**North Carolina Agricultural**

**& Technical State University**

**Invention Disclosure Form**



If you have questions about completing this Form or
for more information concerning Intellectual Property protection, please contact
Pritesh Kasliwal, Director of IP Development & Commercialization

(336) 285-4280 | pkasliwal@NCAT.edu

Please submit the completed form to:

Office of Technology Transfer

Division of Research and Economic Development

Room 219, Fort IRC Building

1601 East Market Street

Greensboro, NC 27411

Title of Invention:

An inventor is one who contributes to the conception of an invention as that invention is subsequently defined by one or more patent claims. The final determination on inventorship must therefore wait until such time as a patent application is filed and may be updated if/when patent claims are issued. At this time, please identify those people who you believe contributed to the conception of the invention as described in this disclosure.

Inventor’s Name (printed):

Inventor’s Title in Full Citizenship

University Address (include college and department)

University Phone Home Phone

Home Address (include county of residence)

Email Address

% Contribution to disclosed invention

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1. Date the Invention was first conceived

The date that you had in your mind a definite and permanent idea of the complete and operative invention, as it is to be described in a patent application or applied in practice (even if you hadn’t yet made it).

1a. Is this date documented? (For example, in a laboratory notebook) Yes [ ]  No [ ]

If so, please identify reference numbers and physical location of data notebook or laboratory records, but do not enclose copies.

2. Has the invention been reduced to practice? Yes [ ]  No [ ]

(Reduction to practice means you have constructed the invention or performed the inventive process, and the invention operated for its intended purpose.)

3. Was the research that led to the conception or reduction to practice of the invention sponsored?

 Yes [ ]  No [ ]

If Yes, fill in the appropriate blanks below.

1. Government Agency (Grant or Contract Number)
2. Industrial Company (Grant or Contract Number)
3. Other sponsor(s)

4. Have you published or publicly presented the invention, for example data, manuscript, article, grant application, thesis, abstract, poster presentation, demonstration, news release, oral presentation, etc. pertaining to the invention? Yes [ ]  No [ ]

4a. **If yes, please list dates and attach copies.**

5. Have you submitted or are you preparing to submit data, manuscript, article, grant application, thesis, abstract, poster presentation, demonstration, news release, oral presentation, etc., pertaining to the invention? Yes [ ]  No [ ]

5a. **If yes, please list projected publication dates and attach copies or drafts if available.**

6. Describe the particular problem the invention seeks to solve.

7. Describe how others have attempted to solve the problem described in the answer to question #6 and the limitations/deficiencies of those solutions. This is to help identify the state-of-the-art prior to your invention. Please cite to references such as patents and journals, as appropriate.

8. Give a complete description of your invention. Use drawings, diagrams, or figures as appropriate. Description may be by reference to a separate document (*e.g.* a report, preprint, grant application or the like) which should be positively identified and attached to this disclosure.

9. Describe in detail the novel features of your invention.

Consider for example: How is your invention different than what is used commercially or what is described in a publication, patent, brochure, website, etc? Does your technology solve an unsolved problem? If your invention solves a problem that already has commercial or non-commercial solutions, does your invention solve the problem in a way that is cheaper, safer, faster, more efficient, better for the environment, etc?

10. Please identify any known research, technologies, publications or patents that might compete with this innovation (other than what is identified in answer to question #7). Consider for example, other known or proposed technologies that address the same problem that you identified in the answer to question #6 using a different approach from your own technology.

11. What is the current state of development of the invention? **Please mark one:**

Written a proposal but conducted no research .... [ ]

Conducted preliminary research .......................... [ ]

Built a laboratory model ........................................ [ ]

Conducted prototype testing ................................ [ ]

Other (Please describe below) ............................. [ ]

12. **Do you have data that would convince a potential commercial partner of the viability of your invention?**  Yes [ ]  No [ ]

 That is, have you conducted the experiment(s) that provide adequate proof of principle?

12a. **If no, how much would the proof of principle experiment(s) cost to run?**

13. What plans do you have for further development of your invention?

For example, are your studies in progress? Are studies dependent on future commercial/federal sponsorship?

14. Has any progress been made toward the commercialization of this invention? Yes [ ]  No [ ]

 For example, have you been approached by a potential commercial partner?

 14a. **If yes, please describe the progress/discussion to date.**

15. **List as many commercial applications of the invention as you can.**

For example, what do you envision as the product or salable item that would result from the invention?
Please consider other forms of the invention or alternative uses of the invention.

16. What companies do you think may be or are interested in manufacturing/practicing the invention?

Please list contacts at those companies, if known to you.

16a. Why do you think they would be interested?

17. Please conduct a literature/internet search to help identify relevant work in the technology space of your invention. This will help determine the novelty of the invention. Please list any publications and patents, which you did not explicitly identify previously.

18. Please list any key words that may assist the Office in conducting a supplemental search on this technology and gaining a better understanding of your invention.

CERTIFICATION

 By signing below, each inventor certifies the following to be true:

1. I have made an intellectual contribution to the invention as described herein, and therefore believe I am an Inventor;
2. To the best of my knowledge, each of the other Inventors listed below have made an intellectual contribution to the invention; and
3. To the best of my knowledge, there are no other Inventors that should also be included.

Inventor(s)

Printed Signature Date

Printed Signature Date

Printed Signature Date

Printed Signature Date

The Invention as described herein was disclosed and understood by me:

Witness Signature Printed Name Date

Administrative Acknowledgement:

Department Chair/Center Director Signature Printed Name Date

Dean Signature Printed Name Date

Office of Technology Transfer:

Signature Printed Name Date