# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
LING ZANG	06/11/2018
DANIEL JACOBS	08/03/2018

## **RECEIVING PARTY DATA**

Name:	UNIVERSITY OF UTAH	
Street Address:	201 S. PRESIDENTS CIRCLE	
City:	SALT LAKE CITY	
State/Country:	UTAH	
Postal Code:	84112	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15668688

### **CORRESPONDENCE DATA**

**Fax Number:** (801)566-0750

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.

**Phone:** 801-566-6633

Email: andrea.phillips@tnw.com
Correspondent Name: ERIK S. ERICKSEN

 Address Line 1:
 8180 S. 700 E., SUITE 350

 Address Line 4:
 SANDY, UTAH 84070

ATTORNEY DOCKET NUMBER:	00846-U6294	
NAME OF SUBMITTER:	ERIK S. ERICKSEN	
SIGNATURE:	/ErikSEricksen/	
DATE SIGNED:	09/14/2018	

## **Total Attachments: 4**

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PATENT 505094782 REEL: 047525 FRAME: 0364

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

#### ASSIGNMENT

WHEREAS, we, Ling Zang (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 350, Salt Lake City, UT 84108), Daniel Jacobs (resident of the State of <u>Utah</u>, whose postal mailing address is 615 Arapeen Drive, Suite 350, Salt Lake City, Utah 84108), (hereinafter "Assignors") have invented a certain new and useful improvement in a **METHODS OF THERMALLY INDUCED RECRYSTALLIZATION** for which an application for United States Letters Patent is being filed concurrently herewith OR which was filed on August 3, 2017 as THORPE NORTH & WESTERN, LLP Docket No. 00846-U6294, and given U.S. Patent Application Serial No. 15/668,688; 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 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

PATENT REEL: 047525 FRAME: 0365 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.

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Assignment of US Patent Application Docket No: 00846-U6294 Page 3 of 3	
Executed this day of	June 2018 at 615 Avapeen
SAIF LAKE CITY, WIT (City	
	Ling Zang
STATE OF (AT)	
County of <u>Salf-Lake</u> ) ss	
Before me personally appeared Ling	g Zang and acknowledged the foregoing instrument to
be his free act and deed this day o	f June , 2018
ABIGAIL MUSE NOTARY PUBLIC -STATE OF UTAH My Comm. Exp 03/16/2022 Commission # 699524	Notary Public Tuble
Executed this day of	, 20 at
(City	, State).
	Daniel Jacobs
STATE OF) ss	
County of)	
Before me personally appeared Dan	iel Jacobs and acknowledged the foregoing
instrument to be his free act and deed this _	day of, 20,
	Notary Public

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Docket No: 00846-U6294 Page 3 of 3 Executed this \_\_\_\_\_ day of \_\_\_\_\_\_\_, 20\_\_\_ at \_\_\_\_\_ \_\_\_\_\_(City, State). Ling Zang STATE OF \_\_\_\_\_\_) County of \_\_\_\_\_ Before me personally appeared Ling Zang and acknowledged the foregoing instrument to be his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_\_, 20\_\_\_. Notary Public Darriel Jacobs STATE OF Oregon County of Washington Before me personally appeared Daniel Jacobs and acknowledged the foregoing instrument to be his free act and deed this 3rd day of August, 2018. Notary Public Alexander OFFICIAL STAMP CHAUNCIE L AKITA

> PATENT REEL: 047525 FRAME: 0368

RECORDED: 09/14/2018

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Assignment of US Patent Application