OFFICE OF TECHNOLOGY TRANSFER
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OFFICE USE ONLY
LU Case #:
Date Received:
Lead Inventor:

INVENTION DISCLOSURE FORM

PLEASE TYPE AND SUBMIT COMPLETED FORM TO ott@lehigh.edu

An invention disclosure should be made when something new and of practical utility has been conceived or developed, or when unusual, unexpected, or nonobvious research results having clear practical implications have been realized.

The purpose of this disclosure form is to permit evaluation of your invention, to determine whether the invention is patentable and to establish whether commercial development is feasible. The invention should be clearly described so that someone having knowledge in the field of the invention can understand the technical merits of the invention, its usefulness, and possible practical applications. Information that helps evaluators appreciate the invention will increase its ultimate chances for successful patenting and later market development.

The remainder of the disclosure covers certain general issues that need to be taken into account with every invention.

- **Inventorship:** Inventorship is a fundamental concept in patent law. In short, an invention is a novel and nonobvious means of fulfilling some need – novel in that it didn't exist before, at least not in exactly the same form, and nonobvious in that a person well-versed in the field working to fulfill the same need would be very unlikely to come up with it. An inventor is a person who contributed to the conception of the invention. Every person who has inventive contribution to the disclosed invention must be listed as an inventor.
- **Public Disclosure:** Public disclosure is any non-confidential communication, written or oral, of an invention by an inventor to one or more persons of the public. When a public disclosure renders an understanding of an invention available to others, this can disqualify the invention from being protected in most countries. Some countries, including the United States and Japan, provide a 12-month grace period within which publication does not preclude seeking of patent rights. It is very important for the potential global protection of your invention that the invention be disclosed before ANY public disclosure.
- **Invention Funding:** Identification of the financial support used during the development of the invention helps determine whether there are contractual obligations to the US government or to research sponsors. The federal government has strict rules on handling of inventions emanating from federally sponsored research, and many grants and contracts create obligations to other research sponsors.

1. Title of Invention:

a) Is this disclosure related to any previous disclosure(s)? YES ☐ NO ☐ (If yes, please list disclosure(s) below)

b) Please select your type of invention:
Hardware ☐ Software/Copyright ☐ Materials/Chemistry ☐ Medical Device ☐ Diagnostic ☐ Therapeutic ☐

2. Brief Description of Invention:

3. Inventor Information: List as inventors those individuals who contributed to the conception of the invention. Conception involves conceiving the means to accomplish the desired result. Thus, persons who actually contributed to the invention by conceiving physical structure or operative steps would be considered inventors. Persons who merely suggested an idea of the result to be accomplished without providing any means of achieving the result would not be considered inventors. Persons who merely acted under the direction and supervision of the conceivers without exercising inventive skill of their own are not considered to be inventors, either.

Lehigh University Inventor(s) Information: (**NOTE:** Please identify Lead Inventor as Inventor 1)

INVENTOR 1	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

INVENTOR 2	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

INVENTOR 3	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

INVENTOR 4	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

INVENTOR 5	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

INVENTOR 6	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

Non-Lehigh University Inventor(s) Information: Are there Non-University Inventors YES ☐ NO ☐ (If yes, please list below)

INVENTOR 1	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

INVENTOR 2	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

INVENTOR 3	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

INVENTOR 4	
Inventor's Name	
Title / Position	
College / Department	
Email Address	
Phone Number	

4. Lehigh Inventor Distribution Agreement:

All royalties payable to multiple inventors, under Lehigh University's Intellectual Property Policy, will be split EQUALLY among inventors unless said inventors indicate their agreement for a different royalty distribution. This is done by filling in the distribution percentages below. This is a provisional distribution. Inventorship is a specific legal concept and if patent applications are filed, inventors will be determined by a patent attorney later in the process. Royalty distributions may be revisited after inventors are formally identified and elements of commercial value are better understood.

I. **Unless agreeing to a non-equal distribution, inventors will share royalty distributions equally. If royalty distribution is to be split equally among listed inventors check here** ☐

II. **If you wish to complete a distribution agreement for all Lehigh inventors, check here** ☐ **and continue below.**

Percentages should add up to 100%.

Inventor's Name	Percentage (%)	Signature (Required)

5. Description of Invention: Attach a detailed description of the invention, including all relevant papers, PPTs, data, any drawings or sketches and information necessary for understanding the invention. It is helpful to explain the problem the invention solves, with reference to any prior attempts (successful or unsuccessful) by others to solve the problem. Then explain how your invention works in comparison to the other known solutions and what advantages it provides.

What is the novel and unique aspect of the invention:
Please describe below specifically what you consider to be the invention; what is new and novel; advantages or improvements over current technologies; problems technology solves

Applications and uses:
Please describe below the potential applications and uses of the invention

Stage of development of invention:

Developmental Stage		Date
Conceptual	☐	
Initial Data Contained	☐	
Proof of Concept	☐	
Lab/Bench Setup	☐	
Prototype	☐	

Medical Applications (Data)		Date
In vitro	☐	
In vivo	☐	
Clinical	☐	

6. Invention Conception: Where and when was the invention first conceived and who was involved?

7. Funds Exhausted: Provide best estimate on the amount spent to develop the invention to date (e.g. amount of grant funding, etc.):

$

8. Funding Sources: If the invention was created under a research project receiving funding from a government agency, nonprofit entity, or an industry sponsor, the University may have obligations to report inventions to the US Government or have certain obligations to the sponsor. Please carefully consider all sources of funds used in the research that led to this invention and provide the requested information below. Please use grant or contract numbers if available. **NOTE: If no federal grant funds were used, please check this box** ☐

I. Federal Funding:

Check all that apply and provide details below:

NIH ☐ **NSF** ☐ **DoD** ☐ **DoE** ☐ **NASA** ☐ **SBIR / STTR** ☐ **Other** ☐

Name of Agency	Contract or Grant No.	Principal Investigator	Grant Title	Project Period Dates

II. Industry Support:

Check all types of relationships and provide details below:

Sponsored Research Agreement ☐ **Gift** ☐ **Other** ☐ **None** ☐

Name of Sponsor	Type (SRA, SBIR, etc.) and No.	Title	Project Period Dates

III. Lehigh University Support:

State / Nonprofit / Foundation Funding: Please list sponsors and provide details below.

Check all types of relationships and provide details below:

State ☐ **Provost's Award** ☐ **Start-up Funds** ☐ **Other** ☐ **None** ☐

Name of Sponsor	Contract No.	Title	Project Period Dates

9. Public Disclosure: Have you published or otherwise publicly disclosed this information? YES ☐ NO ☐

Has the invention been:	YES	NO	Date	Disclosure Explanation
Discussed with others outside of Lehigh University? (If yes, please provide where / when / format)	☐	☐		
Submitted as an abstract or manuscript? (If yes, provide expected publication journal / date)	☐	☐		
Submitted in a grant application or report? (If yes, provide agency / expected funding / date)	☐	☐		
Published in any form (internet / poster / etc.)? (If yes, provide published date / form)	☐	☐		
Are there any potential future discussions/disclosures? (If yes, provide format / date)	☐	☐		

Please Note: *If the invention has not yet been presented, published, or otherwise disseminated to the public, the Office of Technology Transfer should be notified immediately of any releases contemplated in the future*

10. Commercialization Potential: Completing this section will help our office prepare a more robust assessment and assist in identifying marketing opportunities.

I. What are the potential commercial applications for the invention?

II. What additional research or development, if any, is needed to commercialize the invention?

III. What are the limitations that must be overcome prior to practical application?

IV. What are the advantages of the invention versus present technologies?

V. Please provide any available data or information on market potential/size.

VI. Are you thinking of a startup opportunity to commercialize this invention? YES ☐ NO ☐

VII. Do you have a potential licensee(s) or industry partner in mind? YES ☐ NO ☐ If yes, please list below:

COMPANY 1	
Company Name	
Company Address (Street)	
Company Address (City, State)	
Company Address (Zip code)	
Contact Person	
Contact Title	
Contact Phone Number	
Contact Email Address	

COMPANY 2	
Company Name	
Company Address (Street)	
Company Address (City, State)	
Company Address (Zip code)	
Contact Person	
Contact Title	
Contact Phone Number	
Contact Email Address	

11. Export Control: **THIS SECTION MUST BE COMPLETED** Lehigh University has an obligation to implement an export control compliance program to reduce the risk of export control violations. All employees and students must be aware of and are responsible for the export control implications of their work and must ensure their activities conform to export control laws and regulations. It is important for the Office of Technology Transfer to understand if the technology that is the subject of this disclosure is controlled by export regulations. Consult with the Office of Research Integrity for questions about determining whether the technology is subject to export control.

a) Does this invention involve or might it be employed to design, develop, produce, stockpile, or use the following:

- High performance computing or encryption technology? YES ☐ NO ☐
- Nuclear materials? YES ☐ NO ☐
- Explosive devices, chemical or biological weapons, or missiles? YES ☐ NO ☐
- Other military intelligence or defense-related hardware, software or technical data? YES ☐ NO ☐
- Satellites or other space-related technology? YES ☐ NO ☐

b) Are there any restrictions on publication of the information generated in the course of the research that led to this invention, beyond a brief review (up to 90 days) for patent protection and/or inadvertent release of a third party's proprietary information? YES ☐ NO ☐

c) Are there any restrictions on participation in the underlying research by citizens of a foreign country (including students)? YES ☐ NO ☐

d) Have you received information identified as export-controlled from a third party relative to this invention or the underlying research? YES ☐ NO ☐

e) Is your invention or the underlying research covered by an IBC (Institutional Biosafety Committee) protocol? YES ☐ NO ☐

f) Do you have any other reason to believe that your invention might be export-controlled? YES ☐ NO ☐

12. Inventor(s) Signature(s):

I (We) assign all right, title and interest to this invention to Lehigh University and agree to execute all documents as requested, assigning to Lehigh University our right in any patent application filed on this invention, and to cooperate with the Lehigh University Office of Technology Transfer in the protection of this invention. Lehigh University will share any royalty income derived from the invention with the inventor(s) according to its standard policies. Failure to submit to the Office of Technology Transfer an update to this form to show changes to your address, phone number, email address, and/or employment/enrollment status may lead to the forfeiture of royalty income.

All Lehigh University Inventors must sign below:

INVENTOR 1		
	Signature	
	Date of Signature	
	Inventor's Name	
	Home Address (Street)	
	Home Address (City, State)	
	Home Address (Zip Code)	
	Country of Citizenship	

INVENTOR 2		
	Signature	
	Date of Signature	
	Inventor's Name	
	Home Address (Street)	
	Home Address (City, State)	
	Home Address (Zip Code)	
	Country of Citizenship	

INVENTOR 3		
	Signature	
	Date of Signature	
	Inventor's Name	
	Home Address (Street)	
	Home Address (City, State)	
	Home Address (Zip Code)	
	Country of Citizenship	

INVENTOR 4		
	Signature	
	Date of Signature	
	Inventor's Name	
	Home Address (Street)	
	Home Address (City, State)	
	Home Address (Zip Code)	
	Country of Citizenship	

INVENTOR 5		
	Signature	
	Date of Signature	
	Inventor's Name	
	Home Address (Street)	
	Home Address (City, State)	
	Home Address (Zip Code)	
	Country of Citizenship	

INVENTOR 6		
	Signature	
	Date of Signature	
	Inventor's Name	
	Home Address (Street)	
	Home Address (City, State)	
	Home Address (Zip Code)	
	Country of Citizenship	