

30794.116-US-U1 FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

Docket-30794.116-US-U1

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Akihiko Murai
- (2) Lee McCarthy
- (3) Umesh K. Mishra
- (4) Steven P. DenBaars
- (5) Carsten Kruse
- (6) Stephan Figge
- (7) Detlef Hommel

2. Name and address of receiving party(ies):

The Regents of the University of California
1111 Franklin Street, 12th Floor
Oakland, California 94607

Additional name(s) of conveying party(ies) attached? ☒ NoAdditional name(s) & address(es) attached? ☒ No

3. Nature of conveyance:

☒ Assignment

Execution Dates: (1) July 3, 2005, (2) August 23, 2005, (3) August 23, 2005, (4) August 29, 2005, (5) August 12, 2005, (6) August 12, 2005, and (7) August 12, 2005

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

U.S. application serial no.: 11/175,761

PCT application serial no.: PCT/US05/23802

Additional numbers attached? ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: George H. Gates
 Address: GATES & COOPER LLP
 6701 Center Drive West, Suite 1050
 Los Angeles, CA 90045

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41): \$80

☒ Authorized to be charged to Deposit Account No. 50-0494 of Gates and Cooper LLP.

8. Please charge any additional fees or credit any overpayments to Deposit Account No. 50-0494.

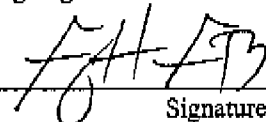
DO NOT USE THIS SPACE

9. Statement and signature:

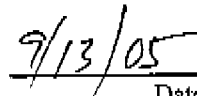
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

George H. Gates

Name of Person Signing



Signature



Date

Total number of pages including cover sheet, attachments, and document: 5

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
 Director - U.S. Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

ASSIGNMENTU.C. Case No. 2004-455-2G & C Case No. G&C 30794.116-US-U1

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

1. Akihiko Murai
3. Umesh K. Mishra

2. Lee McCarthy
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, 12th Floor, Oakland, California 94607, 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:

METHOD FOR WAFER BONDING (Al, In, Ga)N AND Zn(S, Se)
FOR OPTOELECTRONIC APPLICATIONS

☒ U.S. application serial no. 11/175,761, filed on July 6, 2005, and

☒ PCT application serial no. PCT/US05/23802, filed on July 6, 2005,

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 covenants 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 covenants 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, 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. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner for Patents 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.

executed this

3 day of July, 2005

____ day of _____,

____ day of _____,

____ day of _____,

Signature of Inventor(s)

Akihiko Murai
Akihiko Murai

Lee McCarthy

Umesh K. Mishra

Steven P. DenBaars

ASSIGNMENTU.C. Case No. 2004-455-2G & C Case No. G&C 30794.116-US-U1

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

1. Akihiko Murai
3. Umesh K. Mishra

2. Lee McCarthy
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, 12th Floor, Oakland, California 94607, 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:

METHOD FOR WAFER BONDING (Al, In, Ga)N AND Zn(S, Se)
FOR OPTOELECTRONIC APPLICATIONS

X U.S. application serial no. 11/175,761, filed on July 6, 2005, and

X PCT application serial no. PCT/US05/23802, filed on July 6, 2005,

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 covenants 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 covenants 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, 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. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner for Patents 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.

executed this

____ day of _____,

23 day of August, 200523 day of August, 2005

____ day of _____,

Signature of Inventor(s)

Akihiko MuraiLee McCarthyUmesh K. MishraSteven P. DenBaars

ASSIGNMENTU.C. Case No. 2004-455-2G & C Case No. G&C 30794.116-US-U1

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

1. Akihiko Murai
3. Umesh K. Mishra

2. Lee McCarthy
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, 12th Floor, Oakland, California 94607, 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:

METHOD FOR WAFER BONDING (Al, In, Ga)N AND Zn(S, Se)
FOR OPTOELECTRONIC APPLICATIONS

X U.S. application serial no. 11/175,761, filed on July 6, 2005, and

X PCT application serial no. PCT/US05/23802, filed on July 6, 2005,

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 covenants 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 covenants 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, 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. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner for Patents 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.

executed this

Signature of Inventor(s)

____ day of _____,

Akihiko Murai

____ day of _____,

Lee McCarthy

____ day of _____,

Umesh K. Mishra29 day of August, 2005_____
Steven P. DenBaars

ASSIGNMENTU.C. Case No. 2004-455-2G & C Case No. G&C 30794.116-US-U1

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

1. Carsten Kruse2. Stephan Figge3. Detlef Hommel

hereby sells, assigns and transfers to ASSIGNEE, Universitaet Bremen, having its offices located at Bibliothekstrasse 1, D-28359 Bremen, Germany, 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:

METHOD FOR WAFER BONDING (Al, In, Ga)N AND Zn(S, Se)
FOR OPTOELECTRONIC APPLICATIONS

and which is found in:

X U.S. application serial no. 11/175,761 filed on July 6, 2005, andX PCT application serial no. PCT/US05/23802 filed on July 6, 2005,

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 covenants 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 covenants 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, 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. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner for Patents 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.

executed this

12 day of August, 200512 day of August, 200512 day of August, 2005

Signature of Inventor(s)

Carsten Kruse

Carsten Kruse

Stephan Figge

Stephan Figge

Detlef Hommel

Detlef Hommel