503818231 05/09/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHIGANG ZAK FANG	05/04/2016
YING ZHANG	05/04/2016
YANG XIA	05/04/2016
PEI SUN	05/04/2016

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14935245	

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ATTORNEY DOCKET NUMBER:	00846-U5356.PCT.CIP	
NAME OF SUBMITTER:	ERIK S. ERICKSEN	
SIGNATURE:	/ErikSEricksen/	
DATE SIGNED:	05/09/2016	

Total Attachments: 4

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PATENT 503818231 REEL: 038521 FRAME: 0784

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Docket No. 00846-U5356,PCT.CIP

WHEN RECORDED RETURN TO:
Erik S. Ericksen, M.S.
Thorpe North & Western, LLP
P.O. Box 1219
Sandy, UT 84091-1219

ASSIGNMENT

WHEREAS, we, Zhigang Zak Fang (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108), Ying Zhang (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108), Yang Xia (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108), Pei Sun (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108), (hereinafter "Assignors") have invented a certain new and useful improvement in a METHODS OF PRODUCING A TITANIUM PRODUCT for which an application for United States Letters Patent is being filed concurrently herewith OR which was filed on November 6, 2015 as THORPE NORTH & WESTERN, LLP Docket No. 00846-U5356.PCT.CIP, and given U.S. Patent Application Serial No. 14/935,245; and:

WHEREAS, University of Utah, an Institute of Higher Education, organized and existing under the laws of the State of Utah, having a business address of 201 S. Presidents Circle, Salt Lake City, Utah 84112, (hereinafter "Assignee"), is desirous of acquiring Assignor's entire right, title, and interest in the same:

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, we the said Assignors, hereby grant and assign unto the said Assignee, our entire right, title and interest in said invention and in all patent applications based thereon, including but not limited to the above identified United States Patent Application and in all provisionals, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in

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countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, and to do so in its own name wherever such right may be legally exercised, and including the right to claim the priority and benefits of the International Convention for such applications; and the right to bring actions for infringement of any right in said invention in its own name, including past infringement, in any jurisdiction.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all Letters Patent on said invention to the said Assignee as the owner of our entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications on said invention, and all lawful documents as requested by the Assignee to further the prosecution of any of such patent applications; and cooperation to the best of our ability including, but not limited to, the execution of all lawful documents, the production of evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissue, extension, and infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Assignment of US Patent Application Atty Docket No: 00846-U5356.PCT.CIP Page 3 of 4	
Executed thisday of	May , 20 Noat Salt Labes City
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Before me personally appeared Zhig	ang Zak Fang and acknowledged the foregoing
instrument to be his free act and deed this A	day of 100 2 2015.
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	Ying Zhang
	Ying Zhang
County of Sall lake (1) ss	
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to be his free act and deed thisday of	Moust, 2015. Sabnach K. Andle Motary Public

Assignment of US Patent Application Atty Docket No: 00846-U5356.PCT.CIP Page 4 of 4			
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	Yang Xia		
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County of Salf Lake.			Committee Execution by Committee Execution April 22, 2019 States of Utah
Before me personally appeared Ya	ng Xia and ac	knowledged the	of foregoing instrument to
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