

PATENT ASSIGNMENT

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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>Thomas Stamm</td><td>10/24/2011</td></tr><tr><td>Jianwen Shao</td><td>10/24/2011</td></tr></tbody></table>		Name	Execution Date	Thomas Stamm	10/24/2011	Jianwen Shao	10/24/2011
Name	Execution Date						
Thomas Stamm	10/24/2011						
Jianwen Shao	10/24/2011						
RECEIVING PARTY DATA							
Name:	STMicroelectronics, Inc.						
Street Address:	1310 Electronics Drive						
Internal Address:	Mail Station 2346						
City:	Carrollton						
State/Country:	TEXAS						
Postal Code:	75006-5039						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13280126</td></tr></tbody></table>		Property Type	Number	Application Number:	13280126		
Property Type	Number						
Application Number:	13280126						
CORRESPONDENCE DATA							
Fax Number:	(214)999-3119						
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Email:	kbreeze@gardere.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:	Andre M. Szuwalski						
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Address Line 2:	1601 Elm Street, Suite 3000						
Address Line 4:	DALLAS, TEXAS 75201-4761						
ATTORNEY DOCKET NUMBER:	328940-1356 (AMS/TSD/KB)						
NAME OF SUBMITTER:	Andre M. Szuwalski						
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif							

OP \$40.00 13280126

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PATENT
REEL: 027113 FRAME: 0010

CUSTOMER NO. 30430

ASSIGNMENT

Attorney Docket: 10-SCH-087 (328940-1356)

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, by joint co-inventors, Thomas Stamm and Jianwen Shao (hereinafter Assignors), residing at 6215 N. Moody Ave., Chicago, Illinois 60646; and 4911 Turnberry Dr., Hoffman Estates, Illinois 60010; respectively;

WHEREAS, Assignors have invented certain new and useful improvements in **PRIMARY-SIDE REGULATION OF OUTPUT CURRENT IN A LINE-POWERED LED DRIVER**, set forth in the attached application for Letters Patent of the United States; and

WHEREAS, STMicroelectronics, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 1310 Electronics Drive, Mail Station 2346, Carrollton, Texas 75006-5039 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the inventions and the Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is acknowledged, Assignors have sold, assigned, transferred and set over, and do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of the application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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AND for the same consideration, Assignors represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the inventions and application for Letters Patent above-mentioned, and that same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey same in the manner set forth in this Assignment.

AND for the same consideration, Assignors covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, does advise: that any proceeding in connection with the inventions, or Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for the inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors request the Commissioner of Patent and Trademarks to issue Letters Patent of the United States to Assignee, as Assignee of inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on 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:

STMICROELECTRONICS, INC.

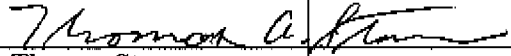
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All practitioners at Customer Number 30430

AND Assignors acknowledge an obligation of assignment of this invention to
Assignee at the time the invention was made.

Date: OCT. 24, 2011 Signature: 
Thomas Stamm

Date: 10/24/2011 Signature: 
Jianwen Shao