## 503664873 01/26/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
MICHAEL T. BARAKO	01/25/2016	
KENNETH E. GOODSON	01/25/2016	

## **RECEIVING PARTY DATA**

Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Street Address:	BUILDING 170, 3RD FLOOR, MAIN QUAD, P.O. BOX 20386
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City:	STANFORD
State/Country:	CALIFORNIA
Postal Code:	94305-2038

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	15006658	

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: NGC-428-2/008154-0030	
NAME OF SUBMITTER:	CARMEN B PATTI
SIGNATURE:	/Carmen B. Patti/
DATE SIGNED:	01/26/2016

#### **Total Attachments: 3**

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PATENT 503664873 REEL: 037586 FRAME: 0575

#### ASSIGNMENT

WHEREAS,	I, Michael T. Barako	,	hereinafter referred to as Assignor
together with	Kerineth E. Goodson		
have jointly invente	d certain new and useful improvements in	HIGH-CONDUCTIVITY BON	DING OF METAL NANOWIRE ARRAY:

described in an application for United States Letters Patent, executed by me on the date as stated below;

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a University, having its principal place of business at

Office of the General Counsel Building 170, 3rd Floor, Main Quad P. O. Box 20386 Stanford, CA 94305-2038 United States of America

hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in, to and under said improvements and said application:

NOW, THEREFORE, in consideration of Assignor's obligations to The Board of Trustees of the Leland Stanford Junior University, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters patent that may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent that may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent that may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignce, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

Assignor hereby acknowledges that at the time of making the improvements herein identified, Assignor was under an obligation to assign to Assignee, Assignor's entire right, title and interest in, to and under said improvements;

Assignor hereby covenants that Assignor has full right to convey the interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith and that Assignee, The Board of Trustees of the Leland Stanford Junior University, its successors, assigns and other legal representatives shall have the right to hold and enjoy for its and their own use and benefit, to the end of the term or terms for which such Letters Patent shall or may be granted, reissued or extended as fully and completely as the same right could have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any and all facts known to Assignor respecting said improvements; to promptly provide Assignee with all documents relating to said improvements, said invention, and said Letters Patent as may be known or accessible to Assignor; to testify as to the same in any interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuations, continuations-in-part, divisional and reissue applications; and to make all rightful oaths or declarations and generally do everything possible to aid Assignee, its successors, legal representatives and assigns in obtaining and enforcing all the rights herein conveyed for said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives and assigns.

PATENT REEL: 037586 FRAME: 0576

IN WITNE 2018 6 MT8	SS WHEREOF, the undersigned has executed and delivered this instrument this \(\frac{75}{\text{day}}\) day of \(\frac{3018}{\text{and has executed the referenced patent application on the \(\frac{15}{\text{day}}\) day of \(\frac{324}{\text{day}}\) are \(\frac{35}{\text{day}}\).
	Michael T. Barako
A notary public or of which this certificate	her officer completing this certificate verifies only the identity of the individual who signed the document to s attached, and not the truthfulness, accuracy, or validity of that document.
STATE OF CALIFO	) \$8
On this 25 day of in Michael T. Bai whose nar@(s) Pares authorized capacity (se the persotts) acted, ex	Tanuary 20) before meTTances(a yasari Timur). Public Noting personally appeared proved to me on the basis of satisfactory evidence to be the person(s) subscribed to this instrument and acknowledged to me that he she they executed the same in his her/their signar (De(s) on the instrument to be the person(s), or the entity upon behalf of which ecuted the instrument.
I certify under PENAL	TY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand at Witness of Signature	

IN WITNESS WHEREX <u>Sec 456 (2018)</u> , 2018, 2018 2018 <b>(6</b>	DF, the undersigned has executed has executed the referenced pate has executed the referenced pate.	and delivered this instr of application on the so	nment this 25 m	_day of
A notary public or other officer of which this certificate is attached.	ompleting this certificate verifies	only the identity of the	individual who sinns	ed the document in
which this certificate is attached, a	nd not the truthfulness, accuracy	or validity of that docu	iment.	a no doddness to
STATE OF CALIFORNIA	ý			
COUNTY OF SANTA CLARA	) ss }			
On this 25th day of James Kenneth E. Goodson whose names (s) 60 for subscribed to authorized capacify (ies), and that be the pers O(s) acted, executed the in	proved to this instrument and acknowledge y his/her/their signature/s) on the	me on the basis of sati	isfactory evidence to be executed the same in rs()(s), or the entity of	be the persides)
I certify under PENALTY OF PER	IURY under the laws of the State	of California that the fo	oregoing paragraph is	true and correct.
WITNESS my hand and official sea				
Normany's Signature	Jany	(Seal)	FRANCESCA VASARI M COMM # 20693 SANIA CLARA COI HOTARY PUBLIC CALL MY COMMISSION E JUNE 18, 88	
			RANCESCA VASARI JIME COMM # 2069368 SANIA CLARA COUNTY OTARY PUBLIC-CALIFORE MY COMMISSION EXPIRE JUNE 18, 2018	

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