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	11/18/2009

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:	12620929

CORRESPONDENCE DATA

Fax Number: (425)455-1046

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

Phone: 425-455-5575

Email: cmckee@graybeal.com

Correspondent Name: Kevin

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Address Line 2: Suite 700

Address Line 4: Bellevue, WASHINGTON 98004

ATTORNEY DOCKET NUMBER: 1678-077-03

NAME OF SUBMITTER: Kevin D. Jablonski

Total Attachments: 2

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PATENT REEL: 023628 FRAME: 0897

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration the adequacy and receipt of which are hereby acknowledged,
ASSIGNOR_Frederic BONVIN residing or having a principal place of business at 4128 Frederick Circle, Longmont, CO, 80503_, and a citizen or juristic entity ofSwitzerland_,
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>United States</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 ASYMMETRICAL DRIVER and which is found in United States patent application serial number, filed onNovember 18, 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 reexamination 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.

PATENT REEL: 023628 FRAME: 0898

ASSIGNORS:
Name: Frederic BONVIN
Signature: 2
EXECUTED ON, and effective from this day of
I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be the person named in the assignment, duly sign and execute the same on this _/g/* day of
WINESS
Name: Chris Zek
Signature: /d/mai." "Add"

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RECORDED: 12/09/2009