

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5490606

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF BENJAMI BING-YEH YANG previously recorded on Reel 043282 Frame 0933. Assignor(s) hereby confirms the BENJAMIN BING-YEH YANG.
CONVEYING PARTY DATA	
Name	Execution Date
ERIC JOHN SCHINDELHOLZ	07/13/2017
KENNETH MIGUEL ARMIJO	06/21/2017
JAY JOHNSON	07/13/2017
RICHARD KARL HARRISON	07/10/2017
BENJAMIN BING-YEH YANG	07/31/2017
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:	15603782
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:	SD14017.1/S144922
NAME OF SUBMITTER:	DIANA SCHANNING
SIGNATURE:	/Diana Schanning/
DATE SIGNED:	04/24/2019

Total Attachments: 7

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4548523

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ERIC JOHN SCHINDELHOLZ	07/13/2017
KENNETH MIGUEL ARMUJO	06/21/2017
JAY JOHNSON	07/13/2017
RICHARD KARL HARRISON	07/10/2017
BENJAMI BING-YEH YANG	07/31/2017
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:	15603782
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:	SD14017.1/S144922
NAME OF SUBMITTER:	DIANA SCHANNING
SIGNATURE:	/Diana Schanning/
DATE SIGNED:	08/14/2017
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, Eric John Schindelholz, Kenneth Miguel Armijo, Jay Johnson, Richard Karl Harrison, of Albuquerque, NM and Benjamin Bing-Yeh Yang of Atlanta, GA (hereinafter "Inventor(s)") has(have) made an invention relating to **ARC PLASMA-GENERATING SYSTEMS AND METHODS THEREOF** 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, said invention being disclosed and claimed in **Application Serial No. 15/603,782 for United States patent, filed May 24, 2017** and identified as DOE Docket No: **S-144922** 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 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.

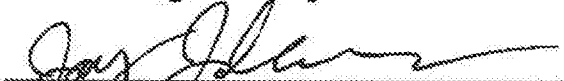
Signed at Albuquerque, New Mexico.


Eric John Schindelholz

7/13/17
Date


Kenneth Miguel Armijo

6/21/17
Date


Jay Johnson

7/13/17
Date


Richard Karl Harrison

7/10/17
Date

STATE OF NEW MEXICO)
) ss:
COUNTY OF BERNALILLO)

On the above dates, personally appeared before me, Diana Schanning, Notary Public, Eric John Schindelholz, Kenneth Miguel Armijo, Jay Johnson, Richard Karl Harrison, 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



ASSIGNMENT

WHEREAS, Eric John Schindelholz, Kenneth Miguel Armijo, Jay Johnson, Richard Karl Harrison, of Albuquerque, NM and Benjamin Bing-Yeh Yang of Atlanta, GA (hereinafter "Inventor(s)") has(have) made an invention relating to **ARC PLASMA-GENERATING SYSTEMS AND METHODS THEREOF** 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, said invention being disclosed and claimed in Application Serial No. 15/603,782 for United States patent, filed May 24, 2017 and identified as DOE Docket No: S-144922 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 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.

Signed at Atlanta, Georgia.
(city)

Benjamin Bing-Yeh Yang
Benjamin Bing-Yeh Yang

July 31, 2017
Date

STATE OF GEORGIA)
) ss:
COUNTY OF Gwinnett)

Signed and sworn to (or affirmed) before me on July 31, 2017 by Benjamin Bing-Yeh Yang, who proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

 Personally Known
or
✓ Produced Identification

Type of ID Employee Picture ID & GEORGIA DRIVERS LICENCE

Sharon K. Bishop
NOTARY PUBLIC
Gwinnett County, GEORGIA
My Commission Expires August 1, 2017

Sharon K. Bishop
Signature of Notary Public

Long

Approved and consented by:

NATIONAL TECHNOLOGY &
ENGINEERING 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

