

03-08-2002

IR-1821 (2-2833)



PATE

102007845

ER SHEET

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

1. Name of conveying party(ies):

Kyle Spring  
Jianjun Cao  
Thomas Herman

02/26/02

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

Corporation of Delaware

Additional name(s) & address(es) attached? NO

3. Nature of conveyance:

Assignment

Execution Date: February 25, 2002

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: February 25, 2002

A. Application No.(s)

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. 3552

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.

Samuel H. Weiner  
Name of Person Signing

*Samuel H. Weiner*  
Signature

February 26, 2002  
Date

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

31011 U.S. PTO  
10/083060  
02/26/02

PATENT APPLICATION ASSIGNMENT -  
JOINT INVENTORS

OPOS FILE NO. IR-1821 (2-2833)

WHEREAS, Kyle Spring, Jianjun Cao and Thomas Hartman as assignors, have invented certain improvements in DEPLETION IMPLANT FOR POWER MOSFET 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 renewal 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 recompense, to execute and deliver all divisional, continuation, renewal and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communications to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any law suits or other legal proceedings in which any of said applications or patents may become involved, to sign all legal 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: 2/25/2002

Kyle Spring  
Kyle Spring

Date: 2/25/02

Jianjun Cao  
Jianjun Cao

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

\_\_\_\_\_  
Thomas Hartman

State of California  
County of ~~Los Angeles~~ Riverside

On 2-25-02 before me  
personally appeared

Betty C. Nievar  
Kyle Spring + Jianjun Cao

personally known to me -- OR -- proven 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.  
Betty C. Nievar



