502659882 01/30/2014

PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| KATHRYN M. KELCHNER | 01/13/2014 |
| JAMES S. SPECK | 01/18/2014 |
| NATHAN A. PFAFF | 01/10/2014 |
| STEVEN P. DENBAARS | 01/22/2014 |

RECEIVING PARTY DATA

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| City: | OAKLAND | |
| State/Country: | CALIFORNIA | |
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PROPERTY NUMBERS Total: 2

| Property Type | Number | |
|---------------------|--------------|--|
| Application Number: | 14066012 | |
| PCT Number: | US2013067240 | |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 30794.471-WO/US-U1

REEL: 032097 FRAME: 0208

PATENT

502659882

| NAME OF SUBMITTER: | GEORGE H. GATES |
|---|-------------------|
| Signature: | /George H. Gates/ |
| Date: | 01/30/2014 |
| Total Attachments: 3 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif | |

PATENT REEL: 032097 FRAME: 0209

ASSIGNMENT

U.C. Case No. 2013-319-2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Kathryn M. Kelchner 2. James S. Speck 3. Nathan A. Pfaff 4. Steven P. DenBaars

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

WHITE LIGHT SOURCE EMPLOYING A III-NITRIDE BASED LASER DIODE PUMPING A PHOSPHOR

and which is found in::

- (a) X U.S. provisional application serial no. 61/723,681 filed November 7, 2012, and listing the above-named persons as inventors,
- (b) X PCT International application serial no. PCT/US2013/067240 filed October 29, 2013, and listing the above-named persons as inventors, and
- (d) X U.S. application serial no. 14/066,012, filed on October 29, 2013, and listing the above-named persons as inventors.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof;

<u>ASSIGNOR(S)</u> also authorizes and requests, by the execution of this assignment, that an attorney of record insert into this assignment the filing date and serial number of said application when officially known;

AND <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

UC 2013-319-2 G&C 30794.471-US-U1 /WO-U1

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executed this

13 day of January, 2014

_____ day of _______, 2014

10 day of JANUARY , 2014

____ day of _____, 2014

Signature of ASSIGNOR(S)

Kathryn M. Kelchner

James S. Speck

Nathan A. Pfaff

Steven P. DenBaars

| executed this | | Signature of ASSIGNOR(S) |
|---------------|--------|--------------------------|
| day of | , 2014 | Kathryn M. Kelchner |
| 18 day of | , 2014 | James S. Speck |
| day of | , 2014 | Nathan A. Pfaff |
| Way of Jan | , 2014 | du |

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