

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Haibo Zhang</td> <td>01/02/2008</td> </tr> <tr> <td>Ligang Jia</td> <td>01/02/2008</td> </tr> </tbody> </table>		Name	Execution Date	Haibo Zhang	01/02/2008	Ligang Jia	01/02/2008
Name	Execution Date						
Haibo Zhang	01/02/2008						
Ligang Jia	01/02/2008						
RECEIVING PARTY DATA							
Name:	Shenzhen STS Microelectronics Co., Ltd.						
Street Address:	52, Tao Hua Road						
Internal Address:	Futian Free Trade Zone						
City:	Senzhen						
State/Country:	CHINA						
Postal Code:	518048						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11970435</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11970435		
Property Type	Number						
Application Number:	11970435						
CORRESPONDENCE DATA							
Fax Number:	(303)899-7333						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	07-SZ-006						
NAME OF SUBMITTER:	William J. Kubida						

CH \$40.00 11970435

Total Attachments: 3
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**PATENT
 REEL: 020327 FRAME: 0975**

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Haibo Zhang - Execution Date: 01/02/2008
Ligang Jia - Execution Date: 01/02/2008

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Shenzhen STS Microelectronics Co. LTD
52, Tao Hua Road Futian Free Trade Zone
Shenzhen, CHINA 518048

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
Attorney Docket No.: 07-SZ-006

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and Address to whom correspondence concerning document should be mailed:

Name: William J. Kubida
Internal Address: Hogan & Hartson LLP
One Tabor Center
1200 17th Street, Suite 1500
Street Address: same as above
City: Denver State: CO Zip: 80202
Phone Number: 719-448-5909
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Email Address: PatentColorado@hhlaw.com

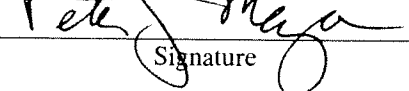
6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit account number 50-1123
Authorized User Name _____

9. Signature : 
Signature

1/7/08
Date

Peter J. Meza
Name of Person signing

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

ASSIGNMENT

WHEREAS, we, Haibo Zhang, having a business address of STMICROELECTRONICS (SHENZHEN) R&D CO., LTD., 4/F, TOWER B, TCL CENTER, SOUTHERN NO.1 ROAD, SOUTH DISTRICT, HI-TECH INDUSTRIAL PARK, NANSHAN, SHENZHEN 518057, P.R.CHINA, and Ligang Jia, having a business address of STMICROELECTRONICS (SHENZHEN) R&D CO., LTD., 4/F, TOWER B, TCL CENTER, SOUTHERN NO.1 ROAD, SOUTH DISTRICT, HI-TECH INDUSTRIAL PARK, NANSHAN, SHENZHEN 518057, P.R.CHINA, have made a certain new and useful invention relating to a ZERO CURRENT DETECTOR FOR A DC-DC CONVERTER, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Docket No. 07-SZ-006 and Client/Matter No. 80408.0175, in the law firm of HOGAN & HARTSON LLP, One Tabor Center, 1200 17th Street, Suite 1500, Denver, Colorado 80202, and which was executed on 2 Jan 2008, assigned serial no. 11/970,435 and

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, Shenzhen STS Microelectronics Co. LTD, 52, Tao Hua Road Futian Free Trade Zone, Shenzhen, CHINA, 518048, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

NOW THEREFORE, upon consideration of our employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, we do hereby sell and assign unto ASSIGNEE, and ASSIGNEE's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the United States and of other countries, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, we do hereby covenant and agree with ASSIGNEE that we will not execute any writing or do any act whatsoever conflicting with this assignment, and that we will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

The undersigned inventor hereby grants the patent practitioners associated with Customer No. 30429 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals on the date hereinafter set forth.

Date: 2, Jan, 2008

Haibo Zhang
Haibo Zhang

Date: 2, Jan, 2008

Ligang Jia
Ligang Jia