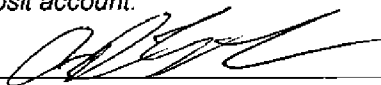


FORM PTO-1595 (modified) (Rev 6-93)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
<b>RECORDATION FORM COVER SHEET PATENTS ONLY</b>			
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.			
1. Name of conveying parties:  <b>Naing Tun THET Christian JOACHIM N. CHANDRASEKHAR</b>		2. Name and address of receiving party:  <b>Agency for Science, Technology and Research 1 Fusionopolis Way #20-10 Connexis Singapore</b>	
Additional conveying party(ies) <b>NO</b>		Additional name(s) & address(es) attached? <b>NO</b>	
3. Nature of conveyance: <b>ASSIGNMENT</b> Execution Date: <b>April 9, May 10, April 12, 2010</b>			
4. Application number(s) or patent number(s):  If this is being filed together with a new application, the execution date of the application is:			
A. Patent Application Number(s):  <b>12/672,885</b>		B. Patent Number(s):	
Additional numbers attached? <b>NO</b>			
5. Name and address of party to whom correspondence concerning document should be mailed:  <b>Andrew E. Rawlins FOLEY &amp; LARDNER LLP 3000 K Street, N.W. Suite 600 Washington, D.C. 20007-5143</b>		6. Total number of applications/patents involved: <b>1</b>	
		7. Total fee (37 C.F.R. § 3.41): <b>\$40.00</b>  Check Enclosed <input checked="" type="checkbox"/> Authorized to be charged to credit card Authorized to be charged to deposit account	
		8. Payment Information	
		a. Credit Card Last 4 Numbers <b>7514</b> Expiration Date <b>11/30/2011</b>	
		b. Deposit account number <b>19-0741</b> Authorized User Name <b>Andrew E. Rawlins</b>	
<b>DO NOT USE THIS SPACE</b>			
9. Statement and signature: <i>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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.</i>			
<b>Andrew E. Rawlins</b>			<b>9/13/10</b>
Name of person signing		Signature	Date
Total number of pages including cover sheet, attachments, and document: <b>10</b>			

OP \$40.00 12672885

Atty. Dkt. No. 097271-0102

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Agency for Science, Technology and Research  
1 Fusionopolis Way  
#20-10 Connexis  
Singapore

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

**NANO-INTERCONNECTS FOR ATOMIC AND MOLECULAR SCALE CIRCUITS**

as set forth in this United States Patent Application

Check  executed concurrently herewith  
one  executed on \_\_\_\_\_  
 Serial No. Number 12/672,885 (PCT/SG2007/000247) Filed 8/10/2007  
and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its

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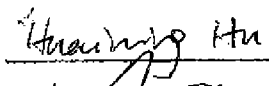
**NAME AND SIGNATURE OF INVENTOR**

NAME: NAING TUN THET SIGNATURE: 

DATE: 09/09/2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: HUAINING HU

SIGNATURE: 

DATE: 16/04/2010

NAME: NGL POWLER

SIGNATURE: 

DATE: 16/04/2010

**NAME AND SIGNATURE OF INVENTOR**

NAME: CHRISTIAN JOACHIM SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: N. CHANDRASEKHAR SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

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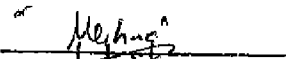
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**NAME AND SIGNATURE OF INVENTOR**

NAME: CHRISTIAN JOACHIM SIGNATURE:  DATE: 10/05/2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: <sup>x</sup> CHENG MEI LING SIGNATURE:  DATE: 10/5/2010

NAME: <sup>x</sup> SIN VERONICA SIGNATURE:  DATE: 10/5/2010

**NAME AND SIGNATURE OF INVENTOR**

NAME: N. CHANDRASEKHAR SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

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NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**


NAME: N. CHANDRASEKHAR SIGNATURE: N Chandrasekhar DATE: 12/6/2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: Sean O'Shea SIGNATURE: [Signature] DATE: 12 April 2010

Atty. Dkt. No. 097271-0102

NAME: Yao Kui

SIGNATURE: 

DATE: 12/04/2010

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.