

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STMicroelectronics Pvt Ltd.	08/15/2013
RECEIVING PARTY DATA	
Name:	STMicroelectronics International N.V.
Street Address:	WTC Schiphol Airport, Schiphol Boulevard 265
Internal Address:	1118BH Schiphol Airport
City:	Amsterdam
State/Country:	NETHERLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12630668
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	08-IND-077US01
NAME OF SUBMITTER:	Peter J. Meza
Signature:	/Peter J. Meza/
Date:	08/26/2013
Total Attachments: 2 source=DOC023#page1.tif source=DOC023#page2.tif	

CH \$40.00 12630668

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies):</p> <p>STMicroelectronics Pvt Ltd. – Execution Date: 8/15/2013</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Name and address of receiving party(ies)</p> <p>STMicroelectronics International N.V. WTC Schiphol Airport, Schiphol Boulevard 265 1118BH Schiphol Airport, Amsterdam, Netherlands</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of conveyance/Execution Date(s):

Execution Date(s) _____

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) **12/630,668**
Attorney Docket No.: 08-IND-077US01

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and Address of party to whom correspondence concerning document should be mailed:

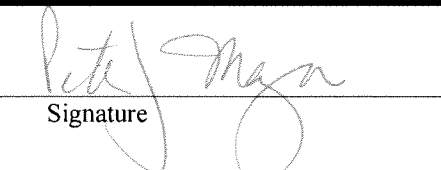
Name: William J. Kubida
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Two North Cascade Avenue, Suite 1300
Street Address: same as above
City: Colorado Springs State: CO Zip: 80903
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Email Address: patentcoloradosprings@hoganlovells.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41)..... \$ 40.00

Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Deposit Account Number: 50-1123
Authorized User Name: _____

9. Signature:  8/23/2013
Signature Date
Peter J. Meza
Name of Person signing

Total number of pages including cover sheet, attachments, and documents: 2

ASSIGNMENT

Application Number: 12/630,668

Application Country/Region: US

Application Title: **SYSTEM AND METHOD FOR OPTIMIZING ELECTRICAL POWER CONSUMPTION BY CHANGING CPU FREQUENCY INCLUDING STEPS OF CHANGING THE SYSTEM TO A SLOW MODE, CHANGING A PHASE LOCKED LOOP FREQUENCY REGISTER AND CHANGING THE SYSTEM TO A NORMAL MODE**

Assignee: *STMicroelectronics International N.V.*

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

Assignee's principal place of business: *WTC Schiphol Airport, Schiphol Boulevard 265, 1118BH Schiphol Airport, Amsterdam, Netherlands*

WHEREAS, Assignor *STMicroelectronics Pvt Ltd.*, an *India* corporation, was assigned certain rights in and to certain inventions, and application for Letters Patent of the United States entitled **SYSTEM AND METHOD FOR OPTIMIZING ELECTRICAL POWER CONSUMPTION BY CHANGING CPU FREQUENCY INCLUDING STEPS OF CHANGING THE SYSTEM TO A SLOW MODE, CHANGING A PHASE LOCKED LOOP FREQUENCY REGISTER AND CHANGING THE SYSTEM TO A NORMAL MODE**, filed on December 3, 2009 as U.S. Application No. 12/630,668; and

WHEREAS, Assignee *STMicroelectronics International N.V.*, a *Netherlands* corporation, residing or having a principal place of business at *WTC Schiphol Airport, Schiphol Boulevard 265, 1118BH Schiphol Airport, Amsterdam, Netherlands*, 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 to be obtained therefor and thereon worldwide.

Now, therefore, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, Assignor hereby transfers and assigns to Assignee, its legal representatives, successors, and assigns, its 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.

Assignor hereby further agrees 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, Assignor agrees 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.

Assignor hereby grants 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.

Date: August 15, 2013

Signature: _____

Printed Name: Lisa K. Jorgenson

Title: Attorney-in-Fact

ST Docket Number: 08-IND-077US01

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