

Contract No. DE-AC02-98CH 10886

**BROOKHAVEN NATIONAL LABORATORY
BROOKHAVEN SCIENCE ASSOCIATES, LLC.
Upton, L. I., N. Y. 11973**

RECORD OF INVENTION

**This Record of Invention is an important legal document.
Proper care in its early and complete preparation will save important time and inconvenience in the future.**

1. PREPARER OF RECORD OF INVENTION

Name

Position

Street Address

City

County State Zip

Citizenship

2. TITLE OF INVENTION

3. GENERAL DESCRIPTION OF INVENTION. If pertinent, attach illustrations and refer to them in the description. Please address the following issues:

- i. What is the problem to be solved?
- ii. What are the disadvantages or shortcomings of previous attempts to solve the problem?
- iii. How does the invention work?
- iv. Give a detailed description of the invention.
- v. What further development remains to be accomplished?

If more space is needed, attach a sheet.

4. NOVEL FEATURES. What distinguishes the components, steps or arrangement of your method, apparatus, article or composition from those previously known, as far as you are aware?

5. Date and Place Invention Was <u>First Conceived</u> ?	
6. Date and Place of First Sketch, Drawing or Photo	
7. Date, Place and Identification of <u>First Written Description</u>	

8. CONTRIBUTION TO INVENTION BY PREPARER

Describe your contribution to the conception or experimental development of the invention

9. CONTRIBUTING COLLABORATORS

Identify your collaborators and describe their contribution to the conception or experimental development of the invention

Name	Work Address and Phone	Residence Address	Contribution
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Name	Work Address and Phone	Residence Address	Contribution
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10. DISCLOSURE OF INVENTION TO OTHERS

Name and Address	Date and Place of Disclosure	Form of Disclosure	Was Signature Obtained (Yes or No)

11. Date and Place of Completion of First Sample, Operating Model or Full-Sized Device

12. Date and Place of First Test

13. Extent of Use; Past, Present and contemplated

14. Related or referenced Publications, Patents or Patent Applications (Please attach copies of relevant research articles or other referenced publications)

15. Is Publication of Details of this Invention Contemplated?

If So, in What Form and When?

16. Was the Invention Made During the Course of Work Sponsored by Another Federal Agency?

If So, Identify Agency

17. Was the Invention made during the course of a CRADA?

If So, Identify the CRADA Industry Participant

18. Sketch Illustrating Invention (if Applicable). Use Separate Sheet, if Necessary.

I (We) certify that the statements herein are correct, to the best of my (our) knowledge and belief.

		<u>Date</u>
Preparer	_____	_____
Contributor	_____	_____

Approved by Department Chair:

Date: _____

DISCLOSURE VERIFICATION

TITLE: _____

DOE DOCKET NO: S- _____

PREPARER: _____

BNL DOCKET NO: _____

Every inventor seeking patent protection for his invention and every contributor working with the inventor and having knowledge of the invention has an obligation to disclose to the U.S. Patent and Trademark Office information of which he or she is aware that is material to examination of the patent application. Information is material to a patent examination if there is substantial likelihood that a reasonable patent examiner would consider the information related to the present invention and therefore important for consideration in deciding whether to allow the application to issue as a patent. Information of this type includes, but is not limited to, publication or any public use or sale of the invention, or any aspect of it, or similar information such as related art, from which it could be concluded that the invention would have been obvious to an individual skilled in this technology at the time of the invention.

In addition to the information set forth in the Record of Invention, are you aware of any:

YES

NO

- _____ _____ Reduction to practice of the invention? If so on what date did the first reduction to practice occur? _____
- _____ _____ Publication of the invention? If so, what is the date of the first such publication? _____
- _____ _____ Routine use of the invention? If so, describe the extent of use and give the date of the first routine use. _____
- _____ _____ Experimental use of the invention? If so, give the date of the first experimental use. _____
- _____ _____ Other U. S. or foreign patent applications prepared or filed disclosing this invention? If so list patent numbers or other identifier. _____
- _____ _____ Sale or offer of sale of the invention? If so, what is the date of first sale or offer for sale? _____
- _____ _____ Information material to examination of the patent application which was not previously disclosed?

If the answer to any one or more of the above questions is YES, please identify the date of each event, give other identifying data and describe the circumstances surrounding it. If a publication of the invention has occurred, attach a copy of the publication and indicate the date the publication first became available to the public. Copies of any material references should also be provided and the references listed as an appendix hereto.

Preparer's signature

date