

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6850277

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHASHANK MISRA	07/16/2021
DANIEL ROBERT WARD	07/19/2021
DEANNA MARIE CAMPBELL	07/16/2021
TZU-MING LU	07/16/2021
SCOTT WILLIAM SCHMUCKER	07/16/2021
EVAN MICHAEL ANDERSON	07/19/2021
ANDREW JAY LEENHEER	08/03/2021
JEFFREY ANDREW IVIE	07/16/2021
RECEIVING PARTY DATA	
Name:	NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC
Street Address:	P.O. BOX 5800, MS-0161
City:	ALBUQUERQUE
State/Country:	NEW MEXICO
Postal Code:	87185
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17360284
CORRESPONDENCE DATA	
Fax Number:	(505)844-9955
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	505-844-7283
Email:	dcates@sandia.gov
Correspondent Name:	SANDIA NATIONAL LABORATORIES
Address Line 1:	P.O. BOX 5800, MS-0161
Address Line 4:	ALBUQUERQUE, NEW MEXICO 87185
ATTORNEY DOCKET NUMBER:	SD15214.1/S165195
NAME OF SUBMITTER:	DIANA SCHANNING
SIGNATURE:	/Diana Schanning/

DATE SIGNED:	08/05/2021
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Total Attachments: 16
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ASSIGNMENT

WHEREAS **Shashank Misra of Albuquerque, NM, Daniel Robert Ward of Calabasas, CA, DeAnna Marie Campbell of Albuquerque, NM, Tzu-Ming Lu of Albuquerque, NM, Scott William Schmucker of Albuquerque, NM, Evan Michael Anderson of Albuquerque, NM, Andrew Jay Leenheer of Albuquerque, NM, Jeffrey Andrew Ivie of Albuquerque, NM** (hereinafter “Inventor(s)”) has(have) made an invention relating to **METHOD OF CHEMICAL DOPING THAT USES CMOS-COMPATIBLE PROCESSES** in the course of the work authorized by Contract DE-NA0003525 between NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC (“NTESS”) and the UNITED STATES DEPARTMENT OF ENERGY/NATIONAL NUCLEAR SECURITY ADMINISTRATION (“DOE/NNSA”), said invention being disclosed and claimed in **Application Serial No.17/360,284 for United States patent, filed June 28, 2021** and identified as DOE/NNSA Docket No: **S-165195** duly executed by said inventor(s); and

WHEREAS Inventor(s), in consideration of employment by NTESS, has(have) assigned to NTESS, its successors and assigns, all of Inventor(s) rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by DOE/NNSA, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by DOE/NNSA has granted a waiver of Government rights in the above-identified invention to NTESS; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto NTESS their entire right, title, and interest in and to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, and in and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, utilities, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said invention in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent, to the extent that Inventor(s) right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to NTESS Corporation by Inventor(s) in consideration of Inventor(s) employment by NTESS. Inventor(s) hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to NTESS, for its interest as NTESS, its successors and assigns.

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Shashank Digitally signed by
Misra Shashank Misra
Date: 2021.07.16
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7/16/2021

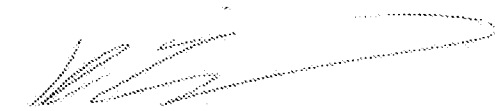
Shashank Misra

Date

Approved and consented by:

NATIONAL TECHNOLOGY &
ENGINEERING SOLUTIONS OF
SANDIA, LLC

Date: 7/16/2021



Kerry Kampschmidt
Managing IP/Patent Senior Counsel
Legal Technology Transfer Center

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Daniel R. Ward

Daniel Robert Ward


7/19/2021

Date

Approved and consented by:

NATIONAL TECHNOLOGY &
ENGINEERING SOLUTIONS OF
SANDIA, LLC

Date: 7/26/2021



Kerry Kampschmidt
Managing IP/Patent Senior Counsel
Legal Technology Transfer Center

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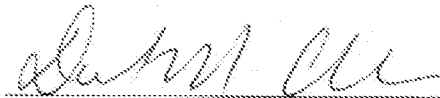
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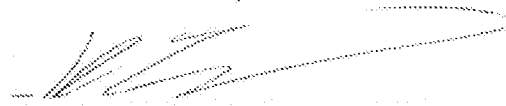

DeAnna Marie Campbell

7-16-2021
Date

Approved and consented by:

NATIONAL TECHNOLOGY &
ENGINEERING SOLUTIONS OF
SANDIA, LLC

7/16/2021
Date: _____


Kerry Kampschmidt
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Tzu-Ming Lu

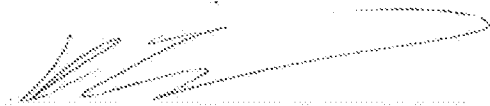
7/16/2021
Date

Approved and consented by:

7/16/2021

Date: _____

NATIONAL TECHNOLOGY &
ENGINEERING SOLUTIONS OF
SANDIA, LLC



Kerry Kampschmidt
Managing IP/Patent Senior Counsel
Legal Technology Transfer Center

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**SCOTT
SCHMUCKER
(Affiliate)**

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SCHMUCKER (Affiliate)
Date: 2021.07.16 12:25:40
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Scott William Schmucker

7/16/2021

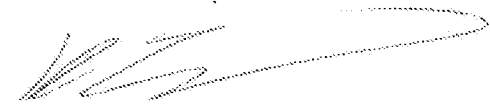
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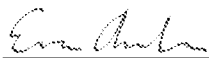
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Evan Michael Anderson

7/19/2021

Date

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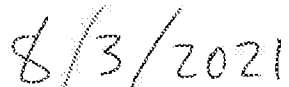
WHEREAS, the Government of the United States, as represented by DOE/NNSA has granted a waiver of Government rights in the above-identified invention to NTESS; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto NTESS their entire right, title, and interest in and to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, and in and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, utilities, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said invention in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent, to the extent that Inventor(s) right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to NTESS Corporation by Inventor(s) in consideration of Inventor(s) employment by NTESS. Inventor(s) hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to NTESS, for its interest as NTESS, its successors and assigns.

Inventor(s) covenants with NTESS that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. Inventor(s) agrees, at the request of NTESS, to make, execute, and deliver to NTESS, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all U.S. and foreign applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.



Andrew Jay Leenheer

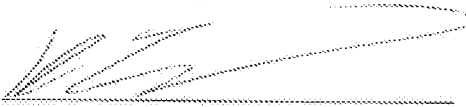


Date

Approved and consented by:

NATIONAL TECHNOLOGY &
ENGINEERING SOLUTIONS OF
SANDIA, LLC

8/5/2021
Date: _____



Kerry Kampschmidt
Managing IP/Patent Senior Counsel
Legal Technology Transfer Center

ASSIGNMENT

WHEREAS Shashank Misra of Albuquerque, NM, Daniel Robert Ward of Calabasas, CA, DeAnna Marie Campbell of Albuquerque, NM, Tzu-Ming Lu of Albuquerque, NM, Scott William Schmucker of Albuquerque, NM, Evan Michael Anderson of Albuquerque, NM, Andrew Jay Leenheer of Albuquerque, NM, Jeffrey Andrew Ivie of Albuquerque, NM (hereinafter "Inventor(s)") has(have) made an invention relating to **METHOD OF CHEMICAL DOPING THAT USES CMOS-COMPATIBLE PROCESSES** in the course of the work authorized by Contract DE-NA0003525 between NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC ("NTESS") and the UNITED STATES DEPARTMENT OF ENERGY/NATIONAL NUCLEAR SECURITY ADMINISTRATION ("DOE/NNSA"), said invention being disclosed and claimed in **Application Serial No.17/360,284** for United States patent, filed **June 28, 2021** and identified as DOE/NNSA Docket No: **S-165195** duly executed by said inventor(s); and

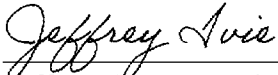
WHEREAS Inventor(s), in consideration of employment by NTESS, has(have) assigned to NTESS, its successors and assigns, all of Inventor(s) rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by DOE/NNSA, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by DOE/NNSA has granted a waiver of Government rights in the above-identified invention to NTESS; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto NTESS their entire right, title, and interest in and to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, and in and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, utilities, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said invention in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent, to the extent that Inventor(s) right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to NTESS Corporation by Inventor(s) in consideration of Inventor(s) employment by NTESS. Inventor(s) hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to NTESS, for its interest as NTESS, its successors and assigns.

Inventor(s) covenants with NTESS that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. Inventor(s) agrees, at the request of NTESS, to make, execute, and deliver to NTESS, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all U.S. and foreign applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.



Jeffrey Andrew Ivie

07/16/2021

Date

Approved and consented by:

7/16/2021
Date: _____

NATIONAL TECHNOLOGY &
ENGINEERING SOLUTIONS OF
SANDIA, LLC



Kerry Kampschmidt
Managing IP/Patent Senior Counsel
Legal Technology Transfer Center