PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Frederic BONVIN	10/16/2009	

RECEIVING PARTY DATA

Name:	STMicroelectronics, Inc.
Street Address:	1310 Electronics Drive
City:	Carrollton
State/Country:	TEXAS
Postal Code:	75006

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12580748	

CORRESPONDENCE DATA

Fax Number: (425)455-1046

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 425455575

Email: cmckee@graybeal.com
Correspondent Name: Kevin D. Jablonski
Address Line 1: 400 - 108th Avenue NE

Address Line 2: Suite 700

Address Line 4: Bellevue, WASHINGTON 98004

ATTORNEY DOCKET NUMBER: 1678-078-03

NAME OF SUBMITTER: Kevin D. Jablonski

Total Attachments: 2

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PATENT REEL: 023628 FRAME: 0965

ASSIGNMENT OF INVENTION

valuable consideration the adequacy and receipt of which are hereby acknowledged,
ASSIGNOR <u>Frederic BONVIN</u> residing or having a principal place of business at <u>4128 Frederick Circle, Longmont, CO 80503</u> , and a citizen or juristic entity of <u>CH</u> ,
hereby sells, assigns, and transfers to:
ASSIGNEE <u>STMicroelectronics, Inc.</u> residing or having a principal place of business at <u>1310 Electronics Drive, Carrollton, TX 75006</u> , and a citizen or juristic entity of <u>USA</u> .
and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest in the United States and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled REDUCING THE SPECTRAL ENERGY OF TORQUE RIPPLE and which is found in United States patent application serial number, filed onOctober 16, 2009 (if not present when this instrument is executed, applicant's attorney or agent is authorized to enter the application serial number and filing date upon receipt of the same from the United States Patent and Trademark Office), and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent from any reissue or re-examination thereof

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts, documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to the ASSIGNOR and the ASSIGNOR will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce said application, said invention, and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

REEL: 023628 FRAME: 0966

ASSIGNORS:				
Name: Frederic BONVIN		>>>>		
Signature:		·····		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
EXECUTED ON, and effective from this atat		_day of _	044	2009
l hereby declare that I was personally prese personally known to me to be the person no the same on this <u>// h</u> day of <u>Or foles</u> for the purpose therein expressed at the fol	amed in the	assignm	ient, duly sign a _, 2009 of his ov	nd execute vn free will
WINESS Name: Chris Zek				
Name:///\s				
Signature: / //////////////////////////////////				

RECORDED: 12/09/2009