

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>John Hogeboom</td> <td>12/20/2011</td> </tr> <tr> <td>Hock Khor</td> <td>12/21/2011</td> </tr> <tr> <td>Matteo Traldi</td> <td>12/21/2011</td> </tr> <tr> <td>Anton Pelteshki</td> <td>12/22/2011</td> </tr> </tbody> </table>		Name	Execution Date	John Hogeboom	12/20/2011	Hock Khor	12/21/2011	Matteo Traldi	12/21/2011	Anton Pelteshki	12/22/2011
Name	Execution Date										
John Hogeboom	12/20/2011										
Hock Khor	12/21/2011										
Matteo Traldi	12/21/2011										
Anton Pelteshki	12/22/2011										
RECEIVING PARTY DATA											
Name:	STMicroelectronics (Canada) Inc.										
Street Address:	16 Fitzgerald Road										
City:	Ottawa, Ontario										
State/Country:	CANADA										
Postal Code:	K2H8RY										
Name:	STMicroelectronics Srl										
Street Address:	Via C. Olivetti, 2										
City:	Agrate Brianza										
State/Country:	ITALY										
Postal Code:	20041										
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>13335624</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13335624						
Property Type	Number										
Application Number:	13335624										
CORRESPONDENCE DATA											
Fax Number:	(719)448-5922										
Phone:	719-448-5947										
Email:	patentcoloradosprings@hoganlovells.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:	HOGAN LOVELLS US LLP										

CH \$40.00 13335624

Address Line 1: TWO NORTH CASCADE AVENUE
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Address Line 4: COLORADO SPRINGS, COLORADO 80903

ATTORNEY DOCKET NUMBER:	09-OT-143US02
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NAME OF SUBMITTER:	Yiu F. Au
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Total Attachments: 3 source=DOC075#page1.tif source=DOC075#page2.tif source=DOC075#page3.tif

RECORDATION FORM COVER SHEET

PATENTS ONLY

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

1. Name of conveying party(ies)/Execution Date(s):

John Hogeboom - Execution Date: 12/20/2011
Hock Khor - Execution Date: 12/21/2011
Matteo Traldi - Execution Date: 12/21/2011
Anton Pelteshki - Execution Date: 12/22/2011

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

STMicroelectronics (Canada) Inc.
16 Fitzgerald Road
Ottawa, Ontario K2H8RY
And
STMicroelectronics Srl
Via C. Olivetti, 2
Agrate Brianza, Italy 20041

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance

- 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.

A. Patent Application No.(s)
Attorney Docket No.: 09-OT-143US02

B. Patent No.(s)

Additional numbers attached? Yes No

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

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

6. Total number of applications and patents involved: 1

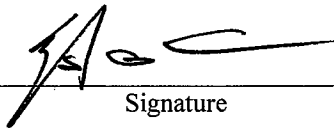
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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

8. Payment Information

Deposit account number 50-1123
Authorized User Name _____

9. Signature : _____



Signature

12/22/11

Date

Yiu F. Au
Name of Person signing

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

A S S I G N M E N T

WHEREAS, we, John Hogeboom, having a residence address of 21 East Adams St., Ottawa, Ontario, Canada K2G0H8, Hock Khor, having a post office address of STMicroelectronics (Canada) Inc., 16 Fitzgerald Road, Nepean, Ontario, K2H 8R6, Matteo Traldi, having a residence address of Via Boncompagni 47, Milano, Italy 20139 and Anton Pelteshki, having a residence address of 80 Lemaistre St., Carleton Place, Ontario, Canada K7C 4K4, have made a certain new and useful invention relating to an **IMPROVEMENTS TO S12 TX FIR ARCHITECTURE**, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Docket No. 09-OT-143US02 and Client/Matter No. 80408.0257, in the law firm of HOGAN LOVELLS US LLP, 2 North Cascade Avenue, Suite 1300, Colorado Springs, Colorado 80903, and which was executed on Dec 20, 2011 and assigned serial no. 13/ 335, 624;

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, STMicroelectronics (Canada) Inc., whose mailing address is 16 Fitzgerald Road, Ottawa, Ontario, K2H8RY, and STMicroelectronics Srl, whose mailing address is Via C. Olivetti, 2 Agrate Brianza, Italy 20041 hereinafter ASSIGNEES are desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor

NOW THEREFORE, upon consideration of our employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, we do hereby sell and assign unto ASSIGNEES, and ASSIGNEES' legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the United States and of other countries, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEES, consistent with the terms of this Assignment.


UPON SAID CONSIDERATION, we do hereby covenant and agree with ASSIGNEES that we will not execute any writing or do any act whatsoever conflicting with this assignment, and that we will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEES, execute such additional assignments and other writings and do such additional acts as ASSIGNEES may deem necessary or desirable to perfect the ASSIGNEES' enjoyment of this grant,

and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

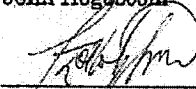
The undersigned inventors hereby grant the patent practitioners associated with Customer No. 30429 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals on the date hereinafter set forth.

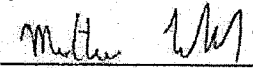
Date: Dec. 20, 2011


John Hogaboom

Date: Dec 21, 2011


Heck Khor

Date: Dec. 21, 2011


Matteo Traldi

Date: Dec 22, 2011


Anton Pelteshki