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| | 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): Vivek NAUTIYAL Ashish KUMAR | 2. Name and address of receiving party(ies) Name: STMicroelectronics Pvt. Ltd. Internal Address: |
| | Execution Date(s) 03/01/06 & 03/03/06 Additional name(s) of conveying party(ies) attached? Yes 🖌 No | |
| | 3. Nature of conveyance: | Institutional Area |
| | Assignment Merger | City: <u>Noida</u> |
| | Security Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other | State: <u>Uttar Pradesh</u> Country: <u>India</u> Zip: <u>201 301</u> Additional name(s) & address(es) attached? Yes V No |
| 03/21/2005 02 FC:8021 | 4. Application or patent number(s): This is a second se | document is being filed together with a new application. B. Patent No.(s) |
| | 11/323,953 5 EAYALEW1 00000015 11323953 40.00 0P Additional numbers att | ached? ☐Yes ✔No |
| | 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: |
| | Name: CHRISTOPHER F. REGAN, ESQ. Internal Address: ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST, P.A. Street Address: 255 S ORANGE AVENUE SUITE 1401 | 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) |
| | City: ORLANDO | 8. Payment Information |
| | State: <u>FL</u> Zip: <u>32801</u> | a. Credit Card Last 4 Numbers <u>1006</u> Expiration Date <u>11/06</u> |
| | Phone Number: <u>407-841-2330</u> Fax Number: <u>407-841-2343</u> | b. Deposit Account Number |
| | Email Address: <u>cregan@addmg.com</u> | Authorized User Name |
| | 9. Signature: | March 15, 2005 Date |
| | (MATTER #52685) PAUL J. DITMYER Name of Person Signing | Total number of pages including cover 3 sheet, attachments, and documents: |

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

ASSIGNMENT

WHEREAS, Vivek NAUTIYAL of Uttaranchal, India, and Ashish KUMAR of Jharkhand, India; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in <u>MEMORY</u> <u>WITH REDUCED BITLINE LEAKAGE CURRENT AND METHOD FOR THE SAME</u>, for which ASSIGNORS have executed an application for United States Letters Patent filed on December 30, 2005 in the United States Patent and Trademark Office and assigned serial no. 11/323,953; and

WHEREAS, STMICROELECTRONICS PVT. LTD., an Indian corporation, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenant and agree that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said ASSIGNORS will communicate to said ASSIGNEE any facts known to said ASSIGNORS respecting said invention or inventions, and testify in any legal proceedings when called upon by said ASSIGNEE, sign all lawful papers deemed by said ASSIGNEE as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said ASSIGNEE, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the ASSIGNEE'S expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

ol/Munch/2008 Date

Mar 3, 2006

Vivek NAUTIYAL

Ashish KUMAR

2

PATENT REEL: 017661 FRAME: 0267

RECORDED: 03/20/2006