions must be 100%.)   * **POLITO personnel** | | | | | | |
| (please state the relative legal position of **the University’s personnel** and the percentage of inventive contribution provided . *e.g. John Smith, Associate Professor, DENERG, 70%*): | | | | | | |
|  | First and last name  *(as listed on the passport)* | Title | | Department | | Inventive percentage |
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| * **External personnel**   (please state the legal position of the **external personnel** with the related organization and the percentage of inventive contribution provided . *e.g. Franco Bianchi, Name Srl, 30%*): | | | | | | |
|  | First and last name  *(as listed on the passport)* | | Organization | | Inventive percentage | |
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| **Co-ownership** - mention if there are any companies, public or private, involved in the development of the invention and indicate the percentage of their ownership |
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**SECTION 2: INVENTION DESCRIPTION**

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| **INVENTION FUNCTION** ( provide a brief description of the invention – Max 400 characters, spaces included): |
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| **REFERENCE PROBLEM** (indicate the invention function, the problem that the invention aims to solve, how it is actually solved and what are the advantages of the proposed invention over the existing technologies) |
| * **Problem solved by the invention:** |
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| * **How the problem is actually being solved by existing technologies:** |
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| * **Advantages over the existing solutions and relative metrics:** (indicate the advantages of the proposed invention over current solutions indicating also any economic effects of the invention, such as reduction in production cost per unit, increased performance and so on) |
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| **DESCRIPTION OF THE INVENTION** (indicate the type of invention to be protected, the main features, the innovative technical characteristics, the application areas, the reference market, development status of the invention, the actors and resources needed to technology development and existing contacts with companies): | | |
| * **Type of invention to be protected:** | | |
| A product/ device A system A process method  An algorithm  Other (explain \_\_\_\_\_) | | |
| * **Main features** (provide an accurate description of the invention with possible implementations and realizations with at least one drawing. Limit the description to 5 pages, excluding the drawings. It is possible to attach any document deemed useful to understand the invention): | | |
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| * **Innovative technical features (** Provide the innovative features associated to the proposed invention) : | | |
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| * **Areas of application** (indicate in which areas or sectors the invention can be used) | | |
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| * **Development status of the invention:** (please indicate the current stage of development and Potentially reachable by TRL coding - Technology Readiness Level) | | |
|  | **TRL level** | **Description** |
|  | **1** | Basic principles observed |
|  | **2** | Technology concept formulated |
|  | **3** | Experimental proof of concept |
|  | **4** | Technology validated in lab |
|  | **5** | Technology validated in relevant environment |
|  | **6** | Technology demonstrated in relevant environment |
|  | **7** | System prototype demonstration in operational environment |
|  | **8** | System complete and qualified |
|  | **9** | Actual system proven in operational environment |

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| **INVENTION DEVELOPMENT** |
| * **Planning the development of the invention:** (indicate the development of the technology/product expected over the next 12-18 months, indicate whether product/technology promotion is foreseen; if possible, provide a cost estimate in the case of prototyping of the technology/product concerned.) |
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| * **Actors and needed resources** (please indicate the actors and the resources needed to develop and validate the proposed technology providing, if possible, a cost estimation) |
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| * **Existing contacts with companies or public / private entities for the future exploitation of the invention:** (please indicate also any commitment to secrecy undersigned by third parties or further agreements undersigned) |
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| * **Companies potentially interested** (based on your personal knowledge, indicate companies active in the sector of the proposed invention that are potentially interested in it) |
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| * **Potential joint development** (indicate your availability to cooperate with a company in case of its interest in acquiring the license for the invention) |
| Available Not available |

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| **REFERENCE MARKET** | |
| **Customers** (indicate to whom the proposed invention is addressed highlighting the final users and who could produce/commercialize the proposed technology) | |
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| **Countries** (indicate the geographical market of interest, namely the list of the countries where potentially request the patent extension) | |
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| **competition** | |
| * **Identification in a different product:** (indicate how it could be possible to identify the proposed invention in another product) |
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| * **Competitors:** ( in case of awareness, indicate if there are people working on the same field of the proposed invention and able to achieve a similar results ) |
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| * **Alternative solutions:** (indicate at least an alternative solution to solve the problem, highlighting any similarity with your invention. Provide a short description or a drawing.) |
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**SECTION 3: STATE OF ART AND PATENT PRIOR ART**

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| **State of art** (indicate the results of prior art search: any patents, registrations and scientific publications in the field of the invention and other industrial or intellectual property rights): | | |
| * **Existing patents:** (search on www.orbit.com or Google Patent or www.espacenet.com highlight the difference with respect to the proposed technology by completing the following table) | | |
| **EXISTING TECHNOLOGY** (code and title of the patent) | **SHORT DESCRIPTION** | **DIFFERENCES WITH THE PROPOSED TECHNOLOGY** |
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| * **Known publications:** | | |
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| * **Presentations and/or publications made by the inventor(s)/author(s) in the field of the invention** (including dissertation or doctoral thesis): | | |
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| **attachments:** ( list the documents attached to the present form, highlighting the number or the name that identifies the attachment and the type of information contained) | |
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| **attachment name/number** | **content** |
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| **Confidentiality agreement:**  The undersigned declare to have complied and they commit to comply with the confidentiality obligation regarding the progress of the researches and the object of the invention/other industrial and intellectual property rights, for which the protection is required, in order to preserve the needed requirements set by law and to obtain a valid patent/registration, except the possibility to disclose/publish the relevant data after the date when the application for patent/registration is provided, upon favorable decision of the Patent Commission. |

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| **Data processing:** |
| Data processing is authorized according to General Data Protection Regulation (EU) 2016/679 (GDPR) for the purposes contained in this application. |

**date signature**………………………………………  **inventor(s)/autor(s)**

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