

06-30-2003



IR-2466 (2-3448)

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R 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):

Jason Zhang

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, California 90245

Type of Entity: Corporation of Delaware

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

3. Nature of Conveyance:

Assignment

Execution Date: April 17, 2003

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)

10/406,683

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,  
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6. Total number of documents involved: 1

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8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached  
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Lawrence A Hoffman

Name of Person Signing

Signature

June 20, 2003

Date

Total number of pages including cover sheet, attachments, and document: 2

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PATENT  
REEL: 014208 FRAME: 0902

WHEREAS, I, Jason ZHANG as assignor, have invented certain improvements in SYNCHRONOUS BUCK CONVERTER WITH IMPROVED OUTPUT CURRENT SENSING for which an application for United States Letters Patent has been executed by me of even date herewith; and

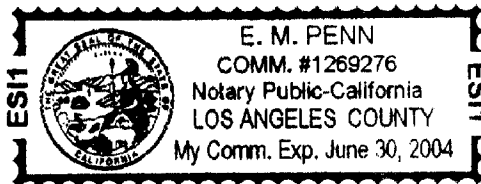
WHEREAS, INTERNATIONAL RECTIFIER CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having a principal place of business at 233 Kansas Street, El Segundo, California 90245 as assignee, is desirous of acquiring all right, title and interest in and to said invention 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: 04-17-03

Jason ZHANG  
Jason ZHANG

State of CALIFORNIA  
County of Los Angeles



On April 17, 2003

personally appeared

before me

[Signature]

Jason Zhang

personally known to me -- OR -- proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.