

11-15-2004



IR-2570 (2-4121)

PATENTS REGISTRATION

COVER SHEET

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

1. Name of conveying party(ies):

(1) Martin Standing  
 (2) Andrew Sawle  
 (3) Matthew P. Elwin  
 (4) David P. Jones  
 (5) Martin Carroll  
 (6) Ian Glenville Wagstaffe

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, California 90245

Type of Entity: Corporation-Delaware

Additional name(s) &amp; address(es) attached? No

3. Nature of Conveyance:

Assignment

Execution Date: (1) 10/29/04; (2) 10/29/04;  
 (3) 10/20/04; (4) 10/22/04;  
 (5) 10/20/04; (6) 10/21/04

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 29, 2004

A. Application No.(s)

11/09/2004 STEUMEL1 00000037 10982965

01 FC:8021

40.00 OP

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: 1

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

Enclosed as part of Check No. 18021

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.

DO NOT USE THIS SPACE

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.

Samuel H. Weiner

Name of Person Signing

Signature

November 5, 2004

Date

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

22141 U.S. PTO  
10/982965

110504

00676787.1

PATENT  
 REEL: 015975 FRAME: 0093

WHEREAS, we, Martin Standing, Andrew Sawle, Matthew P. Elwin, David P. Jones, Martin Carroll and Ian Glenville Wagstaffe as assignors, have invented certain improvements in SOLDERABLE TOP METALIZATION AND PASSIVATION FOR SOURCE MOUNTED PACKAGE for which an application for United States Letters Patent has been executed by me of even date herewith; and

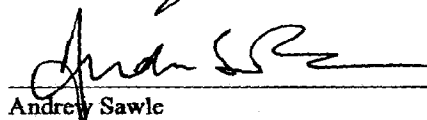
WHEREAS, INTERNATIONAL RECTIFIER CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having a principal place of business at 233 Kansas Street, El Segundo, California 90245 as assignee, is desirous of acquiring all right, title and interest in and to said invention 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: 27th October 2004

  
Martin Standing

Date: 29th October 2004

  
Andrew Sawle

Date: \_\_\_\_\_

Matthew P. Elwin

Date: \_\_\_\_\_

David P. Jones

Date: \_\_\_\_\_

Martin Carroll

Date: \_\_\_\_\_

Ian Glenville Wagstaffe

PATENT APPLICATION ASSIGNMENT -  
JOINT INVENTORS  
EXECUTED OUTSIDE US

OFGS FILE NO. IR-2570 (2-4121)

WHEREAS, we, Martin Standing, Andrew Sawle, Matthew P. Elwin, David P. Jones, Martin Carroll and Ian Glenville Wagstaffe as assignors, have invented certain improvements in SOLDERABLE TOP METALIZATION AND PASSIVATION FOR SOURCE MOUNTED PACKAGE 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: \_\_\_\_\_

\_\_\_\_\_  
Martin Standing

Date: \_\_\_\_\_

\_\_\_\_\_  
Andrew SawleDate: 20/04/04Matthew P. Elwin  
Matthew P. ElwinDate: 22/04/04D.P. Jones  
David P. JonesDate: 20/10/04Martin Carroll  
Martin CarrollDate: 21/10/04Ian Glenville Wagstaffe  
Ian Glenville Wagstaffe

00660479.1