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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PengFei ZHU	07/04/2013
HongXia SUN	07/04/2013
YongQiang WU	07/04/2013
Elio GUIDETTI	07/04/2013

RECEIVING PARTY DATA

Name:	STMicroelectronics (Beijing) R&D Company Ltd.	
Street Address:	East Unit, 1/F, Sigma Building	
Internal Address:	P.O. 49 Zhichun Road Haidian District	
City:	Beijing	
State/Country:	CHINA	
Postal Code:	100080	

Name:	STMicroelectronics, S.r.l.
Street Address:	Via C. Olivetti, 2
City:	Agrate Brianza (MB)
State/Country:	ITALY
Postal Code:	20041

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13936886

CORRESPONDENCE DATA

7194485922 Fax Number:

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

Phone: 719-448-5947

Email: patentcoloradosprings@hoganlovells.com

Hogan Lovells US LLP Correspondent Name:

PATENT

REEL: 030753 FRAME: 0361

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	2 North Cascade Avenue, Ste. 1300 Colorado Springs, COLORADO 80903	
ATTORNEY DOCKET NUMBER:	11-BJ-0647US01	
NAME OF SUBMITTER:	Peter J. Meza	
Signature:	/Peter J. Meza/	
Date:	07/08/2013	
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FORM PT (Rev. 03-09)	ro-1595 RECORDATION FO	RM COVER SHEET U.S. Department of Commerce U.S. Patent and Trademark Office
	51-0027 (exp. 03/31/2009) PATENTS O	
	To the Director of the U.S. Patent and Trademark Office: Please	se record the attached documents or the new address(es) below.
1.	Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
Additiona	PengFei ZHU - Execution Date: 07/04/2013 HongXia SUN - Execution Date: 07/04/2013 YongQiang WU - Execution Date: 07/04/2013 Elio GUIDETTI - Execution Date: 07/04/2013 I name(s) of conveying party(ies) attached? Yes No	STMicroelectronics (Beijing) R&D Company Ltd. East Unit, 1/F, Sigma Building P.O. 49 Zhichun Road Haidian District Beijing 100080 CHINA AND STMicroelectronics, S.r.l. Via C. Olivetti, 2 20041 Agrate Brianza (MB) - Italy
		Additional name(s) & address(es) attached? Yes No
3.	Nature of conveyance Assignment	
4.	Application or patent number(s):	This document is being filed together with a new application.
	A. Patent Application No.(s)	B. Patent No.(s)
	Attorney Docket No.: 11-BJ-0647US01	
	Additional numbers at	tached? 🗌 Yes 🔀 No
5.	Name and Address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: I
	Name: William J. Kubida Internal Address: Hogan Lovells US LLP Two North Cascade Avenue, Suite 1300 Street Address: same as above City: Colorado Springs State: CO Zip: 80903 Phone Number: 719-448-5909 Fax Number: 719-448-5922 Email Address: patentcoloradospring@hoganlovells.com	7. Total fee (37 CFR 1.21(h) & 3.41)
		8. Payment Information Deposit account number50-1123
		Authorized User Name

9. Signature: The Signature Date

Peter J. Meza

Name of Person signing

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

ASSIGNMENT

Application Number: 13 936 886

Application Country/Region: US

Application Title: MODIFIED BALANCED THROUGHPUT DATA-PATH ARCHITECTURE

FOR SPECIAL CORRELATION APPLICATIONS

Assignee: STMicroelectronics R&D CO. (BEIJING)

Assignee being a company, corporation, or juristic entity of: CN

Assignee's principal place of business: East Unit, 1/F, Sigma Building, P.O. 49 Zhichun Road

Haidian District, Beijing 100080 CHINA

Assignee: STMicroelectronics, S.r.l.

Assignce being a company, corporation, or juristic entity of: IT

Assignee's principal place of business: Via C. Olivetti, 2 - 20041 Agrate Brianza (MB) - Italy

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

I hereby further agree to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, I agree to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

I hereby grant Assignee, along with the following Assignee representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document any place in the world: All practitioners at Customer Number 30429.

If there are co-inventors listed below, the signatures of all the inventors need not appear on the same page, and each inventor may sign this Assignment in multiple counterparts, such that each separately signed counterpart of this Assignment constitutes an original Assignment for the inventor(s) that signed such counterpart.

ST Docket Number: 11-BJ-0647US01

PATENT REEL: 030753 FRAME: 0364

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Inventor Name	Residence (City, State, Country)	Inventor Signature	Date Signed
PengFei ZHU	Room 08, 12B/F, Yingu Building No. 9 Northwest Fourth Ring Road Bejing, Haidian District, 100190 China	Persfei 211V	7/4/2013
HongXia SUN	No. 9 Northwest Fourth Ring Road Bejing, Haidian District, 100190 China	Horgxin Sun	7/4/2013
YongQiang WU	Room 107, Building 2 Jianxiangyuan No. 209 Middle-north 4th Ring Road, Haidian District, Bejing, 10083 China	Long grony Wil	7/4/2013
Elio GUIDETTI	Via Don Bosco I Montano Lucino, 22070 Italy	Scant	7/4/2013

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