

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Robert Beach | 01/31/2007 |
| Zhi He | 01/31/2007 |
| Jianjun Cao | 01/31/2007 |
| RECEIVING PARTY DATA | |
| Name: | International Rectifier Corporation |
| Street Address: | 101 N. Sepulveda Blvd. |
| City: | El Segundo |
| State/Country: | CALIFORNIA |
| Postal Code: | 90245 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13160211 |
| CORRESPONDENCE DATA | |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
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| Correspondent Name: | Michael Farjami |
| Address Line 1: | 26522 La Alameda Ave., Suite 360 |
| Address Line 4: | Mission Viejo, CALIFORNIA 92691 |
| ATTORNEY DOCKET NUMBER: | 0400136C |
| NAME OF SUBMITTER: | Michael Farjami |
| Total Attachments: 1 source=0400136C Assignment for 13160211#page1.tif | |

OP \$40.00 13160211

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PATENT
REEL: 026444 FRAME: 0143

WHEREAS, We, Robert Beach, Zhi He and Jianjun Cao, as assignors, have invented certain improvements in III-NITRIDE SEMICONDUCTOR DEVICE for which an application for United States Letters Patent has been executed by me (us) of even date herewith; and

WHEREAS, INTERNATIONAL RECTIFIER CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having a principal place of business at 233 Kansas Street, El Segundo, California 90245 as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

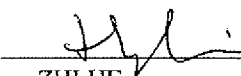
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 1-31-07



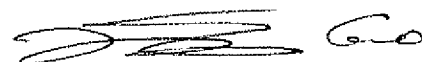
ROBERT BEACH

Date: 1-31-07



ZHI HE

Date: 1-31-07

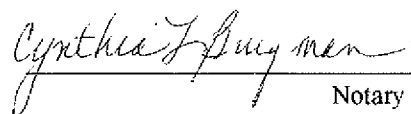
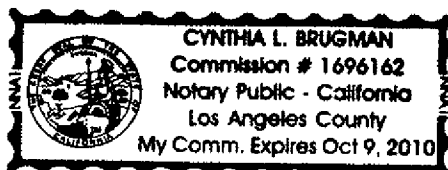


JIANJUN CAO

STATE OF CALIFORNIA)

COUNTY OF LOS ANGELES)

This 31 day of January, 2007, before me Cynthia L. Brugman, Notary Public personally appear Robert Beach, Zhi He, Jianjun Cao,
☒ personally known to me ☐ prove to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that he/she/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Notary Public - Seal