

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Huilong ZHU</td> <td>03/16/2012</td> </tr> <tr> <td>Haizhou YIN</td> <td>03/16/2012</td> </tr> <tr> <td>Zhijiong LUO</td> <td>03/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Huilong ZHU	03/16/2012	Haizhou YIN	03/16/2012	Zhijiong LUO	03/16/2012				
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<table border="1"> <tr> <td>Name:</td> <td>INSTITUTE OF MICROELECTRONICS, CHINESE ACADEMY OF SCIENCES</td> </tr> <tr> <td>Street Address:</td> <td>No. 3 Beitucheng West Road</td> </tr> <tr> <td>Internal Address:</td> <td>Chaoyang District</td> </tr> <tr> <td>City:</td> <td>Beijing</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>100029</td> </tr> </table>		Name:	INSTITUTE OF MICROELECTRONICS, CHINESE ACADEMY OF SCIENCES	Street Address:	No. 3 Beitucheng West Road	Internal Address:	Chaoyang District	City:	Beijing	State/Country:	CHINA	Postal Code:	100029
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CORRESPONDENCE DATA													
Fax Number: (713)228-8778 Phone: 713-228-8600 Email: vega@oshaliang.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: T. Chyau Liang Address Line 1: 909 Fannin St. Address Line 2: Suite 3500 Address Line 4: Houston, TEXAS 77010													
ATTORNEY DOCKET NUMBER:	17266/052001 (VAV)												
NAME OF SUBMITTER:	T. Chyau Liang												
Total Attachments: 2 source=17266_052001_ASSN#page1.tif source=17266_052001_ASSN#page2.tif													

OP \$40.00 13503693

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

INSTITUTE OF MICROELECTRONICS, CHINESE ACADEMY OF SCIENCES

having the following address: **No.3 Beitucheng West Road, Chaoyang District, Beijing 100029, China**

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

OSHALIANG
Intellectual Property Law

3/16/2012
Date

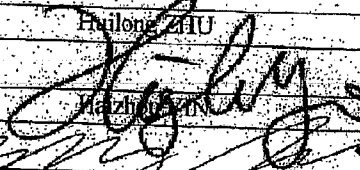
3/16/2012
Date

3/16/2012
Date

3/16/2012
Date



1st Inventor Signature: _____
Print or Type Name: Hailong ZHU

2nd Inventor Signature: 
Print or Type Name: Ma Zhong

3rd Inventor Signature: 
Print or Type Name: Zhijiong LUO

4th Inventor Signature: _____
Print or Type Name: _____

NOTARY PUBLIC

State of _____
County of _____

Before me personally appeared:

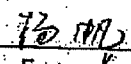
1 st Inventor	2 nd Inventor
2 nd Inventor	4 th Inventor
3 rd Inventor	6 th Inventor
7 th Inventor	8 th Inventor

each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: _____
Notary Public: _____ My commission expires: _____

WITNESSES

3/16/2012
Date
Signature of Witness: 
Print or Type Name: Li Chaolei

3/16/2012
Date
Signature of Witness: 
Print or Type Name: Fan Yang

When this Assignment is not filed concurrently with the patent application,
the following identifying information may be added after execution:
U.S. Application Serial No.: 13/503,693
Filing Date: 24 April 2012

OSHALIANG
Intellectual Property Law