504800730 03/01/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID ROBINSON	11/30/2017
CHRISTOPHER G. JONES	01/04/2018

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:	15671345

CORRESPONDENCE DATA

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Phone: (925)294-3143 Email: ilnguye@sandia.gov

Correspondent Name: SANDIA NATIONAL LABORATORIES

Address Line 1:7011 EAST AVENUEAddress Line 2:PO BOX 969, MS 9031

Address Line 4: LIVERMORE, CALIFORNIA 94551-9031

ATTORNEY DOCKET NUMBER:	SD-13868/S144683	
NAME OF SUBMITTER:	MADELYNNE J. FARBER	
SIGNATURE:	/Madelynne J. Farber/	
DATE SIGNED:	03/01/2018	

Total Attachments: 4

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PATENT 504800730 REEL: 045082 FRAME: 0240

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PATENT REEL: 045082 FRAME: 0241

ASSIGNMENT

WHEREAS, David Robinson of Hayward, CA and Christopher G. Jones of San Jose, CA, has(have) made an invention relating to ELECTROLESS DEPOSITION OF METAL ON 3D-PRINTED POLYMERIC STRUCTURES, 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, said invention being disclosed and claimed in Application Serial No. 15/671,345 for United States patent, filed on August 8, 2017 and identified as DOE Docket No: S-144683 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 the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy 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 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. They agree, 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 applications on said invention or

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PATENT REEL: 045082 FRAME: 0242 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 Livermore, California.

David Robinson

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA

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COUNTY OF ALAMEDA

Subscribed and sworn to (or affirmed) before me on this 30th day of NWERWSER , 2017. by David Robinson, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

My commission expires: 7 17 2020

JASMIN NGUYEN Notary Public - California Alameda County Commission # 2160124

Approved and consented by:

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Date: 30 N/N 2017

Madelynne J. Farber

Senior Patent & Licensing Attorney

Legal Technology Transfer Center

ASSIGNMENT

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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 the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has gramed 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 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. They agree, 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 applications on said invention or

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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 Los Angeles , California.

City

Christopher G. Jones

1/4/2018

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA

COUNTY OF LOS Angeles) ""

Subscribed and swom to (or affirmed) before me on this 4 day of January 201 8 by Christopher G. Jones, proved to me on the basis of satisfactory evidence to be the person(8) who appeared before me.

Notary Tublic Agnature

My commission expires. <u>03 | 26 | 202 |</u>

YAJAIFA SERRANC COMM. #2188500 MOTOR PUBLIC CALIFORNIA LOS ANGELES COUNTY My Comments Explai (2018275)

Approved and consented by:

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Date: <u>[1 | No₂1/1 | 201</u>8

Madelynne J. Farby

Senior Patent & Licensing Attorney Legal Technology Transfer Center