

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Aram Arzumanyan	12/17/2009
Timothy D. Henson	12/18/2009
Ling Ma	12/18/2009
<b>RECEIVING PARTY DATA</b>	
Name:	International Rectifier Corporation
Street Address:	101 N. Sepulveda Blvd.
City:	El Segundo
State/Country:	CALIFORNIA
Postal Code:	90245
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12655668
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(949)282-1002
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	949-282-1000
Email:	msweda@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:	0400595
NAME OF SUBMITTER:	Michael Farjami
Total Attachments: 2 source=0400595 Assignment for 12655668#page1.tif source=0400595 Assignment for 12655668#page2.tif	

OP \$40.00 12655668

501085268

**PATENT**  
 REEL: 023898 FRAME: 0527

**ASSIGNMENT**

WHEREAS, I/WE:

INVENTOR NAME	INVENTOR RESIDENCE ADDRESS
Aram Arzumanyan	412 Cambridge Drive; Burbank, CA 91504
Timothy D. Henson	2003 Gramercy Ave.; Torrance, CA 90501
Ling Ma	2210 Pullman Lane B; Redondo Beach, CA 90278

have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled "SEMICONDUCTOR DEVICE INCLUDING A VOLTAGE CONTROLLED TERMINATION STRUCTURE AND METHOD FOR FABRICATING SAME," filed herewith, or filed on January 4, 2010, Serial No. 12/655,668, and identified by Docket No. 0400595 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 17 day of December, 2009.

  
ARAM ARZUMANYAN

I hereunto set my hand this 18 day of December, 2009.

  
TIMOTHY D. HENSON

I hereunto set my hand this 18 day of December, 2009.

  
LING MA