

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Bin Yang | 06/10/2010 |
| Man Fai Ng | 06/10/2010 |
| RECEIVING PARTY DATA | |
| Name: | GLOBALFOUNDRIES Inc. |
| Street Address: | P.O. Box 309, Ugland House |
| City: | Grand Cayman |
| State/Country: | CAYMAN ISLANDS |
| Postal Code: | KY1-1194 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12821507 |
| CORRESPONDENCE DATA | |
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| Correspondent Name: | DITTHAVONG MORI & STEINER, P.C. |
| Address Line 1: | 918 Prince Street |
| Address Line 4: | Alexandria, VIRGINIA 22314 |
| ATTORNEY DOCKET NUMBER: | P4299US00 |
| NAME OF SUBMITTER: | Arthur J. Steiner |
| Total Attachments: 3 source=BN029_P4299US00_Assignment#page1.tif source=BN029_P4299US00_Assignment#page2.tif source=BN029_P4299US00_Assignment#page3.tif | |

OP \$40.00 12821507

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Bin YANG and Man Fai NG hereby sell, assign, and transfer to GLOBALFOUNDRIES Inc., a corporation of the Cayman Islands, having a principal place of business at P.O. Box 309, Ugland House, Grand Cayman KY1-1194 Cayman Islands ("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:

**SHORT CHANNEL SEMICONDUCTOR DEVICES WITH REDUCED HALO
DIFFUSION**


- 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.

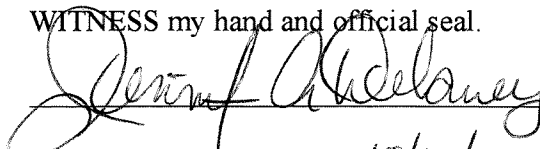
Each Inventor: Please Sign and Date Below:

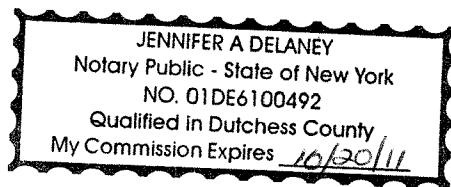
06/10/2010, 20 
 Date Name: Bin YANG

STATE OF New York)
 COUNTY OF Dutchess) SS:

On June 10th, 2010 before me, Jennifer A. Delaney,
 personally appeared Bin YANG, personally known to me (or proved to me on the basis of
 satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to within the
 instrument and acknowledged to me that he/she/they executed the same in his/her/their
 authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
 the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

 (signature of Notary) (seal of Notary)
 My commission expires 10/20/11



June 10th, 2010
Date

Man Fai NG
Name: Man Fai NG

STATE OF New York,
COUNTY OF Dutchess) SS:

On June 10th, 2010 before me, Jennifer A. Delaney, personally appeared Man Fai NG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) (is) are subscribed to within the instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Jennifer A. Delaney (signature of Notary)
My commission expires 10/20/11

(seal of Notary)

