**Décanat de la recherche**

**DECLARATION OF INVENTION (DOI) [[1]](#footnote-1)**

The present DOI shall be completed according to the best knowledge of the inventors involved.

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| **Title of the invention (a descriptive title emphasising the value of the invention and its commercial applications) :** |
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| **DOI submitted by (surname, first name) :** | **Date of submission (YY/MM/DD) :** |
|  |  |

Section 1. Inventors

List all people having contributed to the conception or application of the invention. The list must include all people that could be recognised legally as an inventor.

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| --- | --- | --- | --- | --- |
| **Inventor no 1** | | | | |
| **Name** |  | **Citizenship** |  |
| **Function and** **Status at work** |  | | |
| **Permanent Code/ Employee Number** |  | | |
| Address | | | |
| Residential Address |  | | |
| **University/**  **Faculty or**  **Department** |  | | |
| **Phone numbers** | | | |
| Home : | *()* | University : | *()* |
| **Fax :** | *()* | Email : |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Inventor no 2** | | | | |
| **Name** |  | **Citizenship** |  |
| **Function and** **Status at work** |  | | |
| **Permanent Code/ Employee Number** |  | | |
| Address | | | |
| Residential Address |  | | |
| **University/**  **Faculty or**  **Department** |  | | |
| **Phone numbers** | | | |
| Home : | *()* | University : | *()* |
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| **Inventor no 3** | | | | |
| **Name** |  | **Citizenship** |  |
| **Function and** **Status at work** |  | | |
| **Permanent Code/ Employee Number** |  | | |
| Address | | | |
| Residential Address |  | | |
| **University/**  **Faculty or**  **Department** |  | | |
| **Phone numbers** | | | |
| Home : | *()* | University : | *()* |
| **Fax :** | *()* | Email : |  |

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| **Inventor no 4** | | | | |
| **Name** |  | **Citizenship** |  |
| **Function and** **Status at work** |  | | |
| **Permanent Code/ Employee Number** |  | | |
| Address | | | |
| Residential Address |  | | |
| **University/**  **Faculty or**  **Department** |  | | |
| **Phone numbers** | | | |
| Home : | *()* | University : | *()* |
| **Fax :** | *()* | Email : |  |

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| **Inventor no 5** | | | | |
| **Name** |  | **Citizenship** |  |
| **Function and** **Status at work** |  | | |
| **Permanent Code/ Employee Number** |  | | |
| Address | | | |
| Residential Address |  | | |
| **University/**  **Faculty or**  **Department** |  | | |
| **Phone numbers** | | | |
| Home : | *()* | University : | *()* |
| **Fax :** | *()* | Email : |  |

**Section 2. Information on the Market**

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| **Valuation Perspective of the Innovation** |
| **Has there been a contact with companies, in order to evaluate their interest in the invention?**  If so, please list the companies and their evaluation? |
| **B. Describe the market to which this invention relates to.** |
| **C. List the products or methods of the competition known to the inventors.** |
| **D.** **What are the features of the invention that potential users might be interested in (i.e. what are the distinguishing features) ?** |

**Section 3. People Involved in the Project Without an Inventive Contribution.**

This section seeks to identify the stakeholders and project participants who have gravitated around the invention without having participated in the creative process (including graduate students, post- docs, technicians, etc.).

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| **Name** | **Affiliation** | **Role** | **Email** | **Adress** | **Signature** |
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| **Additional comments, if required** |
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Section 4. Sharing of the Intellectual Property (IP) Contribution

Define the percentage (%) of contribution for each inventor. An inventor is a person having actively contributed to an element of the innovation that is essential, new and non-obvious. A person having suggested a problem to be solved or an objective (goal) is not an inventor if he or she did not participate in the creative process of elaborating the solution. Moreover, a person following instructions provided by a researcher is not an inventor. Contributions limited to the work of an assistant, a tester or a laboratory technician cannot be considered as inventive contributions.

In the case of a filing of a patent application related to the present invention, a revised list of inventors may be determined according to the claims of the patent application and the applicable laws of the country where the patent application is to be filed.

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| --- | --- | --- | --- |
| **Name** | **Creative Contribution Description** | **% of the IP** | **Signature** |
| , |  | % |  |
| , |  | % |  |
| , |  | % |  |
| , |  | % |  |
| , |  | % |  |
| , |  | % |  |
| , |  | % |  |
|  |  | **Total**  **100%** |  |

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| Additional comments, if required |
|  |

Section 5. Identification of the Funding Sources Used for the Development of the Invention

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| Context of the Invention Development | | | |
| **A.** | **This invention is the result of:** | **a) a contract** | Yes  No |
|  |  | **b) a grant** | Yes  No |
|  |  | **c) an inter-university collaboration** | Yes  No |
|  |  | **c) a material transfer agreement (MTA)** | Yes  No |
|  | *Additional details, if required :* |  |  |
|  |  | |  |
| **B.** | For each fund from a research grant or a contract used to develop the invention identify:Title of the research project : Name of the funding organisation :  Financing period :  Financing amount : | | |
|  |
| **C.** | Was the discovery disclosed to the sponsor? | | Yes  No |
|  | If the answer is yes, provide details. | | |
| D. Has there been a partner agreement with respect to a sharing of the intellectual property?  Yes  No If the answer is yes, provide a copy of the partner agreement. | | | |

Section 6. Publications, Communications and Dissemination to the Public of Information Related to the Invention

Accessibility to the protection of intellectual property in connection with the invention may depend on the answers to this section, particular care must be taken here.

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| Public Disclosure of the Invention | |
| **A.** | **Has the discovery been disclosed, communicated by writing or orally, published, presented internally or externally?**  Yes  No  If the answer is yes, list and include all copies of such public disclosures (ex.: article, summary, presentation, poster, thesis, patent application, etc.) that is not the object of an NDA (Non-Disclosure Agreement).  Also, list all public disclosures that are planned in the future and their expected publication dates. |
|  |
| **B.** | **Will there be in the next six (6) months a meeting of a learned society or a scientific journal in which the results related to the present DOI will be published?**  Yes  No  If the answer is yes, specify the context of the publication and the expected publication date. |
|  |
| **C.** | **Have there been non-disclosure agreements (NDA) or material transfer agreements (MTA) that were signed with the partners, in relation with the invention?**  Yes  No  If the answer is yes, provide the details and copies of the documents. |
|  |
| **D.** | **Would you consider that researchers in your field presently develop a similar invention?**  Yes  No  **Did you make a prior art search?**  Yes  No  With respect to the first question, who is developing a similar invention :   * A university * A company * Other   Please specify…  If so, assess the degree of progress of your work and the urgency to obtain protection for your invention. |

Section 7. Description of the Invention

The inventions may include new processes, software, methods, products, devices, compositions, living organisms or improvements or new uses of existing inventions.

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| **Description of the Invention** | | |
| **A.** | **Title of the invention :** | |
| **B. Brief description of the invention :** | | |
| **C. What is the problem to be solved?** | | |
| **D. Up to now, according to the state of the art, how is the problem being solved?** | | |
| **E. What are the deficiencies in the state of the art?** | | |
| F. How is the identified problem being solved? | | |
| 1. How does the solution distinguish itself from the state of the art?   What are the advantages? | | |
| 1. **What is the state of advancement of the invention?**   Proof of concept  Detailed design  Lab prototype  Industrial prototype  Pilot plant   1. **What is the technology readiness level (TRL)?**   **1 :**   **2 :**   **3 :**   **4 :**   **5 :**   **6 :**   **7 :**   **8 :**   **9 :**  Level 9 : **Actual technology readiness proven through successful deployment in an operational setting.** At this level, there is actual application of the technology in its final form and under real-lift conditions, such as those encountered in operational test and evaluations. Activities include using the innovation under operational conditions.  Level 8 : **Actual technology completed and qualified through tests and demonstrations.** At this level, the technology has been proven to work in its final form and under expected conditions. Activities include developmental testing and evaluation of whether it will meet operational requirements.  Level 7 : **Prototype ready for demonstration in an appropriate operational environment.** At this level, the prototype should be at planned operational level and is ready for demonstration of an actual prototype in an operational environment. Activities include prototype field testing.  Level 6 : **System/subsystem model or prototype demonstration in a simulated environment.** At this level, a model or prototype is developed, that model or prototype is developed that represents a near desired configuration. Activities include testing in a simulated operational environment or laboratory.  Level 5 : **Component and/or validation in a simulated environment.** At this level, the basic technological components are integrated for testing in a simulated environment. Activities include laboratory integration of components.  Level 4 : **Component and/or validation in a laboratory environment.** At this level, basic technlogical components are integrated to establish that they will work together. Activities include integration of "ad hoc" hardware in the laboratory.  Level 3 : **Analytical and experimental critical function and/or proof of concept.** At this level, active research and development is initiated. Activities might include components that are not yet integrated or representative.  Level 2 : **Technology concept and/or application formulated.** At this level, invention begins. Once the basic principles are observed, practical applications can be invented. Activities are limited to analytical studies.  Level 1 : **Basic principles of concept are observed and reported.** At this level, scientific research begins to translate into applied research and development. Activities might include paper studies or a technology’s basic properties. | | |
| **J.** | **Is a detailed description of the invention provided in an Annex?** | Yes  No |
|  | **If not, expected date :** / / | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Section 8. Additional Information that Can Be Useful for Filing a Patent Application**

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| **Patentability** |
| A. State of the art : list all related past disclosures and any expected disclosures in the future (ex. : patent applications, issued patents, publications, etc.). |
| 1. **Has there been a patentability analysis or a filing of a patent application?** |
| **C. Provide key words that would be helpful in performing a prior search.** |

**Section 9. Information for Future Development of the Invention**

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| **Development** |
| A. Is the invention in line with your principal research interests? |
| 1. **Do you foresee to provide research efforts in order to continue future development of the invention?**   If so, what are the financial sources and research grant sources that you expect to use during the next two (2) years? |
| 1. **Would you be interested to engage in a joint collaboration with a private company, in the context of a research contract in order to continue the development of the invention according to predefined commercial orientations?** |

**DECLARATION :**

**The undersigned innovators declare and warrant that, to the best of their knowledge, they are the only creators, inventors and authors at the origin of the present invention and that the provided information herein, including the attached documents are truthful, accurate and complete and that the information is pertinent.**

**The undersigned innovators declare and certify that the information technology infrastructure that has been used in the development of the innovation by the students, employees and researchers, (i) respects the obligations related to the laws of Canada and the laws of the United States of America with respect to the Export Controls and custom rules.**

**The undersigned innovators accept by the present that their names be published and the title of the invention be publically broadcasted by the École de technologie supérieure and that, if need be, by other innovation partner university institutions.**

**IN WITNESS THEREOF, the Innovators have signed the present declaration, at the dates and places indicated hereunder.**

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| Name : |  | Name : |
| Signed at : Date : |  | Signed at : Date : |
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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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| Name : |  | Name : |
| Signed at : Date : |  | Signed at : Date : |

1. An invention is an art, a software, a process, a machine, a manufacture or a composition of matter, or an improvement of any thereof, presenting a character that is new, non-obvious and useful. [↑](#footnote-ref-1)