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| **West Virginia University Office of Innovation and Commercialization** | **WVU OIC Use Only** |
| *Submit an electronic or hard copy of this form with* ***signatures*** *to the West Virginia University Office of Innovation and Commercialization (OIC).*   | WVU Office of Innovation and Commercialization781 Chestnut Ridge Rd, Suite 1300Morgantown, WV 26505**Phone** 304.293.7539 | **Email** commercialize@mail.wvu.edu | **File** **No.** | **Date****Submitted** | **Date****Approved** |
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| *Click shaded fields below and begin typing to complete this form. Shading does not print.* | More information available at: http://commercialize.wvu.edu |

**West Virginia University Invention Disclosure and Assignment Form**

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| 1. **Title of Invention**
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Provide a brief (5 to 10 word) description of the invention:

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| 1. **Establishment of Invention**
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1. Provide the following information about invention conception:

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| **Date:**       | **Place:**       | **Documented? Yes** [ ]  **No** [ ]  **If Yes, How?**       |

2. Was the invention reduced to practice or its proof of concept established? Yes [ ]  No [ ]  If yes, provide the following information on establishment:

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| **Date:**       | **Place:**       | **Documented? Yes** [ ]  **No** [ ]  **If Yes, How?**       |

3. Was a prototype or working model created or demonstrated? Yes [ ]  No [ ] If yes, provide the following information on creation or demonstration:

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| **Date:**       | **Place:**       | **Documented? Yes** [ ]  **No** [ ]  **If Yes, How?**       |

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| 1. **Summary of Invention**
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1. Briefly state the problem solved by the invention.

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2. Briefly explain what was invented. How does the invention solve the problem above? Why is the invention important and useful?

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3. Briefly explain what advantages the invention has over existing technology? Expand on all its novel and unusual features.

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4. List any critical materials (e.g. raw materials, chemicals, data, software, cell lines, antibodies, constructs, etc.) and their source used in the invention.

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| 1. **Prior Art**
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1. How is the problem addressed by existing technologies, products, or solutions? Attach any literature searches and identify relevant references.

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2. Provide 5 to 10 key words relevant to the invention that would be helpful in a prior art search.

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| 1. **Public Disclosure**
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1. Was the invention previously publicly disclosed? A public disclosure is a non-confidential communication to the public revealing the existence of the invention and enables a person having ordinary skill in the art to reproduce the invention. Forms of public disclosure can include abstracts, presentations, posters, dissertations or theses, proceedings, publications, public use of the invention, offering the invention for sale, or discussing the details of the invention with people outside of WVU not bound by a confidentiality agreement.

Yes [ ]  No [ ] If yes, provide each past public disclosure date and cite or describe the respective circumstance below. Add rows if necessary.

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| **Disclosure Date** | **Citation or Brief Description of Disclosure Circumstances** |
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2. Is a public disclosure of the invention planned or anticipated?

Yes [ ] No [ ] If yes, provide the anticipated public disclosure date and cite or describe the respective circumstance below. Add rows if necessary.

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| --- | --- |
| **Disclosure Date** | **Citation or Brief Description of Disclosure Circumstances** |
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| 1. **Sponsorship**
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1. Was the invention conceived or first reduced to practice in the performance of or related to the subject matter of a grant or contract? This includes government grants, contracts, subawards, industry sponsored research, gifts, fellowships, or internal WVU funding.

Yes [ ] No [ ] If yes, provide details below. Add rows if necessary.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sponsor | Sponsor Award ID or Contract No. | WVU Award ID or OSP No. | Period of Performance | Title or Brief Description of Work |
|       |       |       |       |       |

2. Is the subject matter of the invention part of one or more submitted or planned to be submitted applications for grant or contract funding?

Yes [ ]  No [ ] If yes, provide details below. Add rows if necessary.

|  |  |  |  |
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| Submission Date | Sponsor | Notice of Award Date | Title or Brief Description of Planned Work |
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| 1. **Third Party Rights**
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1. Are any agreements in place or interactions with a third party not identified in Section F. that may affect ownership of the invention? For example, material transfer, data transfer, inter-institutional, confidentiality, licensing, or consulting agreements, etc.

Yes [ ]  No [ ] If yes, identify each third party and a description of the agreement or interaction. Add rows if necessary.

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| Name of Third Party | Brief Description of Agreement or Interaction |
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| 1. **Commercialization**
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1. What existing or emerging industries or market sectors apply? If applicable, identify any foreign (non-US) countries or regions where a significant monetization opportunity exists. If market research was performed, provide results or reference to findings.

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2. What type of commercial products and/or services would be sold?

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3. Which of the following options best describes the current technology readiness level of the invention:

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| [ ] Concept formulated or critical proof of concept established OR less | [ ] Key working parts of prototype/process validated in lab environment | [ ] Complete working prototype/process validated in lab environment | [ ] Complete working prototype/process validated in real world environment OR better |

4. In your opinion, which of the following levels of investment would be needed to bring an initial product to market based on the current technology readiness of the invention? Select from the following options:

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| [ ] <$10K (small) | [ ] $10K-100K (moderate) | [ ] $100K-1M (large)  | [ ] >$1M (very large)  | [ ] Unsure |

5. Are you aware of any companies, individuals, or other entities that may be interested in commercializing the invention?

Yes [ ]  No [ ] If yes, identify those sources below. Add rows if necessary.

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| --- | --- | --- |
| Previously Contacted? | Name | Contact Information (email & phone number, if available) |
| Yes [ ]  No [ ]  |       |       |

6. Do you have an interest in forming a startup, participating in campus programs for commercialization, or business planning around this invention?

Yes [ ]  No [ ] If yes, elaborate on your interest. What specific resources would be most helpful?

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7. Do you wish to share any more information related to this invention?

Yes [ ]  No [ ] If yes, please provide the information below.

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| 1. **Detailed Description of Invention**
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Provide a detailed description of the invention below or in an attachment that illustrates or demonstrates its utility. This description should provide enough detail such that a person having ordinary skill in the art can make and use the invention. Include figures, drawings, data, results, and other materials as appropriate. Submitting unpublished and/or previously published documents (e.g. theses, manuscripts, proposals, sponsorship reports, etc.) as attachments is encouraged. If the invention involves a process or if software plays a key role, include a process flowchart or logic diagram.

See Attachment(s)? Yes [ ]  No [ ] If yes, briefly describe each attachment below.

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| 1. **Inventor Information**
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Provide the following information for each inventor. An asterisk (**\***) denotes a required field. Percent (%) contribution from all inventors must add up to 100%. Percent (%) contribution may be used to determine future royalty disbursements that result from this invention disclosure. A signature is required from all inventors. By providing your signature, whether electronic or original,

1. you hereby declare that the details furnished in this document are true and correct to the best of your knowledge; and
2. for WVU-affiliated inventors, the invention is submitted pursuant to and governed by the provisions of the WVU Intellectual Property Policy, available at <https://policies.wvu.edu/finalized-bog-rules/bog-governance-rule-1-5-intellectual-property-rule-for-patent-copyright-and-trademark-rights> (Rule 1.5), and you hereby confirm your assignment to WVU and any and all ownership you have in such invention and associated intellectual property rights pursuant to Rule 1.5.

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| **Inventor 1 (Lead)** |
| **\* Full Name:** |       |
| **Title or Position:** |       |
| **\* Department or Division:** |        |
| **\* College or School or External Affiliation:** |       |
| **\* Residential Street Address, City, State ZIP:** |       |
| **\* Primary Email:** |       | **\* Primary Telephone:** |       |
| **\* Alternate Email:** |       | **Alternate Telephone:** |       |
| **\* Citizenship:** |       | **\* % Contribution:** |       |
| **\* Inventor Signature:** |       |  **\* Signature Date:** |       |

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| **Inventor 2** |
| **\* Full Name:** |       |
| **Title or Position:** |       |
| **\* Department or Division:** |        |
| **\* College or School or External Affiliation:** |       |
| **\* Residential Street Address, City, State ZIP:** |       |
| **\* Primary Email:** |       | **\* Primary Telephone:** |       |
| **\* Alternate Email:** |       | **Alternate Telephone:** |       |
| **\* Citizenship:** |       | **\* % Contribution:** |       |
| **\* Inventor Signature:** |       |  **\* Signature Date:** |       |

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| **Inventor 3** |
| **\* Full Name:** |       |
| **Title or Position:** |       |
| **\* Department or Division:** |        |
| **\* College or School or External Affiliation:** |       |
| **\* Residential Street Address, City, State ZIP:** |       |
| **\* Primary Email:** |       | **\* Primary Telephone:** |       |
| **\* Alternate Email:** |       | **Alternate Telephone:** |       |
| **\* Citizenship:** |       | **\* % Contribution:** |       |
| **\* Inventor Signature:** |       |  **\* Signature Date:** |       |

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| **Inventor 4** |
| **\* Full Name:** |       |
| **Title or Position:** |       |
| **\* Department or Division:** |        |
| **\* College or School or External Affiliation:** |       |
| **\* Residential Street Address, City, State ZIP:** |       |
| **\* Primary Email:** |       | **\* Primary Telephone:** |       |
| **\* Alternate Email:** |       | **Alternate Telephone:** |       |
| **\* Citizenship:** |       | **\* % Contribution:** |       |
| **\* Inventor Signature:** |       |  **\* Signature Date:** |       |

**West Virginia University Research Corporation**

**Office of Innovation and Commercialization**

**Record of Confirmatory Assignment**

**to**

**West Virginia University**

**Board of Governors**

**on behalf of**

**West Virginia University**

WHEREAS,

|  |  |
| --- | --- |
| **Printed Full Name(s) of Inventor(s) (“Assignor(s)”)** | **Residential Street Address, City, State ZIP (No P.O. Box)** |
| **1.**       |       |
| **2.**       |       |
| **3.**       |       |
| **4.**       |       |

Assignor(s) has/have invented/created certain new and useful intellectual property with a working title of:

 **Title of Intellectual Property**

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which may become the subject of a United States or foreign patent application or any other type of intellectual property protection.

 AND WHEREAS THE WEST VIRGINIA UNIVERSITY BOARD OF GOVERNORS ON BEHALF OF WEST VIRGINIA UNIVERSITY, a state institution of higher education existing under the laws of the State of West Virginia (hereinafter called “Assignee”), is desirous of acquiring the entire worldwide right, title, and interest in, to and under said invention/creation and in, to and under Letters Patent or similar legal protection including any intellectual property protections to be obtained therefore in the United States, its territorial possessions, and in any and all foreign countries.

 NOW, THEREFORE, in consideration of the relationship between Assignor(s) and Assignee, the West Virginia University BOG Governance Rule 1.5, Intellectual Property Rule for Patent, Copyright, and Trademark Rights, and/or other good and valuable consideration, the receipt and sufficiency of all of which Assignor(s) hereby acknowledge(s), Assignor(s) has/have agreed to assign and do/does hereby assign, sell, transfer, and set over unto said Assignee, the entire right, title, interest in said intellectual property and improvements for the United States and its territorial possessions and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said Assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and an and all divisions, reissues, continuations, continuations-in-part, substitutes, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by Assignor(s) had this assignment not been made.

 The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. Assignor(s) covenant that Assignor(s) is/are the lawful owner(s) of the inventions and improvements disclosed in said invention, that the same are unencumbered, that no license has been granted to make, use, offer for sale, sell or import said inventions or improvements of any of them, and that Assignor(s) has/have the full right to make this assignment.

 Assignor(s) hereby covenant(s) with said Assignee, its successors, assigns and legal representatives that I/we have made to others no assignment, grant, mortgage, license, sale or agreement affecting the rights and property conveyed and that we have the full right to convey the same as herein expressed.

 And for the consideration aforesaid, Assignor(s) agree(s) jointly and individually that Assignor(s) will communicate to said Assignee or the representatives thereof any facts known to Assignor(s) respecting said inventions and improvements, and will, upon request, but without expense to Assignor(s), testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue, continuation, continuations-in-part, substitutes, renewal, and/or all other patent applications, execute all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon Assignor(s) heirs, executors, administrators, successors, and/or assigns, and shall inure to the benefit of the heirs, executors, administrative successors and/or assigns, as the case may be, of said Assignee.

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| --- | --- | --- | --- |
| **Assignor 1. Signature:** |  | **Date:**  |  |
| **Assignor 2. Signature:** |  | **Date:**  |  |
| **Assignor 3. Signature:** |  | **Date:**  |  |
| **Assignor 4. Signature:** |  | **Date:**  |  |