



02-09-2004

2/2/04



102664936

IR-2238 (2-3706)

### PATENTS RECORDATION 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. Ling Ma                      6. Naresh Thapar 2. Adam Amali                7. Ritu Sodhi 3. Siddharth Kiyawat        8. Kyle Spring 4. Ashita Mirchandani       9. Daniel Kinzer 5. Donald He  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: 1. 1/26/04; 2. 1/26/04; 3. 1/26/04; 4. 1/26/04; 5. 1/26/04; 6. 1/26/04; 7. 1/26/04; 8. 1/27/04; and 9. 1/26/04, 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:			
A. Application No.(s) 10/674,444		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. 14066	
02/04/2004 HVAJONG1 00000048 10674444 02 FC:8021 40.00 DP		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.			
Kourosh Salehi Name of Person Signing		 Signature	
		January 29, 2004 Date	
Total number of pages including cover sheet, attachments, and document: 4			

00644258.1

WHEREAS, we, LING MA, ADAM AMALI, SIDDHARTH KIYAWAT, ASHITA MIRCHANDANI, DONALD HE, NARESH THAPAR, RITU SODHI, KYLE SPRING and DANIEL KINZER as assignors, have invented certain improvements in SEMICONDUCTOR DEVICE PROCESSING for which an application for United States Letters Patent was executed by us and received a filing date of September 29, 2003 under Serial No. 10/674,444; 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.

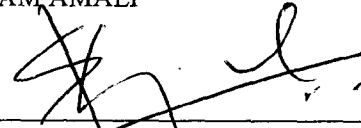
Date: Jan 26, 2004

  
LING MA

Date: 1/26/04

  
ADAM AMALI


Date: 1/26/04

  
SIDDHARTH KIYAWAT


Date: 1/26/04

  
ASHITA MIRCHANDANI

Date: 1/26/04

  
DONALD HE

Date: 1/26/04

  
NARESH THAPAR

Date: 1/26/04

Ritu Sodhi  
RITU SODHI

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

KYLE SPRING

Date: 1/26/04

Daniel Kinzer  
DANIEL KINZER

State of California  
County of Los Angeles

On JAN 26, 2004 before me, VERNA KUYKENDALL, NOTARY PUBLIC,  
personally appeared \* SEE BELOW

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.



\* LING MA  
ADAM AMALI  
SIDDHARTHA KIYAWAT  
ASHITA MIRCHANDANI  
DONALD HE  
NARESH THAPAR  
RITU SODHI  
DANIEL KINZER

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

RITU SODHI

Date: 1/27/04

Kyle Spring  
KYLE SPRING

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

DANIEL KINZER

State of California  
County of Los Angeles

On 01-27-04 before me E. M. Penn

personally appeared Kyle Spring

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.  
E. M. Penn  
01-27-04

