503816296 05/06/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF UTAH	03/14/2016

RECEIVING PARTY DATA

Name:	UNIVERSITY OF UTAH RESEARCH FOUNDATION	
Street Address:	615 ARAPEEN DRIVE, SUITE 310	
City:	SALT LAKE CITY	
State/Country:	UTAH	
Postal Code:	84108	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14912846

CORRESPONDENCE DATA

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Email: rich@tnw.com, causse@tnw.com

Correspondent Name: THORPE NORTH & WESTERN, LLP.

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ATTORNEY DOCKET NUMBER:	00846-U5356.PCT.US
NAME OF SUBMITTER:	ERIK S. ERICKSEN
SIGNATURE:	/ErikSEricksen/
DATE SIGNED:	05/06/2016

Total Attachments: 3

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PATENT 503816296 REEL: 038490 FRAME: 0660

WHEN RECORDED RETURN TO:

Erik S. Ericksen, M.S. THORPE NORTH & WESTERN, LLP P.O. BOX 1219 SANDY, UTAH 84091-1219

ASSIGNMENT

WHEREAS, the University of Utah (an institution of higher education and a nonprofit

organization, organized and existing under the laws of the State of Utah, located at Salt Lake City,

Utah) (hereinafter "Assignor") is the owner of an PRODUCING A TITANIUM PRODUCT for

which a United States Patent Application was filed on February 18, 2016 as THORPE NORTH &

WESTERN, LLP Docket No. 00846-U5356.PCT.US, and given U.S. Patent Application Serial No.

<u>14/912.846</u>; and

WHEREAS, the University of Utah Research Foundation, a Non-Profit Corporation

organized and existing under the laws of the State of Utah, located at 615 Arapeen Dr., Suite 310,

Salt Lake City, UT 84108 (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 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 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

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US Patent Application No.

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invention 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; 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,

reissuing, extension, and infringement proceedings involving said invention.

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

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Signed at Salt Sale Country (If Mot USA), this 14 day of March, 20/6 went year

UNIVERSITY OF UTAH

⊃y <u></u> Eric Paulsen

Director for Legal and Strategy

STATE OF UTAH) : ss County of Salt Lake)

Before me personally appeared Eric Paulsen who is the Director for Legal and Strategy of the Technology and Venture Commercialization Office at the University of Utah and duly acknowledged to me that he signed this instrument on behalf of the University of Utah this Manager day of Manager 2016.

Notary Public

Notary Public

CARLA G. New OVEEN

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January 28, 2017

State of Utah

PATENT REEL: 038490 FRAME: 0663

RECORDED: 05/06/2016