

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AGNES AGNES OSTAFIN	03/06/2009
HIROSHI MIZUKAMI	03/05/2009
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	SALT LAKE CITY
<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84108
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14877520
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)566-0750
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<b>ATTORNEY DOCKET NUMBER:</b>	00846-U4365.NP.DIV
<b>NAME OF SUBMITTER:</b>	ERIK S. ERICKSEN
<b>SIGNATURE:</b>	/ErikSEricksen/
<b>DATE SIGNED:</b>	04/08/2016
<b>Total Attachments: 4</b>	
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WHEN RECORDED RETURN TO:

US PATENT APPLICATION No. 12/347,870  
ATTORNEY DOCKET NO. 00846-U4365.NP

M. Wayne Western  
THORPE NORTH & WESTERN, LLP  
P.O. BOX 1219  
SANDY, UTAH 84091-1219

## ASSIGNMENT

WHEREAS, We,

Residence: Agnes Ostafin  
Layton, Utah  
Post Office Address: 1747 E. Beechwood Drive  
Layton, Utah 84040

Residence: Hiroshi Mizukami  
Pasadena, CA  
Post Office Address: 1502 N. Oxford Ave  
Pasadena, CA 91104

(hereinafter "Assignors") have invented a certain new and useful improvement in a NANOCOMPOSITE MATERIALS WITH DYNAMICALLY ADJUSTING REFRACTIVE INDEX AND METHODS OF MAKING THE SAME for which a non-provisional application for United States Letters Patent was filed on December 31, 2008 as THORPE NORTH & WESTERN, LLP Docket No. 00846-U4365.NP, and given U.S. Patent Application Serial No. 12/347,870; and

WHEREAS, 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 615 Arapeen Dr., Suite 310, Salt Lake City, UT 84108 (hereinafter "Assignee"), is desirous of acquiring the 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 nonprovisionals, 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 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, nonprovisional, 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.

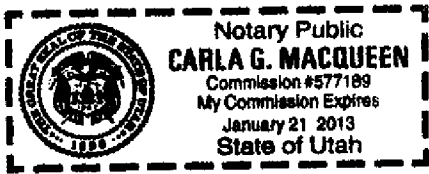
This assignment and agreement shall be binding upon our heirs and legal representatives.

Signed at Salt Lake City UT, this 6 day of Mar, 2009.  
city, state, country (if not USA) day month year

Signed: [Signature]  
Agnes Ostafin

STATE OF Utah )  
County of Salt Lake ) :SS

Before me personally appeared Agnes Ostafin and acknowledged the foregoing instrument to be his/her free act and deed this 6<sup>leg</sup> day of March, 2009.



[Signature]  
Notary Public

\*\*\*\*\*

Signed at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2009.  
city, state, country (if not USA) day month year

Signed: \_\_\_\_\_  
Hiroshi Mizukami

STATE OF \_\_\_\_\_ )  
County of \_\_\_\_\_ ) :SS

Before me personally appeared Hiroshi Mizukami and acknowledged the foregoing instrument to be his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Notary Public

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

Signed \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2009.  
at \_\_\_\_\_ city, state, country (if not USA) \_\_\_\_\_ day \_\_\_\_\_ month \_\_\_\_\_ year

Signed: \_\_\_\_\_  
Agnes Ostafin

STATE OF \_\_\_\_\_ )  
:SS  
County of \_\_\_\_\_ )

Before me personally appeared Agnes Ostafin and acknowledged the foregoing instrument to be his/her free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Notary Public

\*\*\*\*\*

Signed Hiroshi Mizukami this 5<sup>th</sup> day of March 2009.  
at Dosonoma, CA. \_\_\_\_\_ day \_\_\_\_\_ month \_\_\_\_\_ year  
city, state, country (if not USA)

Signed: Hiroshi Mizukami  
Hiroshi Mizukami

STATE OF CALIFORNIA )  
County of Los Angeles ) :SS

Before me personally appeared Hiroshi Mizukami and acknowledged the foregoing instrument to be his/her free act and deed this 5<sup>th</sup> day of MARCH, 2009.

\_\_\_\_\_  
Notary Public

