Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Ahmed Kari | 04/10/2008 |
| Christophe Moreaux | 04/10/2008 |
| David Naura | 04/10/2008 |
| Pierre Rizzo | 04/10/2008 |

RECEIVING PARTY DATA

| Name: | STMicroelectronics S.A. | |
|-----------------|------------------------------|--|
| Street Address: | 29, Boulevard Romain Rolland | |
| City: | Montrouge | |
| State/Country: | FRANCE | |
| Postal Code: | 92120 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 12061086 | |

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER: 852663.520C1

NAME OF SUBMITTER: Dennis M. de Guzman

Total Attachments: 3

PATENT REEL: 021144 FRAME: 0892

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> PATENT REEL: 021144 FRAME: 0893

ASSIGNMENT

WHEREAS, we, Ahmed Kari, Christophe Moreaux, David Naura, and Pierre Rizzo (hereinafter referred to as ASSIGNORS), having mailing addresses of Residence le Musset, Bat G, 72, avenue de Fontenaille, Aix en Provence, France 13100; 1731 Chemin des Marres, Simiane, France 13109; 12 Chemin de Beauregard, Aix en Provence, France 13100; and 255 rue Joseph Villevieille, Aix en Provence, France 13100; respectively, are the joint inventors of an invention entitled 'METHOD FOR BLOCK WRITING IN A MEMORY," as described and claimed in the specification for which an application for United States letters patent was filed on April 2, 2008, and assigned Application No. 12/061,086;

WHEREAS, STMicroelectronics SA. (hereinafter referred to as ASSIGNEE), a French corporation having a place of business at 29, Boulevard Romain Rolland, Montrouge, France 92120, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

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PATENT REEL: 021144 FRAME: 0894

| Ahmed KARI |
|--|
| Ahmed Kari |
| I know or have satisfactory evidence that Ahmed Kari is the person and said person acknowledged that he signed this instrument and free and voluntary act for the uses and purposes mentioned in the Dated April 10th 2011 Signature of Witness Palick Maguel |
| Churtophe Morecux |
| Christophe Moreaux Christophe Moreaux |
| I know or have satisfactory evidence that Christophe Moreaux is the eme, and said person acknowledged that he signed this instrument his free and voluntary act for the uses and purposes mentioned in the Dated |
| |

patent on said invention, for litigation regarding said letters patent, or for the purpose of

protecting title to said invention or letters patent therefor.

| Apr 10 2008 Date 17 | David Naura | NAURA |
|---|---|-------------------------------|
| who appeared before me, and said acknowledged it to be his free and instrument. Dated | person acknowledged that woluntary act for the uses | and purposes mentioned in the |
| Signatu Witness | re of Patick SEA | 16uid |
| Apr 10 th 2008 | Pierre 1 | 21220 |
| Date | Pierre Rizzo | |
| I certify that I know of who appeared before me, and said acknowledged it to be his free and instrument. Dated | person acknowledged that voluntary act for the uses | - |
| Signatu Witness | re of | MEMA |

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RECORDED: 06/24/2008