

FORM PTO-1619A
Expires 06/30/89
OMB 0831-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

3-109,152

RECORDATION FORM COVER SHEET PATENTS ONLY

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Merger Other

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Departmental File Secret File

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Mark If additional names of conveying parties attached

Name (line 1)	<input type="text" value="WINGO, Robert M."/>	Execution Date Month Day Year <input type="text" value="02/14/2008"/>
Name (line 2)	<input type="text"/>	
Second Party		Execution Date Month Day Year
Name (line 1)	<input type="text" value="McCABE, Kirsten J."/>	<input type="text" value="02/14/2008"/>
Name (line 2)	<input type="text"/>	

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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FORM PTO-1619B
Expires 06/30/99
OMB 0831-0027

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PATENT

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Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text" value="12/039770"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: #

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Katherine Baldwin

Katherine Baldwin

6-17-09

Name of Person Signing

Signature

Date

FORM PTO-1619C
Expires 06/30/09
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RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce
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PATENT

Conveying Party(ies)

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Name (line 1) HAARMANN, Timothy K.

Execution Date
Month Day Year
02/21/2008

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Patent Application Number(s)

Patent Number(s)

12/039770		

Patent Assignment

S-109,152

U.S. DEPARTMENT OF ENERGY
PATENT ASSIGNMENT FORM

12/039770

WHEREAS, we, Robert M. Wingo, Kirsten J. McCabe, Timothy K. Haarmann citizens of the United States residing in Los Alamos, County of Los Alamos, State of New Mexico; in Los Alamos, County of Los Alamos, State of New Mexico; and in Jemez Pueblo, County of Sandoval, State of New Mexico have invented certain new and useful improvements in Proboscis Extension Reflex Platform for Volatiles and Semi-volatiles Detection for which we are about to file an application for United States Letters Patent identified as S-109,152; and; executed by us on 2/14/2008; 2/14/2008 and 2/21/2008; and

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to the said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Government of the United States to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms, and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or others actions or proceedings that said applications may encounter or in which they may become involved, and we agree that we will aid the Government of the United States in every way in protecting the invention as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

WITNESS:

Kirsten J. McCabe

Robert M. Wingo

INVENTORS:

Robert M. Wingo (SEAL)
February 14th, 2008
Date

Kirsten J. McCabe (SEAL)
February 14th, 2008
Date

Patent Assignment

S-109,152

Karenly Miken

Frank J. Hayes (SEAL)
February 21, 2008
Date

Approved and consented to this 21st day of February, 2008

Los Alamos National Laboratory

By Bruce H. Cottrell

Accepted for the Benefit of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

By

Paul A. Gottlieb
Paul A. Gottlieb
Assistant General Counsel for Technology
Transfer and Intellectual Property

ATTEST:

Matthew Rubini