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| **SECTION 1: INNOVATION TITLE** |

**Provide a title for the technology.** **The title should be brief, technically accurate, descriptive, and ten words or less. In some cases, this may be the first thing a potential licensee will look at so it should describe some key feature, improvement, or key word that will catch people's attention.**

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| **SECTION 2: DEVELOPER INFORMATION/SIGNATURES** |

**Provide the requested information for each developer of the technology. “Developer” refers to an individual or group of individuals who make, conceive, reduce to practice, author, or otherwise make a substantive intellectual contribution to the development of intellectual property. “Developer” includes the definition of “inventor” used in U.S. patent law for patentable discovery and the definition of “author” used in the U.S. Copyright Act for copy written works of authorship. Attach additional sheets as necessary to describe each person’s contribution.**

**By signing this form, each developer obligated to assign his/her intellectual property ownership rights to the Board of Trustees of Southern Illinois University as defined by the Southern Illinois University System Intellectual Property Policy hereby assigns his/her ownership rights in the subject matter described herein to the Board of Trustees of Southern Illinois University.**

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| Signature: | | Date: | |
| Name: | | Title: | |
| SIU Department or Outside Company/Organization: | | | |
| Work/Alternate Phone Number: | | Email Address: | |
| Home Address (Street, City, State, and Zip Code): | | | |
| Percent Contribution: | Country of Residence: | | Citizenship/Permanent Residency: |

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| Signature: | | Date: | |
| Name: | | Title: | |
| SIU Department or Outside Company/Organization: | | | |
| Work/Alternate Phone Number: | | Email Address: | |
| Home Address (Street, City, State, and Zip Code): | | | |
| Percent Contribution: | Country of Residence: | | Citizenship/Permanent Residency: |

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| SIU Department or Outside Company/Organization: | | | |
| Work/Alternate Phone Number: | | Email Address: | |
| Home Address (Street, City, State, and Zip Code): | | | |
| Percent Contribution: | Country of Residence: | | Citizenship/Permanent Residency: |

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| **SECTION 4: TECHNOLOGY DESCRIPTION QUESTIONS** |

1. **Brief summary of the technology:** Please summarize the technology, including a non-technical description of how it solves a particular problem. This should be no longer than two paragraphs (think of it as an abstract).

**2. Similar technologies and novelty:** What existing technologies (provide links/references to journal articles, book chapters, patents, patent applications, etc.) are most like your technology and what are the key novel features of your technology that distinguish it from these existing technologies? It may be helpful to try to finish the sentence "The element of my technology that makes it unlike anything else is . . ."

**3. Technical description:** Please provide a technical description of the technology that would enable someone to recreate it in full. The description should be sufficiently complete in technical detail to convey a clear understating of the nature, purpose, and operation of the technology, as well as the physical, chemical, biological or electrical characteristics of the technology. Pictures and flow charts are also very helpful to clarify the procedure and can help to strengthen a patent. Thus, if a manuscript or grant application is attached, a reference to that document is acceptable here.

**4. Possible variations:** Describe any possible variations that can be used to broaden the scope of the technology The broader the claims the stronger the patent and the less likely it is that a competitor can engineer around the patent. This should include any variations in the types of chemistry, sequences, mutations, materials, manufacturing methods, alternative steps or approaches that can be used to create or enable the technology. The more examples, the better.

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| **SECTION 5: STATE OF DEVELOPMENT AND MARKETABILITY QUESTIONS** |

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| 1. **Stage of Development:** Please select the current stage of development of the technology and provide any data or other information supporting your selection. | * Concept Only   Date Conceived: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   * Preliminary Data Collected * Full Proof of Concept Demonstrated |

1. **Products and services:** What potential products or services could be created using the technology?
2. **Companies:** What companies might sell such a product/service?
3. **Limitations of the Technology:** Describe: a) any known trade-offs, limitations or disadvantages of the technology; b) how they may be overcome; and c) any particularly problematic applications. For example, does it have more components/failure points, lower resolution, or adverse side effects? For example, is the technology larger/smaller, more expensive, or incompatible with common protocols/devices/regulations?

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| **SECTION 6: TECHNOLOGY DISCLOSURES** |

1. **Past Disclosures:** Has information or have any materials associated with this technology been disclosed to individuals outside of SIU? If yes, provide the date of submission and the date of publication as well as copies of any relevant documents including the proposed manuscript and publication.
2. **Future Disclosures:** Are there currently any plans to disclose information or materials associated with this technology to individuals outside SIU within the next 12 months? If yes, provide the date of submission and the date of publication as well as copies of any relevant documents including the proposed manuscript and publication.

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| **SECTION 7: MATERIALS AND SOURCES OF FUNDING** |

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| 1. Was the technology supported with sponsorships, grants, contracts, research agreements, or other source of funding outside of SIU? If so, please provide the following information for each source of funding: | | | |
| Agency/Commercial Entity Name: | Grant/Contract Number: | SIU Business Unit #: | Principal Investigator: |
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| Grant Title/Description: | | Project Start Date: | Project End Date: |
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| 1. Was this technology made under any other agreement(s) (e.g., collaboration, material transfer, nondisclosure, or other non-funded agreement)? If so, describe each one, including material/subject matter, company/organization, and dates. | | | | |

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| **SECTION 8: INSTITUTIONAL ACKNOWLEDGEMENT (FOR OTMIR USE ONLY)** |

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| OTMIR File Identifier: | Date Received by OTMIR: |
| Signature, OTMIR Director: | Date: |
| Signature, Senior Research Administrator: | Date: |