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Atty. Docket No.: 1781-202P

Page 1 of 1

## ORDATION FORM COVER SHEET PANEN To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Junfeng ZHANG, Cheng Qiang CUI, Thiam Beng LIM and Name: Institute of Microelectronics **En-Tang KANG** Internal Address: Additional name(s) of conveying party(ies) attached? Street Address: 11 Science Park Road ☐ YES ⋈ NO 3. Nature of conveyance: City: Science Park II State: ZIP: 7 Merger Country: Singapore Postal Code: 117685 Security Agreement Change of Name Additional name(s) & address(es) attached? XYES NO Other: Date: September 21, 2000 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). 09/604,959 Additional numbers attached? | YES 5. Name and address of party to whom correspondence 6. Total No. of applications/patents involved: one (1) concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41): **\$40.00** Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 Authorized to be charged to deposit account, City: FALLS CHURCH State: VA ZIP: 22040-0747 if no fee attached. 8. Deposit account number: 02-2448 Country: USA (Attach triplicate copy of this page if paying by deposit account) 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. James M. Slattery, #28,380 October 13, 2000 Name of Person Signing/Reg. No. Signature Date

Total number of pages including cover sheet, attachments, and document: four (4)

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(Rev. 04/19/2000)

Atty. Docket No.: 1781-202P Page 2 of 2

Attachment to RECORDATION FORM COVER SHEET	
Continuation of Box 1Name of conveying party(ies):	
Continuation of Box 2Name and address of receiving party(ies):	
National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260	
Continuation of Box 4Application number(s) or patent number(s):	

PATENT REEL: 011214 FRAME: 0833

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ATTORNEY DOCKET NO.	
1781-0202P	

## **ASSIGNMENT**

	Application No. $00$	9/604,959	Filed <u>June 28, 2000</u>
insert Name(s)	<b>→</b> WHEREAS,_	Junfeng ZHANG,	
of Inventor(s)		Cheng Qiang CUI,	
		Thiam Beng LIM, and	
		En- Tang KANG	
nsert Title of Invention		ed as the undersigned) has (have) invented certa	-
or investion	BOARD (PCB) SL		
	for which an applicat	tion for Letters Patent of the United States of Am	erica has been executed by the undersigned
nsert Date of Signing of Application	⇒ on _September	21, 2000	; and
nsert Name	→ WHEREAS,_	(A) Institute of Microelectronics and	
of Assignee		(B) National University of Singapore	
insert Address of Assignee		e Park Road, Science Park II, Singapore 1	17685 and
		dge Crescent, Singapore 119260	
CHECK BOX F APPROPRIATE	acquiring the entire	legal representatives and assigns (hereinafter right, title and interest in and to said invention refor in the United States of America and reign countries.	
	paid, the receipt of w has (have) sold, ass Assignee the full ar dependencies and p which may be grante	EFORE, in consideration of the sum of Ten Do which is hereby acknowledged, and other good ar- signed and transferred, and by these presents and exclusive right to the said invention in the possessions and the entire right, title and inter- ted therefor in the United States of America, its to be is designated, in any and all foreign countries	nd valuable consideration, the undersigned so does sell, assign and transfer unto said. United States of America, its territories, est in and to any and all Letters Patent(s) territories, dependencies and possessions,
	and to any and all which the same may	divisions, reissues, continuations and extension be granted.	ons thereof for the full term or terms for

PATENT REEL: 011214 FRAME: 0834 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	21 Sep. 2000,	Name of Inventor	3h	And	·		
	,		Junfeng ZHANG	(:	signature)		
Date _	21 Sep. 2000,	Name of Inventor		10	<del>( )</del>		
		•	Cheng Qiang CUI	\	signature)		
Date _	21 Sep. 2000,	Name of Inventor	· · · · · · · · · · · · · · · · · · ·		liment		
			Thiam Beng LIM	_	signature)		
Date _	21 Sep. 2000,	Name of Inventor			in they		
			En- Tang KANG	٤٠(	signature		
Date _		Name of Inventor			signature)	BUMP - 4	
Date _	,	Name of Inventor		(	signature)		
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