

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Xiang Hu</td><td>03/30/2011</td></tr><tr><td>Richard S. Wise</td><td>03/30/2011</td></tr><tr><td>Habib Hichri</td><td>04/01/2011</td></tr><tr><td>Catherine Labelle</td><td>04/01/2011</td></tr></tbody></table>	Name	Execution Date	Xiang Hu	03/30/2011	Richard S. Wise	03/30/2011	Habib Hichri	04/01/2011	Catherine Labelle	04/01/2011	
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Xiang Hu	03/30/2011										
Richard S. Wise	03/30/2011										
Habib Hichri	04/01/2011										
Catherine Labelle	04/01/2011										
RECEIVING PARTY DATA											
Name:	GLOBALFOUNDRIES Singapore Pte. Ltd.										
Street Address:	60 Woodlands Industrial Park D Street 2										
City:	Singapore										
State/Country:	SINGAPORE										
Postal Code:	738406										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13081020</td></tr></tbody></table>	Property Type	Number	Application Number:	13081020							
Property Type	Number										
Application Number:	13081020										
CORRESPONDENCE DATA											
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Total Attachments: 2 source=BSG056_P5156US00_Assignment#page1.tif source=BSG056_P5156US00_Assignment#page2.tif											

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PATENT  
REEL: 026083 FRAME: 0888

**ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Xiang HU, Richard S. WISE, Habib HICHRI, and Catherine LABELLE hereby sell, assign, and transfer to GLOBALFOUNDRIES Singapore Pte. Ltd., a corporation of the Republic of Singapore, having a principal place of business at 60 Woodlands Industrial Park D Street 2, Singapore 738406 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

**ARC RESIDUE-FREE ETCHING**

- ☒ which has been executed by the undersigned concurrently herewith,  
☐ which was filed on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_.

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that 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 that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

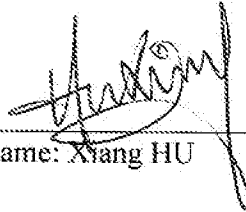
agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; 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 assist said Assignee, its successors, assigns, or representatives 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.

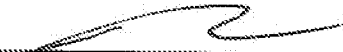
The undersigned hereby grant(s) registered practitioners of the firm of Dittthavong Mori & Steiner, P.C. of 918 Prince Street, Alexandria, Virginia, 22314, the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United State Patent and Trademark Office for recordation of this document.

**Each Inventor: Please Sign and Date Below:**

3/20, 2011  
Date

  
Name: Xiang HU

3/30, 2011  
Date

  
Name: Richard S. WISE

4/01, 2011  
Date

  
Name: Habib HICHRI

April 1, 2011  
Date

  
Name: Catherine LABELLE