

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| 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>Samuel J. Anderson</td> <td>01/15/2013</td> </tr> <tr> <td>David N. Okada</td> <td>01/15/2013</td> </tr> <tr> <td>Patrick M. Shea</td> <td>01/21/2013</td> </tr> </tbody> </table> |                                      | Name          | Execution Date | Samuel J. Anderson  | 01/15/2013 | David N. Okada | 01/15/2013 | Patrick M. Shea | 01/21/2013 |
| Name   | Execution Date                       |               |                |                     |            |                |            |                 |            |
| Samuel J. Anderson   | 01/15/2013                           |               |                |                     |            |                |            |                 |            |
| David N. Okada   | 01/15/2013                           |               |                |                     |            |                |            |                 |            |
| Patrick M. Shea  | 01/21/2013                           |               |                |                     |            |                |            |                 |            |
| RECEIVING PARTY DATA   |                                      |               |                |                     |            |                |            |                 |            |
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| City:  | Tempe                                |               |                |                     |            |                |            |                 |            |
| State/Country:   | ARIZONA                              |               |                |                     |            |                |            |                 |            |
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| 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>13746826</td> </tr> </tbody> </table>  |                                      | Property Type | Number         | Application Number: | 13746826   |                |            |                 |            |
| Property Type  | Number                               |               |                |                     |            |                |            |                 |            |
| Application Number:  | 13746826                             |               |                |                     |            |                |            |                 |            |
| CORRESPONDENCE DATA  |                                      |               |                |                     |            |                |            |                 |            |
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| Email:   | main@plgaz.com                       |               |                |                     |            |                |            |                 |            |
| Correspondent Name:  | PATENT LAW GROUP                     |               |                |                     |            |                |            |                 |            |
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| ATTORNEY DOCKET NUMBER:  | 1684.0026                            |               |                |                     |            |                |            |                 |            |
| NAME OF SUBMITTER:   | Robert D. Atkins                     |               |                |                     |            |                |            |                 |            |
| Total Attachments: 3<br>source=ASSIGNMENTS#page1.tif<br>source=ASSIGNMENTS#page2.tif<br>source=ASSIGNMENTS#page3.tif   |                                      |               |                |                     |            |                |            |                 |            |

OP \$40.00 13746826

ASSIGNMENT AND AGREEMENT

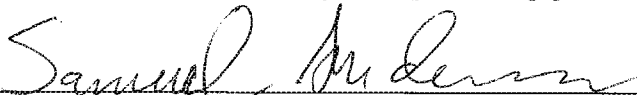
For good and valuable consideration, the receipt of which is hereby acknowledged, I, SAMUEL J. ANDERSON of Tempe, Arizona, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto GREAT WALL SEMICONDUCTOR CORPORATION (GREAT WALL), a Corporation of the State of Delaware, having its principal office in Tempe, Arizona, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled SEMICONDUCTOR DEVICE AND METHOD OF FORMING A POWER MOSFET WITH INTERCONNECT STRUCTURE TO ACHIEVE LOWER RDSON, which is described, illustrated, and claimed in any patent application under Attorney Docket No. 1684.0026, together with the entire right, title and interest in and to the application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may issue upon such application(s).

I hereby sell, assign, and transfer unto GREAT WALL, the entire right, title, and interest in and to application(s) for patent filed in all countries foreign to the United States, and in and to application(s) for patent filed under any and all international conventions and treaties, and in and to any patent issuing therefrom, which describe, illustrate, and claim the above-identified invention(s). I hereby also sell, assign, and transfer unto GREAT WALL, the entire right, title, and interest in and to all rights under any and all international conventions and treaties in respect of the above-identified invention(s). I authorize GREAT WALL to apply for patent in foreign countries directly in its own name, and to claim the priority of the filing date under the provisions of any and all domestic laws and international conventions and treaties.

I hereby authorize and request the government authority in the United States to issue patent(s) upon the aforesaid application, continuation, division, reissue, reexamination, extension, renewal, or substitute, to GREAT WALL, for the sole use and behalf of GREAT WALL, its successors, assigns, and legal representatives, to the full end of the term for which the patent(s) may be granted, the same as they would have been held and enjoyed by me had this assignment not been made. I authorize and request the equivalent authorities in countries foreign to the United States to issue the patents of their respective countries to and in the name of GREAT WALL in the same manner.

I agree that, when requested, I will, without charge to GREAT WALL, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the invention(s) in any and all countries and for vesting title thereto in GREAT WALL, its successors, assigns, and legal representatives or nominees.

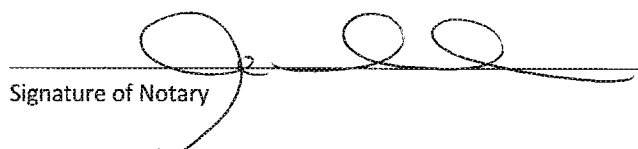
I covenant with GREAT WALL, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

  
\_\_\_\_\_  
Signature for SAMUEL J. ANDERSON

STATE OF ARIZONA )  
COUNTY OF MARICOPA )

I, ANN MARIE OWEN, a Notary Public in and for the County and State aforesaid, do hereby certify that SAMUEL J. ANDERSON, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 15<sup>th</sup> day of January, 2013.

  
\_\_\_\_\_  
Signature of Notary



**PATENT**  
**REEL: 029670 FRAME: 0452**

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, DAVID N. OKADA of Chandler, Arizona, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto GREAT WALL SEMICONDUCTOR CORPORATION (GREAT WALL), a Corporation of the State of Delaware, having its principal office in Tempe, Arizona, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled SEMICONDUCTOR DEVICE AND METHOD OF FORMING A POWER MOSFET WITH INTERCONNECT STRUCTURE TO ACHIEVE LOWER RDSON, which is described, illustrated, and claimed in any patent application under Attorney Docket No. 1684.0026, together with the entire right, title and interest in and to the application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may issue upon such application(s).

I hereby sell, assign, and transfer unto GREAT WALL, the entire right, title, and interest in and to application(s) for patent filed in all countries foreign to the United States, and in and to application(s) for patent filed under any and all international conventions and treaties, and in and to any patent issuing therefrom, which describe, illustrate, and claim the above-identified invention(s). I hereby also sell, assign, and transfer unto GREAT WALL, the entire right, title, and interest in and to all rights under any and all international conventions and treaties in respect of the above-identified invention(s). I authorize GREAT WALL to apply for patent in foreign countries directly in its own name, and to claim the priority of the filing date under the provisions of any and all domestic laws and international conventions and treaties.

I hereby authorize and request the government authority in the United States to issue patent(s) upon the aforesaid application, continuation, division, reissue, reexamination, extension, renewal, or substitute, to GREAT WALL, for the sole use and behalf of GREAT WALL, its successors, assigns, and legal representatives, to the full end of the term for which the patent(s) may be granted, the same as they would have been held and enjoyed by me had this assignment not been made. I authorize and request the equivalent authorities in countries foreign to the United States to issue the patents of their respective countries to and in the name of GREAT WALL in the same manner.

I agree that, when requested, I will, without charge to GREAT WALL, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the invention(s) in any and all countries and for vesting title thereto in GREAT WALL, its successors, assigns, and legal representatives or nominees.

I covenant with GREAT WALL, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.



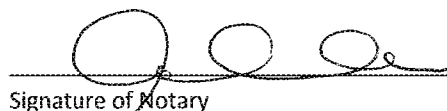
Signature for DAVID N. OKADA

STATE OF ARIZONA )  
COUNTY OF MARICOPA )

I, ANN MARIE OWEN

, a Notary Public in and for the County and State aforesaid, do hereby certify that DAVID N. OKADA, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 15<sup>th</sup> day of January, 2013.

  
Signature of Notary

PATENT

REEL: 029670 FRAME: 0453

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, PATRICK M. SHEA of Oviedo, Florida, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto GREAT WALL SEMICONDUCTOR CORPORATION (GREAT WALL), a Corporation of the State of Delaware, having its principal office in Tempe, Arizona, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled SEMICONDUCTOR DEVICE AND METHOD OF FORMING A POWER MOSFET WITH INTERCONNECT STRUCTURE TO ACHIEVE LOWER RDSON, which is described, illustrated, and claimed in any patent application under Attorney Docket No. 1684.0026, together with the entire right, title and interest in and to the application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may issue upon such application(s).

I hereby sell, assign, and transfer unto GREAT WALL, the entire right, title, and interest in and to application(s) for patent filed in all countries foreign to the United States, and in and to application(s) for patent filed under any and all international conventions and treaties, and in and to any patent issuing therefrom, which describe, illustrate, and claim the above-identified invention(s). I hereby also sell, assign, and transfer unto GREAT WALL, the entire right, title, and interest in and to all rights under any and all international conventions and treaties in respect of the above-identified invention(s). I authorize GREAT WALL to apply for patent in foreign countries directly in its own name, and to claim the priority of the filing date under the provisions of any and all domestic laws and international conventions and treaties.

I hereby authorize and request the government authority in the United States to issue patent(s) upon the aforesaid application, continuation, division, reissue, reexamination, extension, renewal, or substitute, to GREAT WALL, for the sole use and behalf of GREAT WALL, its successors, assigns, and legal representatives, to the full end of the term for which the patent(s) may be granted, the same as they would have been held and enjoyed by me had this assignment not been made. I authorize and request the equivalent authorities in countries foreign to the United States to issue the patents of their respective countries to and in the name of GREAT WALL in the same manner.

I agree that, when requested, I will, without charge to GREAT WALL, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the invention(s) in any and all countries and for vesting title thereto in GREAT WALL, its successors, assigns, and legal representatives or nominees.

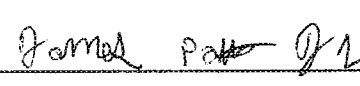
I covenant with GREAT WALL, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

  
Signature for PATRICK M. SHEA

STATE OF FLORIDA )  
COUNTY OF SEMINOLE )

I, James Potts Jr, a Notary Public in and for the County and State aforesaid, do hereby certify that PATRICK M. SHEA, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 21 day of January, 2013.

  
Signature of Notary

