

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Ashita Mirchandani</td> <td>02/19/2013</td> </tr> <tr> <td>Timothy D. Henson</td> <td>02/19/2013</td> </tr> <tr> <td>Ling Ma</td> <td>02/21/2013</td> </tr> <tr> <td>Niraj Ranjan</td> <td>02/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ashita Mirchandani	02/19/2013	Timothy D. Henson	02/19/2013	Ling Ma	02/21/2013	Niraj Ranjan	02/21/2013
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Ashita Mirchandani	02/19/2013										
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Niraj Ranjan	02/21/2013										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13793926</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13793926						
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Application Number:	13793926										
CORRESPONDENCE DATA											
Fax Number:	9492821002										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	949-282-1000										
Email:	docketing@farjami.com										
Correspondent Name:	Michael Farjami										
Address Line 1:	26522 La Alameda Ave., Suite 360										
Address Line 4:	Mission Viejo, CALIFORNIA 92691										
ATTORNEY DOCKET NUMBER:	0400696										
NAME OF SUBMITTER:	Michael Farjami										
Total Attachments: 3 source=0400696 Assignment for 13 793,926#page1.tif source=0400696 Assignment for 13 793,926#page2.tif source=0400696 Assignment for 13 793,926#page3.tif											

OP \$40.00 13793926

ASSIGNMENT

WHEREAS, I/WE:

INVENTOR NAME	INVENTOR RESIDENCE ADDRESS
Ashita Mirchandani	2749 Gramercy Ave.; Torrance, CA 90501
Timothy D. Henson	2003 Gramercy Ave.; Torrance, CA 90501
Ling Ma	2210 Pullman Lane B; Redondo Beach, CA 90278
Niraj Ranjan	642 W Walnut Ave; El Segundo, CA 90245

have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled "TRENCH FET WITH RUGGEDNESS ENHANCEMENT REGIONS," filed herewith, or filed on 3/11/2013, Serial No. 13/793,926, and identified by Docket No. 0400696 in the offices of FARJAMI & FARJAMI LLP;

AND WHEREAS INTERNATIONAL RECTIFIER CORPORATION, a Delaware corporation (hereinafter, together with any successors, legal representatives and assigns thereof, called "Assignee"), wants to acquire the entire right, title, and interest in and to said improvements and application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/WE have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor(s) certificates, and the like), heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals, and reissues thereof) granted for said improvements in any foreign countries; and I/WE hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment.

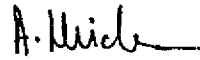
Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patents to Assignee.

Each of the undersigned hereby authorizes the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

Each of the undersigned warrants himself/herself to be the owner of the entire right, title and interest in said invention or improvements and to have the full right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned, and will not execute any agreement in conflict herewith;

AND I/WE HEREBY further covenant and agree that I/WE will communicate to Assignee any facts known to me/us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, re-examination, extension, substitute and reissue applications, make all rightful oaths, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

I hereunto set my hand this 19th day of February, 2013



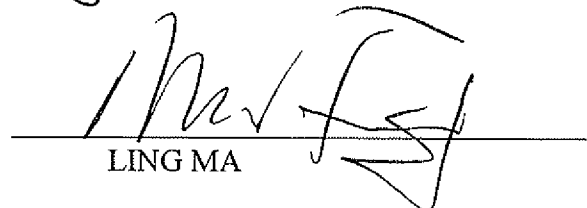
ASHITA MIRCHANDANI

I hereunto set my hand this 19th day of February, 2013.



TIMOTHY D. HENSON

I hereunto set my hand this 21st day of February, 2013.



LING MA

I hereunto set my hand this 21 day of February 2013

Niraj Ranjan
NIRAJ RANJAN