

# 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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Xiaoyu CHEN</td><td>04/26/2007</td></tr> <tr><td>Donghua LIU</td><td>04/26/2007</td></tr> <tr><td>Sung Mun JUNG</td><td>04/26/2007</td></tr> <tr><td>Swee Tuck WOO</td><td>04/26/2007</td></tr> <tr><td>Rachel LOW</td><td>04/26/2007</td></tr> <tr><td>Louis LIM</td><td>04/26/2007</td></tr> <tr><td>Siow Lee CHWA</td><td>04/26/2007</td></tr> </tbody> </table>			Name	Execution Date	Xiaoyu CHEN	04/26/2007	Donghua LIU	04/26/2007	Sung Mun JUNG	04/26/2007	Swee Tuck WOO	04/26/2007	Rachel LOW	04/26/2007	Louis LIM	04/26/2007	Siow Lee CHWA	04/26/2007
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>Chartered Semiconductor Manufacturing, Ltd.</td></tr> <tr><td>Street Address:</td><td>60 Woodlands Industrial Park D Street 2</td></tr> <tr><td>City:</td><td>Singapore</td></tr> <tr><td>State/Country:</td><td>SINGAPORE</td></tr> <tr><td>Postal Code:</td><td>738406</td></tr> </table>			Name:	Chartered Semiconductor Manufacturing, Ltd.	Street Address:	60 Woodlands Industrial Park D Street 2	City:	Singapore	State/Country:	SINGAPORE	Postal Code:	738406						
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CORRESPONDENCE DATA																		
<p>Fax Number: (656)846-2005  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 65 98369908          Email: dexter.chin@horizonip.com.sg</p> <p>Correspondent Name: Dexter CHIN          Address Line 1: 8 Kallang Sector          Address Line 2: East Wing 7th Floor          Address Line 4: Singapore, SINGAPORE 349282</p>																		
ATTORNEY DOCKET NUMBER:	CSM P 2006 NAT 64 US 0																	

CH \$40.00 11740939

**PATENT**

**500266335**

**REEL: 019219 FRAME: 0891**

NAME OF SUBMITTER:

Dexter CHIN

Total Attachments: 8

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## ASSIGNMENT

For good and valuable consideration, we, Xiaoyu CHEN, residing at Blk 368, Bukit Batok Street 31 #05-477, Singapore 650368, a citizen of China; Donghua LIU, residing at Blk 535, Woodlands Drive 14 #02-603, Singapore 730535, a citizen of China; Sung Mun JUNG, residing at #50 Hume Avenue, Unit #03-04, Summerhill, Singapore 596229, a citizen of South Korea; Swee Tuck WOO, residing at Blk 614, #03-241, Choa Chu Kang Street 62, Singapore 680614, a citizen of Malaysia; Rachel LOW, residing at Blk 60 Sims Drive #12-1261, Singapore 380060, a citizen of Singapore; Louis LIM, residing at Blk 40, Cambridge Road #05-105, Singapore 210040, a citizen of Singapore; Siow Lee CHWA, residing at 19 Shelford Road #01-45, Singapore 288408, a citizen of Singapore;

Hereby sell, assign, and transfer to **Chartered Semiconductor Manufacturing, Ltd.**, a corporation of **Singapore**, having its principal place of business at **60 Woodlands Industrial Park D Street 2, Singapore 738406**,

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently here within, and is entitled:

### **NON-VOLATILE MEMORY CELL WITH A HYBRID ACCESS TRANSISTOR**

and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and all other patent applications on any and all said

improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 26th April 2007

Chen

(Signature)

Xiaoyu **CHEN**

Witness 1:

Lim Kian Hong

(Signature)

LIM KIAN HONG  
(Print name)

Witness 2:

Teo Kim Tuan

(Signature)

Teo Kim Tuan  
(Print name)

Date: 26/04/07

劉東華  
(Signature)

Donghua LIU

Witness 1: Lim Kian Hong  
(Signature)

LIM KIAN HONG  
(Print name)

Witness 2: 李文博  
(Signature)

LI WENBO  
(Print name)

Date: 26<sup>th</sup> April 2007

孫文

(Signature)

Sung Mun **JUNG**

Witness 1:

林建宏

(Signature)

LIM KIAN HONG

(Print name)

Witness 2:

李文博

(Signature)

LI WENBO

(Print name)

Date:

26 Apr 2007



(Signature)

Swee Tuck WOO

Witness 1:



(Signature)

LIM KIAN HONG

(Print name)

Witness 2:



(Signature)

TEE KIM TUAN

(Print name)

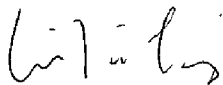
Date: 26th April 2007.



(Signature)

Rachel LOW

Witness 1:



(Signature)

LIM KIAN HONG  
(Print name)

Witness 2:



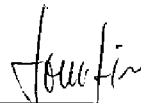
(Signature)

TEE KIM TUAN  
(Print name)



Date:

26/4/07



(Signature)

Louis LIM

Witness 1:

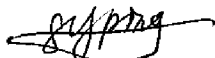


(Signature)

TEE KIM TUAN

(Print name)

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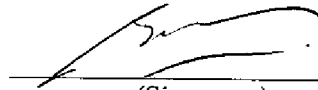



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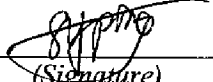
SHEN YANPING

(Print name)

Date: 26/4/07

  
(Signature)  
Siow Lee CHWA

Witness 1:   
(Signature)  
Tee Kim Tuan  
(Print name)

Witness 2:   
(Signature)  
SHEN YANPING  
(Print name)