

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rafael Reif</td> <td>06/17/2004</td> </tr> <tr> <td>Kuan-Neng Chen</td> <td>05/25/2004</td> </tr> <tr> <td>Chuan Seng Tan</td> <td>05/24/2004</td> </tr> <tr> <td>Andy Fan</td> <td>05/24/2004</td> </tr> </tbody> </table>		Name	Execution Date	Rafael Reif	06/17/2004	Kuan-Neng Chen	05/25/2004	Chuan Seng Tan	05/24/2004	Andy Fan	05/24/2004
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Rafael Reif	06/17/2004										
Kuan-Neng Chen	05/25/2004										
Chuan Seng Tan	05/24/2004										
Andy Fan	05/24/2004										
RECEIVING PARTY DATA											
Name:	Massachusetts Institute of Technology										
Street Address:	77 Massachusetts Avenue										
City:	Cambridge										
State/Country:	MASSACHUSETTS										
Postal Code:	02139										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10749103</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10749103						
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CORRESPONDENCE DATA											
Fax Number:	(781)401-9966										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	781-401-9988										
Email:	csd@dc-m.com										
Correspondent Name:	Christopher S. Daly										
Address Line 1:	275 Turnpike Street										
Address Line 4:	Canton, MASSACHUSETTS 02021										
NAME OF SUBMITTER:	Christopher S. Daly										

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Total Attachments: 5
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ASSIGNMENT

Whereas we, the undersigned, Rafael Reif, Kuan-Neng Chen, Chuan Seng Tan, and Andy Fan, hereby have made certain inventions or discoveries (or both) set forth in a patent application of the United States of America entitled METHOD OF FORMING A MULTI-LAYER SEMICONDUCTOR STRUCTURE INCORPORATING A PROCESSING HANDLE MEMBER, identified as Attorney Docket No. MIT-136BUS and MIT Case No. 10003, which application was filed on December 30, 2003 and Assigned Application No.10/749,103. In the event that the filing date and/or Application No. are not entered above at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Suite 101, Canton, MA 02021-2310, to insert above the filing date and/or Application No. of said application.

Whereas, Massachusetts Institute of Technology, a Massachusetts Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said United States patent application, any and all other patent applications on said inventions and discoveries in whatsoever countries, including all utility, divisional, renewal, substitute, continuation, reissue and Convention applications based in whole or in part upon said inventions or discoveries, said United States patent application or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to transfer said United States application or to issue or transfer any Letters Patent to Assignee based in whole or in part upon said United States application, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment Document on the date indicated next to each of our respective names.

Dated: 6/17/04

Rafael Reif
Rafael Reif

On this 17 day of June, 2004, before me appeared Rafael Reif, to me known and known to me to be the person described in and who executed the foregoing Assignment Document, and he acknowledged the same to be his free act and deed.

Susan Kaufman
First Witness

On this 17 day of June, 2003, before me appeared Rafael Reif, to me known and known to me to be the person described in and who executed the foregoing Assignment Document, and he acknowledged the same to be his free act and deed.

Roda Sullivan
Second Witness

Dated: 5/25/04

Kuan-Neng Chen
Kuan-Neng Chen

On this 25 day of May, 2004, before me appeared Kuan-Neng Chen, to me known and known to me to be the person described in and who executed the foregoing Assignment Document, and he acknowledged the same to be his free act and deed.


Susan Kaufman
First Witness

On this 25 day of May, 2004, before me appeared Kuan-Neng Chen, to me known and known to me to be the person described in and who executed the foregoing Assignment Document, and he acknowledged the same to be his free act and deed.

Lucille A. O'Hehir
Second Witness

PATENT
Application No.: 10/749,103
Filed On: December 30, 2003
Attorney Docket No.: MIT-136BUS

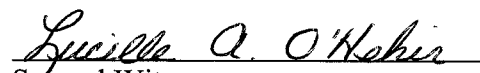
Dated: 5/24/04


Chuan Seng Tan

On this 24 day of May, 2004, before me appeared Chuan Seng Tan, to me known and known to me to be the person described in and who executed the foregoing Assignment Document, and he acknowledged the same to be his free act and deed.


First Witness

On this 24 day of May, 2004, before me appeared Chuan Seng Tan, to me known and known to me to be the person described in and who executed the foregoing Assignment Document, and he acknowledged the same to be his free act and deed.


Second Witness

PATENT
Application No.: 10/749,103
Filed On: December 30, 2003
Attorney Docket No.: MIT-136BUS

Dated: 5-24-04

Andy Fan
Andy Fan

On this 24 day of May, 2004, before me appeared Andy Fan, to me known and known to me to be the person described in and who executed the foregoing Assignment Document, and he acknowledged the same to be his free act and deed.

Susan Kaufman
First Witness

On this 24 day of May, 2004, before me appeared Andy Fan, to me known and known to me to be the person described in and who executed the foregoing Assignment Document, and he acknowledged the same to be his free act and deed.

Lucille A. O'Hara
Second Witness

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