504902198 05/07/2018

EPAS ID: PAT4948942

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEFAN P. SVENSSON	12/22/2009
JOHN D. DEMAREE	12/22/2009

RECEIVING PARTY DATA

Name:	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY
Street Address:	101 ARMY PENTAGON
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20310

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13486168	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: ARL 08-16DIV

NAME OF SUBMITTER: NADINE L. LOMAN

SIGNATURE: /Nadine L. Loman/

DATE SIGNED: 05/07/2018

Total Attachments: 3

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PATENT 504902198 REEL: 045731 FRAME: 0377

ASSIGNMENT AND AGREEMENT

Title of Invention: A Method for Growth of Dilute-Nitride Materials using an Isotope for Enhancing the Sensitivity of Resonant Nuclear Reation Analysis

Inventor(s): Stefan P. Svensson, John D. Demaree

Date Declaration Executed: 12/22/2009 5/22/12, 5/17/2012

*Application Serial No.: 42/628,675 13/486,168 *Filing Date: ~12/1/2009 6/1/2012

(*Data not known at execution may be added later for better identification.)

I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virtue of circumstances under which the above-identified invention was made, hereby:

- 1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title, and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.
- 2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent in which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.

necessary to the prosecution o and recording of title to patent			and settlement of interferences
Signature of Inventor:	Skru,	Middle Initial)	(Last Name)
Duty Address: Army Research	n Laboratory, Adelphi, cality)	Montgomery (County)	Maryland (State)
Date: 12/22/09.	Typed name of Inventor: Stefan P. Svensson		
	******(notariz	ing preferred)*******	
State of: Maryland County of: Montgomery) SS.	nowledgement is taken]	

3. Agree to provide any further information within my (our) knowledge and to execute any further documents

On the above date known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed. In witness whereof I hereunto set my hand and official seal.

(Signature of notary public)

My Commission expires on February 27, 2011

RL Form — Assignment Domestic Rights and Agreement to Assign Foreign Rights
Page 1 of 2

ARL 08-16Div

Signature of 2nd Inventor:

(First name)

(Middle Initial)

(Last Name)

Duty Address: Aberdeen Proving Ground, Aberdeen

(Locality)

Harford (County) Maryland (State)

Date: 12-22-2009

Typed name of Inventor: John D. Demaree

******(notarizing preferred)******

) [place where acknowledgement is taken]

On the above date known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed. In witness whereof I hereunto set my hand and official seal.

(Signature of notary public)

My Commission expires on July 18,201

COMPANY: ATTN: RDRL-LOC-L-GUY M. MILLER

3013943972

office of chief counsel

01/08/2010 700426616 01:14:48 p.m.

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Form PTO-1595 (Rev. 03-09) OMB No. 0851-0027 (exp. 03/31/2009)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the sitsched documents or the new address(es) below.				
A. Patent Application No.(8) 12/628,675 Additional numbers attached? Yes XNo 5. Name and address to whom correspondence 6. Total number of applications and patents				
concerning document should be mailed:	involved: 1			
Name: U.S. Army Research Laboratory	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00			
Internal Address: Attn: RDRL-LOC-l/Guy M, Miller Street Address: 2800 Powder Milli Road	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
City: Astelphi	8. Payment Information			
State: Maryland Zip: 20783				
Phone Number: 301-394-3791 Fax Number: 301-394-3972 Email Address: cuvumilierearlarmv.mii	Deposit Account Number 19-2201 Authorized User Name Guy M. Miller			
9. Signature: Am h hile	/-8-10			
Signature Guy M. Miller, Reg. No. 32,333 Name of Person Signing	Total number of pages including cover 3 sheet, attachments, and documents:			

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PATENT

REEL: 045731 FRAME: 0380

RECORDED: 05/07/2018