

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|--|---------------|--|------------------------|--|--------------|---------------------------|-----------------------|------------|---------------------|--------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kai-Feng Wang</td> <td>10/09/2009</td> </tr> <tr> <td>Hong-Xia Sun</td> <td>10/09/2009</td> </tr> <tr> <td>Yong-Qiang Wu</td> <td>10/09/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Kai-Feng Wang | 10/09/2009 | Hong-Xia Sun | 10/09/2009 | Yong-Qiang Wu | 10/09/2009 | | |
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| Kai-Feng Wang | 10/09/2009 | | | | | | | | | | |
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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>STMicroelectronics (Beijing) R&D Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Rm. 8, 12B/F, Yingu Building No. 9; Northwest Fourth Ring Road</td> </tr> <tr> <td>City:</td> <td>Haidian District, Beijing</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>100080</td> </tr> </table> | | Name: | STMicroelectronics (Beijing) R&D Co., Ltd. | Street Address: | Rm. 8, 12B/F, Yingu Building No. 9; Northwest Fourth Ring Road | City: | Haidian District, Beijing | State/Country: | CHINA | Postal Code: | 100080 |
| Name: | STMicroelectronics (Beijing) R&D Co., Ltd. | | | | | | | | | | |
| Street Address: | Rm. 8, 12B/F, Yingu Building No. 9; Northwest Fourth Ring Road | | | | | | | | | | |
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| Postal Code: | 100080 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12535615</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12535615 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12535615 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (617)646-8646 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617.646.8000 Email: gdriscoll@wolfgreenfield.com Correspondent Name: Wolf, Greenfield & Sacks, P.C. Address Line 1: 600 Atlantic Avenue Address Line 4: Boston, MASSACHUSETTS 02210</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | S1022.71316US00 | | | | | | | | | | |
| NAME OF SUBMITTER: | James H. Morris | | | | | | | | | | |
| Total Attachments: 1 source=12535615#page1.tif | | | | | | | | | | | |

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REEL: 023349 FRAME: 0895

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby:

Sell, assign and transfer to STMicroelectronics (Beijing) R&D Co., Ltd., a having a place of business at Rm. 8, 12B/F, Yingu Building No. 9; Northwest Fourth Ring Road; Haidian District, Beijing 100080; PEOPLE'S REPUBLIC OF CHINA, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on August 4, 2009 as serial No. 12/535,615 and entitled REDUCED POWER LOAD/STORE QUEUE SEARCHING MECHANISM, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

The undersigned hereby grant(s) the firm of Wolf, Greenfield & Sacks, P.C., of 600 Atlantic Avenue, Boston, Massachusetts 02210 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent office for recordation of this document.

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| Dated: <u>9 October 2009</u> | Signature <u>Kai-feng WANG</u> |
| | Printed Name: Kai-feng Wang |
| Dated: <u>9 October 2009</u> | Signature <u>Hongxia SUN</u> |
| | Printed Name: Hong-Xia Sun |
| Dated: <u>09 - Oct - 2009</u> | Signature <u>Yong-Qiang Wu</u> |
| | Printed Name: Yong-Qiang Wu |

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