

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ralph G. NUZZO	07/06/2006
John A. ROGERS	06/23/2006
Etienne MENARD	06/26/2006
Keon Jae LEE	06/25/2006
Dahl-Young KHANG	06/21/2006
Yugang SUN	06/21/2006
Matthew MEITL	06/30/2006
Zhengtao ZHU	06/29/2006
Heung Cho KO	06/30/2006
Shawn MACK	03/20/2007

RECEIVING PARTY DATA

Name:	The Board of Trustees of the University of Illinois
Street Address:	352 Henry Administration Building
Internal Address:	506 South Wright Street
City:	Urbana
State/Country:	ILLINOIS
Postal Code:	61801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12844492

CORRESPONDENCE DATA

Fax Number: (303)499-8089

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 3034998080

Email: rfriedland@greenwin.com

Correspondent Name: Ronald Friedland

CH \$40.00 12844492

501247025

PATENT
REEL: 024759 FRAME: 0151

Address Line 1: 4875 Pearl East Circle, Suite 200
Address Line 4: Boulder, COLORADO 80301

ATTORNEY DOCKET NUMBER:

43-06A

NAME OF SUBMITTER:

STEPHEN B. BARONE

Total Attachments: 10

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ASSIGNMENT

WHEREAS, I, Ralph G. Nuzzo, residing at 2413 Nottingham Court North, Champaign, IL 61821; I, John A. Rogers, residing at 4305 Brittany Trail Drive, Champaign, IL 61822; I, Etienne Menard, residing at 705 W. Oregon, Urbana, IL 61801; I, Keon Jae Lee, residing at ~~108-B Burwash, Savoy, IL 61874~~^{LKJ}; I, Dahl-Young Khang, residing at 2068 Hazelwood Court, Apt. D, Urbana, IL 61801; I, Yugang Sun, residing at 509 E. White Street, Apt. 22, Champaign, IL 61820; I, Matthew Meitl, residing at 311 S. Randolph Street, Champaign, IL 61820; I, Zhengtao Zhu, residing at 1956 Orchard Street, Apt. A, Urbana, IL 61801; I, Heung Cho Ko, residing at 300 S. Goodwin Ave., #515, Urbana, IL 61801; (each herein called "ASSIGNOR"), am an inventor of the invention entitled "Printable Semiconductor Structures and Related Methods of Making and Assembling", for which I have executed the following Patent Applications:

Item No.	Country	App. Serial No.	Filing Date	GWS Ref. No.
1	US	11/421,654	June 1, 2006	43-06
2	PCT International	PCT/US06/21161	June 1, 2006	43-06WO

AND WHEREAS, The Board of Trustees of the University of Illinois (herein called "ASSIGNEE"), an entity organized and existing under the laws of the State of Illinois, having a principal place of business at 352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801; is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States Application and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates

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Assignment

and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

GWS Ref. 43-06 and 43-06WO
Assignment

July 6, 2006
Date

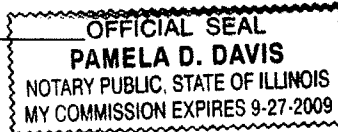
Ralph G. Nuzzo
RALPH G. NUZZO

STATE OF Illinois)
COUNTY OF Champaign) ss.

BEFORE ME, the undersigned authority, on this 6th day of July (month), 2006 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: July 6, 2006 Pamela D. Davis
Notary Public

My Commission expires: _____



June 23, 2006
Date

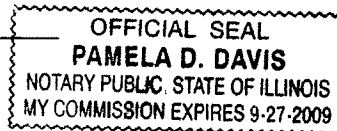
John A. Rogers
JOHN A. ROGERS

STATE OF Illinois)
COUNTY OF Champaign) ss.

BEFORE ME, the undersigned authority, on this 23 day of June (month), 2006 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: June 23, 2006 Pamela D. Davis
Notary Public

My Commission expires: _____



Additional Assignors on additional sheets: Yes

GWS Ref. 43-06 and 43-06WO
Assignment

06/26/06
Date

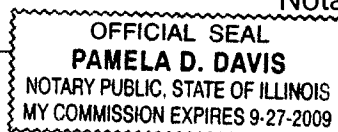
[Signature]
ETIENNE MENARD

STATE OF Illinois)
) ss.
COUNTY OF Champaign)

BEFORE ME, the undersigned authority, on this 26 day of June
(month), 2006 (year), personally appeared the above person, known to me
to be the person whose name is subscribed to this instrument and who
acknowledged to me that s/he executed the same of his/her own free will for the
purposes and consideration herein expressed.

Date: June 26, 2006 *Pamela D. Davis*
Notary Public

My Commission expires: _____



Date KEON JAE LEE

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this _____ day of _____
(month), _____ (year), personally appeared the above person, known to me
to be the person whose name is subscribed to this instrument and who
acknowledged to me that s/he executed the same of his/her own free will for the
purposes and consideration herein expressed.

Date: _____
Notary Public

My Commission expires: _____

Additional Assignors on additional sheets: Yes

GWS Ref. 43-06 and 43-06WO
Assignment

Date _____

ETIENNE MENARD

STATE OF _____)
) ss.
COUNTY OF _____)

BEFORE ME, the undersigned authority, on this ____ day of _____ (month), _____ (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: _____
Notary Public

My Commission expires:_____

25 Jun 06

Date

Lee Keon Jae
KEON JAE LEE

STATE OF _____)
) ss.
COUNTY OF _____)

Miyuki Hongo
Miyuki Hongo 25 June 2006

BEFORE ME, the undersigned authority, on this ____ day of _____ (month), _____ (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: _____

Notary Public

My Commission expires:

Additional Assignors on additional sheets: Yes

GWS Ref. 43-06 and 43-06WO
Assignment

June, 21, 2006
Date

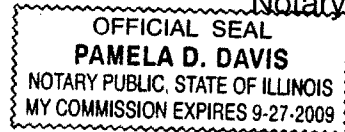
D Y Khang
DAHL-YOUNG KHANG

STATE OF Illinois)
COUNTY OF Champaign) ss.

BEFORE ME, the undersigned authority, on this 21 day of June (month), 2006 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: June 21, 2006 Pamela D. Davis
Notary Public

My Commission expires: _____



June 21, 2006
Date

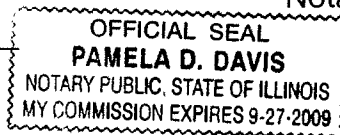
Yugang Sun
YUGANG SUN

STATE OF Illinois)
COUNTY OF Champaign) ss.

BEFORE ME, the undersigned authority, on this 21 day of June (month), 2006 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: June 21, 2006 Pamela D. Davis
Notary Public

My Commission expires: _____



Additional Assignors on additional sheets: Yes

6/30/06
Date

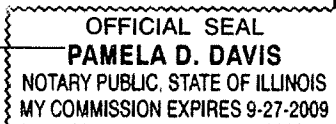
MATTHEW MEITL

STATE OF Illinois)
COUNTY OF Champaign) ss.

BEFORE ME, the undersigned authority, on this 30 day of June (month), 2006 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: June 30, 2006 Pamela D. Davis
Notary Public

My Commission expires: _____



6/29/06
Date

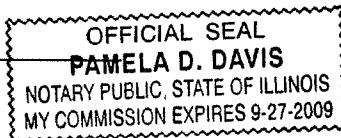
ZHENGTAO ZHU

STATE OF Illinois)
COUNTY OF Champaign) ss.

BEFORE ME, the undersigned authority, on this 29 day of June (month), 2006 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: June 29, 2006 Pamela D. Davis
Notary Public

My Commission expires: _____



Additional Assignors on additional sheets: Yes

GWS Ref. 43-06 and 43-06WO
Assignment

06/30/06
Date

Heung Cho Ko
HEUNG CHO KO

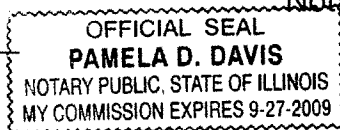
STATE OF Illinois)
COUNTY OF Champaign) ss.

BEFORE ME, the undersigned authority, on this 30 day of June
(month), 2006 (year), personally appeared the above person, known to me
to be the person whose name is subscribed to this instrument and who
acknowledged to me that s/he executed the same of his/her own free will for the
purposes and consideration herein expressed.

Date: June 30, 2006

Pamela D. Davis
Notary Public

My Commission expires: _____



Additional Assignors on additional sheets: No

ASSIGNMENT

WHEREAS, I, **Shawn Mack**, residing at 6750 El Colegio Rd., Apt. 416, Goleta, CA 93117 (each herein called "ASSIGNOR"), am an inventor of the invention entitled "Printable Semiconductor Structures and Related Methods of Making and Assembling", for which I have executed the following Patent Applications:

Item No.	Country	App. Serial No.	Filing Date	GWS Ref. No.
1	US	11/421,654	June 1, 2006	43-06
2	PCT International	PCT/US06/021161	June 1, 2006	43-06WO
3	Malaysia	PI20062537	June 1, 2006	43-06MY
4	Taiwan	095119520	June 1, 2006	43-06TW

AND WHEREAS, **The Board of Trustees of the University of Illinois** (herein called "ASSIGNEE"), an entity organized and existing under the laws of the State of Illinois, having a principal place of business at 352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801; is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States Application and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign

GWS Ref. 43-06, 43-06WO, 43-06MY, 43-06TW
Assignment

to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

March 20, 2007
Date

Shawn Mack
SHAWN MACK

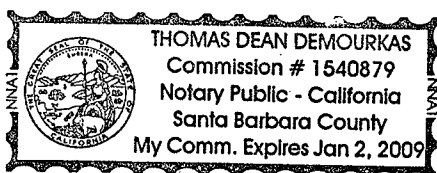
STATE OF CALIFORNIA)
COUNTY OF SANTA BARBARA) ss.

BEFORE ME, the undersigned authority, on this 20th day of MARCH (month), 2007 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that ~~s/he~~ he executed the same of his/~~her~~ own free will for the purposes and consideration herein expressed.

Date: 20th MARCH 2007

John Demourkas
Notary Public

My Commission expires: 01/02/2009



Page 2 of 2

PATENT

RECORDED: 07/29/2010

REEL: 024759 FRAME: 0162