

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WENZHE LUO	04/20/2010
PAUL OUYANG	01/26/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Semiconductor Manufacturing International (Shanghai) Corporation
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<b>City:</b>	Shanghai
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	201203
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12794697
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	Dah-Bin Kao
<b>Total Attachments: 2</b> source=EXECUTED_ASSIGNMENT_021653_007200US#page1.tif source=EXECUTED_ASSIGNMENT_021653_007200US#page2.tif	

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Wenzhe Luo** of 18 Zhang Jiang Rd, Pudong New Area, Shanghai, 201203, People's Republic of China; and **Paul Ouyang** of 18 Zhang Jiang Rd, Pudong New Area, Shanghai, 201203, People's Republic of China, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **METHOD OF FLASH MEMORY DESIGN WITH DIFFERENTIAL CELL FOR BETTER ENDURANCE**

Filing Date: Not Yet Filed

Application No.: Not Yet Assigned ; and

WHEREAS, **Semiconductor Manufacturing International (Shanghai) Corporation**, a corporation of People's Republic of China, located at 18 Zhang Jiang Rd, Pudong New Area, Shanghai, 201203, People's Republic of China, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

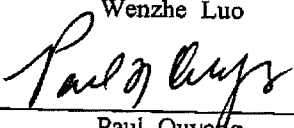
Assignors further agree that they will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: \_\_\_\_\_

Dated: 1-26-2010

\_\_\_\_\_  
Wenzhe Luo  
  
\_\_\_\_\_  
Paul Ouyang