PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert J. Therrien	06/21/2007
Jerry W. Johnson	06/21/2007
Allen W. Hanson	06/21/2007

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:	13303075

CORRESPONDENCE DATA

 Fax Number:
 (949)282-1002

 Phone:
 949-282-1000

Email: docketing@farjami.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Michael Farjami

Address Line 1: 26522 La Alameda Ave., Suite 360
Address Line 4: Mission Viejo, CALIFORNIA 92691

ATTORNEY DOCKET NUMBER:	0400632CD
NAME OF SUBMITTER:	Michael Farjami

Total Attachments: 4

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PATENT REEL: 027270 FRAME: 0078 OF \$40.00 13303075

<u>ASSIGNMENT</u>

For good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned hereby:

- Sell, assign and transfer to Nitronex Corporation, a North Carolina corporation having a 1. place of business at 2305 Presidential Drive, Durham, NC 27703, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on December 4, 2006 under Serial No. 11/634,332, bearing Attorney Docket No. N0400.70046US01, and entitled GALLIUM NITRIDE MATERIAL DEVICES INCLUDING CONDUCTIVE REGIONS AND METHODS ASSOCIATED WITH THE SAME, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally. and in any foreign country on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority:
- 2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;
- 3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation; and
- 5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

This instrument is executed under seal.

PATENT REEL: 027270 FRAME: 0079 Date

Inventor: Robert J. Therrien

Address: 1466 Big Leaf Loop
Apex, NC 27502

Citizenship: US

STATE/COMMONWEALTH OF North Carolina:

COUNTY OF Survivam:

Sworn to and subscribed before me on this 21 day of June, 200 funder the pains and penalties of perjury under the laws of the United States of America.

SEAL Notary Public

My commission expires 8.21.2010

Date Inventor: Jerry W. Johnson

Address: 7309 Ridgeline Drive Ralelgh, NC 27613

Citizenship: US

STATE/COMMONWEALTH OF Carolina:

COUNTY OF Dur ham:

Sworn to and subscribed before me on this day of day of day of day of perjury under the laws of the United States of America.

SEA Notary Public

My commission expires 8.21.2010

RECORDED: 11/22/2011

6/21/07	aller W. Hanson
Date Inventor:	Allen W. Hanson
Address:	102 Ballatore Court Cary, NC 27516
Citizenship:	US
STATE/COMMONWEALTH OF North Cay	olina:
Sworn to and subscribed before me on this Otal day of of perjury under the laws of the United States of America	Jule, 2007 under the pains and penalties
SEAL Malea & Mohaned Notary Public	
My commission expires 8-21-2010	The state of the s