

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>Todd Vacca</td><td>05/31/2007</td></tr><tr><td>Seungbeom Kevin Kim</td><td>05/31/2007</td></tr><tr><td>Jason Zhang</td><td>05/31/2007</td></tr></tbody></table>		Name	Execution Date	Todd Vacca	05/31/2007	Seungbeom Kevin Kim	05/31/2007	Jason Zhang	05/31/2007
Name	Execution Date								
Todd Vacca	05/31/2007								
Seungbeom Kevin Kim	05/31/2007								
Jason Zhang	05/31/2007								
RECEIVING PARTY DATA									
Name:	International Rectifier Corporation								
Street Address:	233 Kansas Street								
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>11757181</td></tr></tbody></table>		Property Type	Number	Application Number:	11757181				
Property Type	Number								
Application Number:	11757181								
CORRESPONDENCE DATA									
Fax Number: (212)382-0888 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 2123820700									
Email: jharting@ostrolenk.com									
Correspondent Name: Ostrolenk, Faber, Gerb & Soffen, LLO									
Address Line 1: 1180 Avenue of the Americas									
Address Line 2: Louis C. Dujmich									
Address Line 4: New York, NEW YORK 10036									
ATTORNEY DOCKET NUMBER:	IR-2477 (2-6115) V4164								
NAME OF SUBMITTER:	Louis C. Dujmich								
Total Attachments: 1 source=00844916#page1.tif									

OP \$40.00 11757181

PATENT

500289699

REEL: 019381 FRAME: 0313

PATENT APPLICATION ASSIGNMENT -
SOLE / JOINT INVENTORS

OFGS FILE NO. IR-3477 (2-6115)

WHEREAS, we, Seungbeom Kevin Kim, Todd Vacca and Jason Zhang as assignors, have invented certain improvements in INTELLIGENT DEAD TIME CONTROL for which an application for United States Letters Patent has been executed by us of even date herewith; and

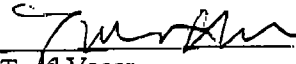
WHEREAS, INTERNATIONAL RECTIFIER CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having a principal place of business at 233 Kansas Street, El Segundo, California 90245 as assignee, is desirous of acquiring all right, title and interest in and to said invention 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, we, as assignors, 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 ourselves and our 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.

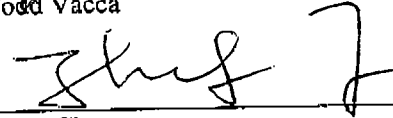
Date: 5-31-07


Seungbeom Kevin Kim

Date: 5-31-07


Todd Vacca

Date: 5-31-07

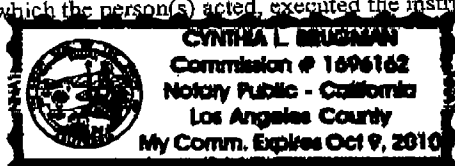

Jason Zhang

State of California)

) ss.:


County of)

This 31 day of May, 2007, before me Cynthia L. Brueman, Notary Public
personally appear Jason Zhang & Todd Vacca
☒ 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/they executed the instrument the person(s), or the entity upon behalf
of which the person(s) acted, executed the instrument.



(00842329.1)

WITNESS my hand and official Seal.


Cynthia L. Brueman
Notary Public - Seal