

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Zhaoang Yang	09/24/2010
Haiyang Liu	09/24/2010
Zhongxuan Tu	09/24/2010
Jianxin Zhang	09/24/2010

**RECEIVING PARTY DATA**

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**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12892726

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ATTORNEY DOCKET NUMBER:	ST-07-SHI-050
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Total Attachments: 2  
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CH \$40.00 12892726

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**PATENT  
 REEL: 025056 FRAME: 0595**



ASSIGNMENT

WHEREAS, we the undersigned inventors, of residences as listed below, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, and

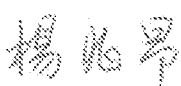
WHEREAS, STMicroelectronics R&D (Shanghai) Co., Ltd., having a principal place of business in Shanghai, ("Assignee") desires to acquire our entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and in and to any applications filed in any foreign country or group of countries based thereon, including the right to file said foreign applications and to claim priority under the provisions of the International convention and any other relevant convention or treaty; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

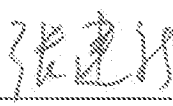
We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents and legal equivalents, including utility models, industrial models and designs for said inventions in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations and generally take all reasonable steps to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year.

TITLE OF INVENTION	System and Method for Short Circuit Protection		
SIGNATURE OF INVENTOR AND NAME	(1) Zhaoang Yang 	(2) Haiyang Liu 	(3) Zhongxian Tu 
DATE	Sept 24, 2010	Sept 24, 2010	Sept. 24, 2010
RESIDENCE (CITY AND STATE)	Shanghai, P.R. China	Shanghai, P.R. China	Shanghai, P.R. China

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year:

TITLE OF INVENTION	System and Method for Short Circuit Protection		
SIGNATURE OF INVENTOR AND NAME	(4) Jianxin Zhang 		
DATE	Sept. 29 2010		
RESIDENCE (CITY AND STATE)	Shanghai, P.R. China		