501889109 04/16/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| University of Utah | 03/30/2012 |

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: | 13363030 |

CORRESPONDENCE DATA

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via US Mail.

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| ATTORNEY DOCKET NUMBER: | 00846-U4708.OCR5265.CIP |
|-------------------------|-------------------------|
| NAME OF SUBMITTER: | Erik S. Ericksen |

Total Attachments: 3

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> PATENT REEL: 028050 FRAME: 0608

OP \$40.00 13363030

US PATENT APPLICATION 13/363,030 ATTORNEY DOCKET NO. 00846-U4708.OCR5265.CIP

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 BEAM SPLITTER MODULE for which a United

States Patent Application was filed on January 31, 2012, as THORPE NORTH & WESTERN, LLP

Docket No. 00846-U4708.OCR5265.CIP, and given U.S. Patent Application Serial No. 13/363,030;

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 invention

PATENT REEL: 028050 FRAME: 0609 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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PATENT

REEL: 028050 FRAME: 0610

Assignment
US Patent Application No.
Attorney Docket No. 00846-U4708.OCR5265.CIP

Executed this 30 day of March, 2012, at Salt Jake City, UT

UNIVERSITY OF UTAH

Name: Zachary R. Miles
Title: Executive Deputy Director

STATE OF UTAH) : ss County of Salt Lake)

Before me personally appeared Zocho Mes who is the Dock Erecutar of the Technology 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 30 day of Morch 2.

Notary Public

Notary Public CARLA S. MACRUSEN Commission Expires My Commission Expires January 21 2018 State of Utah