

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 1376.811US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

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

1. Name of conveying party(ies):

Name: The Board of Trustees of the Leland Stanford Junior University

John Kim and William J. Dally

Street Address: 1705 El Camino Real

Additional name(s) of conveying party(ies) attached?

City: Palo Alto State: CA Zip: 94306

☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: December 4, 2008, December 9, 2008

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:
December 4, 2008, December 12, 2008

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 12/195,190, filed August 20, 2008

Additional numbers attached? ☐ Yes ☒ No

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

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00Name: John M. Dahl☐ Enclosed

Address:

☒ Authorized to be charged to deposit account
19-0743

Schwegman, Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402-0938

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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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.

John M. Dahl/Reg. No. 44,639

Name of Person Signing


SignatureJan. 29 09
DateTotal number of pages including cover sheet: 5

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

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

700397790

PATENT
REEL: 022190 FRAME: 0040

CH \$40.00 190743 12195190

USPTO

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TO: JOHN M. DAHL COMPANY: SCHWEGMAN, LUNDBERG & WOESSNER, P.A.

01/05/09 09:34 FAX 6123393061

SCHWEGMAN, LUNDBERG, WOESS

003

ASSIGNMENT

WHEREAS, We, John Kim, residing at 1790 Aberdeen Drive, Glenview, IL 60025, and William J. Dally, residing at 1068 Vernier Place, Stanford, CA 94305, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on August 20, 2008, which application was assigned U.S. patent application serial number 12/195,190, and is entitled FLATTENED BUTTERFLY PROCESSOR INTERCONNECT NETWORK;

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, CA 94306 USA (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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TO: JOHN M. DAHL COMPANY: SCHWEGMAN, LUNDBERG & WOESSNER, P.A.

01/03/09 09:34 FAX 6123383061

SCHWEGMAN, LUNDBERG, WOESS

004

Docket No: 1376.811US1
Client Ref No: Butterfly
Serial Number: 12/195,190
Filing Date: August 20, 2008
Title: FLATTENED BUTTERFLY PROCESSOR INTERCONNECT NETWORK
Page 2 of 4

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

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TO: JOHN M. DAHL COMPANY: SCHWEGMAN, LUNDBERG & WOESSNER, P.A.

01/05/09 09:34 FAX 6123393061

SCHWEGMAN, LUNDBERG, WOESS

005

Docket No: 1376.511US1
Client Ref. No. Butterfly
Serial Number: 12/195,190
Filing Date: August 20, 2008
Title: FLATTENED BUTTERFLY PROCESSOR INTERCONNECT NETWORK
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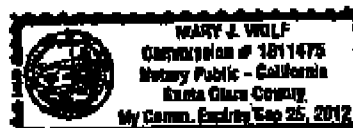
IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of
December, 2008.


William J. Dally

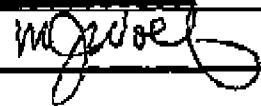
STATE OF CaliforniaCOUNTY OF Santa Clara

On this 9th day of December, 2008 before me personally appeared William J. Dally, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public



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1/6/2009 11:36:10 AM

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TO: JOHN M. DAHL COMPANY: SCHWEGMAN, LUNDBERG & WOESSNER, P.A.

01/05/09 09:34 FAX 6123393061

SCHWEGMAN, LUNDBERG, WOESS

006

Docket No: 1378811US1
Client Ref No. Butterfly
Serial Number: 12/193,190
Filing Date: August 20, 2008
Title: FLATTENED BUTTERFLY PROCESSOR INTERCONNECT NETWORK
Page 4 of 4

IN TESTIMONY WHEREOF, I have heretofore set my hand this 4 day ofDecember, 2008.



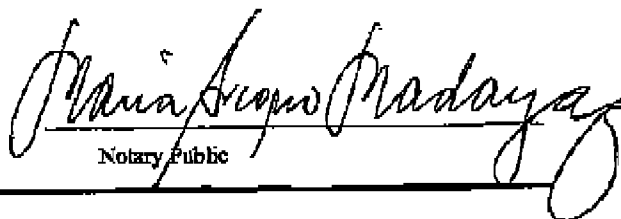
John Kim

STATE OF Illinois
COUNTY OF Cook

On this 4th day of December, 2008 before me personally appeared John Kim, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]





Notary Public