

09-17-2003

IR-2247 (2-3148)

PATENT



102553488

SHEET

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Stephen Oliver
Hugh Richard

Type of Entity: Individuals

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: November 7, 2002 and November 8, 2002; 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: November 7, 2002 and November 8, 2002

A. Application No.(s)

10/377,683, filed February 28, 2003

B. Patent No.(s)

Additional numbers attached? No

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

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

6. Total number of documents involved: 2

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

Enclosed as part of Check No.

In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

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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.

Brendan J. Kennedy

Name of Person Signing

Signature

September 11, 2003

Date

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

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FINANCE SECTION

09/16/2003 6TON11 00000162 10377683

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PATENT
REEL: 014490 FRAME: 0836

WHEREAS, I, Steve Oliver along with Hugh Richards as assignors, have invented certain improvements in SEMICONDUCTOR PACKAGE FOR SERIES-CONNECTED DIODES 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: 11-07-02

Stephen Oliver
Stephen Oliver

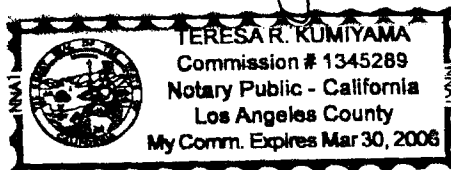
State of California
County of Los Angeles

On November 7, ²⁰⁰² before me Teresa R Kumiyama, Notary Public
personally appeared Stephen Oliver

personally known to me -- OR -- proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ ~~is~~ 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.

Teresa R Kumiyama



**PATENT APPLICATION ASSIGNMENT -
SOLE OR JOINT INVENTORS
EXECUTED OUTSIDE U.S.A.**

OFGS FILE NO. IR-2247 (2-)

I, Hugh Richards, ^{HR} along with Steve Oliver as assignors, have invented certain improvements in SEMICONDUCTOR PACKAGE FOR SERIES-CONNECTED DIODES for which an application for United States Letters Patent has been executed by me (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 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: 8 Nov '02
Hugh Richards ^{HR}

Legalization Recommended

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