

3-24-05

03-29-2005



IR-2653 (2-4335)

PATENTS RECO.

102968803

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1. Name of conveying party(ies):

Jun Honda  
Xiao-change Cheng

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) &amp; address(es) attached? No

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Assignment

Execution Date: 3/15/05

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If this document is being filed together with a new application, the execution date of the application is:

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11/013,973

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5. Name and address of party to whom  
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March 22, 2005

Date

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PATENT  
REEL: 016395 FRAME: 0051

PATENT APPLICATION ASSIGNMENT -  
JOINT INVENTORS

OFGS FILE NO. IR-2653 (2-4335)

WHEREAS, we, Jun Honda and Xiao-chang Cheng as assignors, have invented certain improvements in GATE DRIVER WITH LEVEL SHIFT BETWEEN STATIC WELLS WITH NO POWER SUPPLY 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:

3/15/2005Jun Honda

Date:

March 15, 2005Xiao-chang ChengState of California  
County of Los Angeles

On

3/15/05

before me

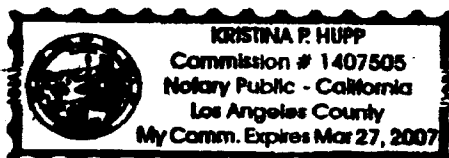
personally appeared

Jun Honda, Xiao-chang Cheng  
Kristina Hupp

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.

Kristina Hupp  
Notary  
00682707.1



RECORDED: 03/24/2005

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