

06-30-2009

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

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103565452

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Eng Huat Toh                      Jae Gon Lee  
Chung Foong Tan                  Elgin Quek  
Shyue Seng Tan

Execution Date(s) June 11, 2009, respectively

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment                      ☐ Merger  
☐ Security Agreement              ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Chartered Semiconductor Manufacturing, Ltd.

Internal Address: \_\_\_\_\_

Street Address: 60 Woodlands Industrial Park D

Street 2 \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: Singapore                      Zip: 738406

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Docket Clerk

Internal Address: P.O. Drawer 800889

Street Address: \_\_\_\_\_

City: Dallas

State: Texas

Zip: 75380

Phone Number: (972) 628-3600

Fax Number: (972) 628-3616

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card    Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0208

Authorized User Name Robert D. McCutcheon

9. Signature: Robert D. McCutcheon

Signature

June 16, 2009

Date

Robert D. McCutcheon, Reg. No. 38,717

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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REEL: 022896 FRAME: 0001

**ASSIGNMENT**

For good and valuable consideration, we, Eng Huat TOH, residing at Block 22 Sin Ming Road #04-242, Singapore 570022, a citizen of Singapore; Chung Foong TAN, residing at Blk 613 Choa Chu Kang St 62, #12-211, Singapore 680613, a citizen of Malaysia; Shyue Seng TAN, residing at Blk 407A Fernvale Road #20-27, Singapore 791407, a citizen of Malaysia; Jae Gon LEE, residing at 54 Hume Avenue #08-10 Summerhill, Singapore 596231, a citizen of South Korea, and Elgin QUEK, residing at 239 Lor 1 Toa Payoh #04-98, Singapore 311239, 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 UTILIZING IMPACT IONIZATION AND  
TUNNELLING AND METHOD OF MANUFACTURING THEREOF**

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

ATTY DOCKET NO. CHAR04-00013 (CS08-107)

PATENT

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.

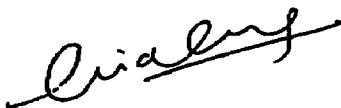
Date: 11 / 6 / 2009



(Signature)

Eng Huat TOH

Witness 1:



(Signature)

YEO CHIA CHING

(Print name)

Witness 2:



(Signature)

Handoko Linewih

(Print name)

Date: 11/6/2009

  
 (Signature)  
 Chung Foong TAN

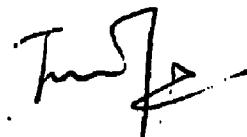
Witness 1:   
 (Signature)

YED CHIA CHING  
 (Print name)

Witness 2:   
 (Signature)

Handoko Linewih  
 (Print name)

Date:

11/16/2009  
(Signature)Shyue Seng TAN

Witness 1:

  
(Signature)YEO CHIA CHING  
(Print name)

Witness 2:

  
(Signature)Handoko Linewih  
(Print name)

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Date:

11 / 06 / 09



(Signature)

Jae Gon LEE

Witness 1:



(Signature)

YEO CHIA CHING

(Print name)

Witness 2:



(Signature)

Handoko Linewih

(Print name)

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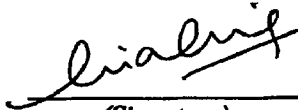
11/6/09



(Signature)

Elgin QUEK

Witness 1:



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Witness 2:



(Signature)

Handoko Linewih

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