11/13/2018 505187200

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5233969

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIMOTHY J. BOYLE	10/29/2018
KHALID MIKHIEL HATTAR	10/29/2018
FERNANDO HENRY GARZON	10/29/2018
STEPHEN J. BAUER	10/29/2018

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:	16107792

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ATTORNEY DOCKET NUMBER: SD14201.1/S147289		
NAME OF SUBMITTER:	DIANA SCHANNING	
SIGNATURE:	/Diana Schanning/	
DATE SIGNED:	11/13/2018	

Total Attachments: 3

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PATENT REEL: 047508 FRAME: 0457

<u>ASSIGNMENT</u>

WHEREAS Timothy J. Boyle, Khalid Mikhiel Hattar of Albuquerque, NM, Fernando Henry Garzon of Santa Fe, NM and Stephen J. Bauer, of Albuquerque, NM (hereinafter "Inventor(s)") has(have) made an invention relating to Tattletale Ion-Implanted Nanoparticles 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. 16/107,792 for United States patent, filed August 21, 2018 and identified as DOE/NNSA Docket No: S-147286 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/herinterest 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

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PATENT REEL: 047508 FRAME: 0458 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.

Signed at Albuquerque, New Mexico.

Timothy J. Boyle

Lala Haltar

Khalid Mikhiel Hattar

7 1 -

Fernando Henry Garzon

Stephen J. Bauer

10112018

Date

10/29/18

10/29/18

Date

1429/14

Date

STATE OF NEW MEXICO

) 683

COUNTY OF BERNALILLO)

On the above dates, personally appeared before me, Diana Schanning, Notary Public, Timothy J. Boyle, Khalid Mikhiel Hattar, Fernando Henry Garzon and Stephen J. Bauer, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

Notary Public



Approved and consented by:

NATIONAL ENGINEERING

TECHNOLOGY SOLUTIONS

& OF

SANDIA, LLC

Date:

Kerry Kampschmidt

Chief IP Counsel

Legal Technology Transfer Center

STATE OF NEW MEXICO)

) ss:

COUNTY OF BERNALILLO)

On the above date, personally appeared before me, Diana Schanning, Notary Public, **Kerry Kampschmidt**, to me known to be the individual described in and who executed the foregoing instrument, and who acknowledged to me that he executed the same.

Notary Public

OFFICIAL SEAL

Diana Schanning

NOTARY PUBLIC
STATE OF NEW MIXICO

My Commission Expires: