# DISCLOSURE OF INVENTION

## DEPOSIT REQUEST FOR PATENT APPLICATION

The Inventor/Author(s), in accordance with the Industrial and Intellectual Property Regulations of the Stazione Zoologica Anton Dohrn, declare the following:

## SECTION 1: PERSONAL DATA

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| **PERSONAL DETAILS OF THE PROPOSER:**   * NAME AND SURNAME: * DEPARTMENT/LOCATION: * TITLE/QUALITY: * TELEPHONE: * CELLULAR: * EMAIL: |

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| **INVENTION TITLE** (or other industrial and intellectual property right): | | | | |
| **ACTIVITY OF ORIGIN OF THE INVENTION** (Indicate whether it is a free research activity or funded as part of research projects or contracts. If funded, please indicate the references): | | | | |
| **CO-INVENTORS AND/OR CO-AUTHORS OF THE INVENTION** (Please note that the total sum of the inventive contributions must be 100%)  (Indicate the relative legal position of the **staff** and the percentage of the inventive contribution made - *e.g. Mario Rossi, Researcher, Department X, 70%*): | | | | |
|  | Name and Surname  *(as per ID)* | Title | Area/ Headquarters/ Department | Inventive percentage |
| 1.  2. |  |  |  |  |
| (If any, indicate the relative legal position of the **external staff** with relative affiliation and percentage of the inventive contribution made - *e.g. Franco Bianchi, Nome Srl, 30%*): | | | | |
| |  |  |  |  | | --- | --- | --- | --- | |  | Name and Surname  (as per ID) | Organization | Inventive percentage | | 1.  2. |  |  |  | | | | | |

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| **CO-OWNERSHIP** - by the GIO of the Stazione Zoologica Anton Dohrn, subject to notice provided by the inventors.  *(Indicate - if involved - Companies, public or private bodies with which the inventive step was carried out, reporting the distribution of ownership as a percentage)*  NOTES: \_\_\_\_\_\_\_\_\_\_\_ |

## SECTION 2: DESCRIPTION OF THE PROPOSED INVENTION

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| **REFERENCE PROBLEM** (Indicate the problem that the invention aims to solve, how it is currently solved, and what are the advantages of the proposed invention compared to existing technologies/products)   * **THE PROBLEM THAT INVENTION SOLVES**   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **HOW THE PROBLEM IS CURRENTLY SOLVED**   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| * **ADVANTAGES COMPARED TO EXISTING SOLUTIONS AND RELATED METRICS** (also indicate the economic effects of the invention such as, for example, the decrease in the unit production cost, the increase in performance, etc.)   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

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| **INVENTION DESCRIPTION** (Indicate the type of invention to be protected, the main characteristics, the innovative technical characteristics, the areas of industrial application, the reference market, the progress of the invention with the related future activities, the actors and resources necessary for the development of the technology and the contacts already underway for the future exploitation of the patent):   * **TYPE OF FIND TO PROTECT** * Product/ Device * System * Method/Process * Algorithm * Other (explain) * **MAIN FEATURES** (Provide a detailed description of the invention with precise indications on possible implementations and realizations with at least one drawing. Limit the description to 5 pages, excluding drawings. It is possible to attach any document deemed useful to understand the invention):   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | |
| * **INNOVATIVE TECHNICAL FEATURES:**   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **AREAS OF APPLICATION** (Indicate in which areas/sectors the invention can be used):   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **TARGET MARKET** (Indicate both the players and the geographic market of reference) * **ACTORS** (indicate which are the clients or types of subjects targeted by the proposed invention):   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **COUNTRIES** (Indicate the geographical market, i.e. the list of countries in which, if necessary, patenting/registration can be applied):   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **PROGRESS OF THE INVENTION** (Indicate the current stage of development and potentially achievable through TRL -Technology Readiness Level- coding available at the following link: <https://www.nasa.gov/directorates/somd/space-communications-navigation-program/technology-readiness-levels/> | | |
|  | **TRL level** | **Description** |
|  | **1** | Basic Principles Observed |
|  | **2** | Formulated technology concept |
|  | **3** | Experimental proof of concept |
|  | **4** | Validation of the technology in the laboratory |
|  | **5** | Validation of the technology in the relevant environment |
|  | **6** | Demonstration of the technology in the relevant environment |
|  | **7** | Demonstration of the prototype system in the relevant environment |
|  | **8** | Complete and qualified system |
|  | **9** | Testing the finished system in the operating environment |
| * **PLANNING OF INVENTION DEVELOPMENT ACTIVITIES** (Indicate the technology/product development activities planned in the next 12-18 months; indicate, if foreseen, the promotion activity of the technology/product; indicate, if foreseeable, the relative cost estimate in case of prototyping of the technology/product in question.)   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **ACTORS AND RESOURCES NEEDED** (Indicate which actors and resources are needed to develop and validate the technology being invented by providing an economic estimate):   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **ANY ONGOING CONTACTS WITH COMPANIES OR PUBLIC/PRIVATE BODIES FOR THE FUTURE EXPLOITATION OF THE INVENTION** (Indicate, in addition, any confidentiality commitments signed by third parties or further agreements stipulated in this regard):   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | |
| * **ANY POTENTIALLY INTERESTED COMPANIES** (based on personal knowledge, indicate the companies active in the production/commercial sector potentially interested in the joint use and/or development)   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **POTENTIAL CO-DEVELOPMENT** (indicate the willingness of inventors to collaborate on joint development if a company is interested in licensing the invention): * Available * Unavailable | | |
| **COMPETITION** (indicate how the use of the technology in a competing product, possible competitors and alternative solutions to the proposed technology can be detected) | | |
| * **IDENTIFICATION IN A COMPETING PRODUCT** (Indicate how it is possible to identify the proposed invention in a competing product):   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **COMPETITORS** (Indicate if you know of any person who works in the same field and can arrive at similar solutions: provide details only if you have actual knowledge of them):   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **WORKAROUNDS** (Indicate what could be a workaround to solve the same problem, highlighting any similarities with your invention. Please provide a brief description or drawing)   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | |

**SECTION 3: STATE OF THE ART AND PRIOR PATENT**

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| **STATE OF THE ART** (Indicate the results of prior art searches: any patents, registrations and publications in the field of invention and other industrial and intellectual property rights):   * **PATENT ANTERIORITY**   (Search the website [www.orbit.com](http://www.orbit.com/) or [www.patents.google.com](http://www.patents.google.com) or [www.espacenet.com highlighting](http://www.espacenet.comevidenziando/) the differences with respect to the proposed technology by filling in the table below) | | |
| **EXISTING TECHNOLOGY** (patent code and title) | **SHORT DESCRIPTION** | **DIFFERENCES FROM THE PROPOSED TECHNOLOGY** |
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| * **PUBLICATIONS NOTES:**   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**   * **EVENTUAL PRESENTATIONS AT CONFERENCES AND PUBLICATIONS MADE BY THE INVENTOR(S/AUTHORS) IN THE FIELD OF INVENTION** (including degree and doctoral theses):   **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | |
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| **COMMITMENT TO CONFIDENTIALITY:**  The undersigned declare that they have maintained, and undertake to maintain, absolute confidentiality regarding the progress of the research and the subject matter of the invention/other industrial and intellectual property rights, for which/protection is sought, in order to preserve the necessary requirements required by law in order to obtain a valid patent/registration, without prejudice to the possibility of publishing/disclosing the relevant data at a time subsequent to the date of filing of the patent/registration application, subject to a favourable decision of the Patent Commission. | | |
| **DATA PROCESSING:**  The processing of personal data pursuant to Legislative Decree no. 196 of 30 June 2003 (Code regarding the protection of personal data) is authorised for the purposes referred to in this request. | | |

## Date Signature Inventor(s) – Author(s)