

Invention ID: **TECH-22-0000**



Title: **Please share a generic title for your invention**

Technology ID: **RFT- will be assigned after the disclosure is approved**

Type: **Invention Reporting Form**

Submitted By: **Any one inventor**

Updated Date:

Original Submitted Date:

Last Submitted Date:

Stage:

Status:

Invention Description

Title

This title should be general. In the event that a patent is filed, the patent application may not have the same title as the invention disclosure.

Same as above

Description of Copyrightable Materials

Describe the key inventive concept. Be as specific and thorough as possible. Manuscripts, diagrams, images, schematics, and other supporting information can be uploaded in the Documents section below.

This is an opportunity to share details and key theories of your invention. What makes it unique. We urge you not to copy-paste the abstract of your manuscript. Instead explain your work in simple terms that can be understood by individuals not in your field of work. There is no word limit, so feel free to be as descriptive as possible.

What is the development state of the technology?

Choose the appropriate option. If needed, add reasoning or additional comments in the description above or in the remarks section at the end.

Stage of Research

Choose the appropriate option. If needed, add reasoning or additional comments in the description above or in the remarks section at the end.

Stage of Prototype Development

Choose the appropriate option. If needed, add reasoning or additional comments in the description above or in the remarks section at the end.

Stage of Development

Choose the appropriate option. If needed, add reasoning or additional comments in the description above or in the remarks section at the end.

Does this invention disclosure build on work that has been previously been disclosed to NDSU?

If yes, please share the RFT number of the previous disclosure.

Was this invention disclosure part of a class project?

If yes, please share the year, name of the sponsors and attach any existing agreements .

Does this invention use data or materials obtained from outside NDSU?

(This does not include materials, data, or software that was purchased from a vendor.)

If yes, please include the year, name of the provider and attach any agreements. Please note that this question does not pertain to items purchased from Vendor.

List Prior Art or any related technology, papers, patents, products

Kindly include a list of any and all relevant prior art or pieces of literature that you may have come across during a quick lit review.

Invention's novel and unusual features:

What makes this technology unique? How exactly is it different from similar/known counterparts?

Share in detail

What problems does this invention solve?

Kindly list the immediate issues and problems this technology addresses as well as any potential uses.

Key words

What are the words you would use to describe either the problem and the core of your invention that solves the said problem

Commercial Applications

Advantages over current existing technology.

List all the advantages known to you and your peers.

What are the potential commercial applications for this invention?

Kindly share details.

List companies that may have an interest in disclosed technology

Company	Reason for interest	Have you been in contact with the company
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Funding

Funding Sources

List all federal, state, local, industry, and foundation, association, and board funding used to support the development of this technology.

Funding

Grant / Contract No	Title	Granted Date	Funding Institution	Investigator
	Please list ALL the funding sources			
	In case of multiple sources, please comment on the lead funding source, i.e. what source was used to reduce the core invention to practice.			

Disclosures

Publications, Presentations, Poster Sessions, Web Postings

Provide key dates in the disclosure of this technology including all past publications and presentations. Also include information related to any web or social media postings about the technology.

Disclosure Date	Type or Description of Disclosure	Was disclosure enabling?
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Provide any information available about potential future public disclosures related to this technology.

Please list manuscripts that are in preparation, along with any planned dissertations, presentations (local, national, international), Master's or Ph.D. defenses (if public), etc.

Expected Date of Disclosure	Type or description of Disclosure
Kindly add the date or the best estimate	Kindly review the different examples of public disclosures and provide additional detail

Export Controls

Are you aware of any Export Control restrictions?

No

Export Controls

Have you had any discussions with the Export Control Administrator related to any part of this invention disclosure?

Inventors

NDSU Inventors

Inventor(s) not employed by NDSU should be included in the next section.

Inventors

First Name	MI	Last Name	Email	Significance	Contribution	Role Type	Working For Company	Working For Department
				1			North Dakota State University (NDSU)	
				2			North Dakota State University (NDSU)	
				3			North Dakota State University (NDSU)	

Are the primary Inventors from NDSU or another Institution?

NDSU

Non-NDSU Inventor(s)

Please add names and contact information for any inventors not associated with NDSU.

Full Name	Title	Institution/Company Affiliation	Institution/Company Address	Phone Number	Email Address	Citizenship
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Remarks

Remarks

By	Comment	Date Added
	Feel free to add any additional comments	

Documents

Documents

File Name	Created By	Date Created
There is no limit on the number of attachments. Please add all relevant information		
However, there is a size limit of 4 MB. Hence please use reduced size PDF or Word documents.		

The information provided to complete this invention reporting form is true, accurate, and complete to the best of my knowledge. I understand that anything less than a full disclosure of the invention described herein may adversely affect my rights as an inventor and may have legal ramifications if it is later determined that I intentionally withheld information from this invention report. I hereby agree to assign and do hereby assign all of my rights in this invention to NDSU, in accordance with NDSU policies, for good and valuable consideration, the receipt of which is hereby acknowledged. I acknowledge and agree that all of my laboratory materials, notebooks, and reports generated while I am an employee and/or student of NDSU remain the property of NDSU. Further, I agree that financial consideration, if any, will be distributed amongst all inventors pursuant to NDSU policy.

Date

Date

Date