

11-09-2005



IR-2702 (2-3940)

PATEI

103116169 COVER SHEET

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

11-2-05

1. Name of conveying party(ies):
 Richard Francis
 Chiu Ng
 Type of Entity: Individual
 Additional names(s) of conveying party(ies) attached? No

2. Name and Address of receiving party(ies):
 International Rectifier Corporation
 233 Kansas Street
 El Segundo, CA 90245
 Type of Entity: Corporation-Delaware
 Additional name(s) & address(es) attached? No

3. Nature of Conveyance:
 Assignment
 Execution Date: September 27, 2005 and October 12, 2005, respectively

October 23, 2005 and October 12, 2005, respectively

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is:

October 23, 2005 and October 12, 2005, respectively

A. Application No.(s)
 Additional numbers attached? No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of documents involved: 1

OSTROLENK, FABER, GERB & SOFFEN, LLP
 1180 Avenue of the Americas
 New York, New York 10036-8403

7. Total fee (37 CFR 3.41):
 Enclosed
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\$ 40.00

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8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kourosch Salehi
 Name of Person Signing

Kourosch Salehi
 Signature

November 2, 2005
 Date

Total number of pages including cover sheet, attachments, and document: 3

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04 FC:8021

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PATENT
 REEL: 017190 FRAME: 0612

WHEREAS, we, Richard Francis and Chiu Ng as assignors, have invented certain improvements in TRENCH IGBT WITH DEPLETION STOP LAYER for which an application for United States Letters Patent has been executed by me 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 or reissue 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: Sept 27, 2005

Richard Francis
Richard Francis

Date: _____

Chiu Ng

State of California
County of Los Angeles

On _____ before me _____

personally appeared _____,

personally known to me -- OR -- proved 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 by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

WHEREAS, we, Richard Francis and Chiu Ng as assignors, have invented certain improvements in TRENCH IGBT WITH DEPLETION STOP LAYER for which an application for United States Letters Patent has been executed by me 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.

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Date: _____

Richard Francis

Date: 10/12/05

Chiu Ng

Chiu Ng

State of California
County of Los Angeles

On October 12, 2005 before me
personally appeared

VERNA KUYKENDALL (NOTARY PUBLIC)
Chiu Ng

personally known to me -- OR -- proved 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 by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Verna Kuykendall
NOTARY PUBLIC

00723495.1

