

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Nicolas Loubet	06/03/2011
Qing Liu	06/03/2011
Prasanna Khare	06/24/2011
<b>RECEIVING PARTY DATA</b>	
Name:	STMicroelectronics Inc.
Street Address:	750 Canyon Drive, Suite 300
Internal Address:	Mail Station 2346
City:	Coppell
State/Country:	TEXAS
Postal Code:	75019
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12971054
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(617)646-8646
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	617.646.8000
Email:	gdriscoll@wolfgreenfield.com
Correspondent Name:	James H. Morris
Address Line 1:	Wolf, Greenfield & Sacks, P.C.
Address Line 2:	600 Atlantic Avenue
Address Line 4:	Boston, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	S102271491US00
NAME OF SUBMITTER:	Gail Driscoll
Total Attachments: 4 source=12971054#page1.tif source=12971054#page2.tif source=12971054#page3.tif source=12971054#page4.tif	

OP \$40.00 12971054

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby:

Sell, assign and transfer to STMicroelectronics Inc., a corporation having a place of business at Mail Station 2346, 750 Canyon Drive, Suite 300, Coppell, Texas 75019, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on December 17, 2010 as serial No. 12/971,054 and entitled LAYER FORMATION WITH REDUCED CHANNEL LOSS, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

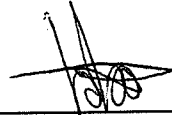
Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

The undersigned hereby grant(s) the firm of Wolf, Greenfield & Sacks, P.C., of 600 Atlantic Avenue, Boston, Massachusetts 02210 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent office for recordation of this document.

06/03/2011  
Date



Inventor: Nicolas Loubet

Address: 24 Knights Bridge Apt. D  
Guilderland, NY 12084

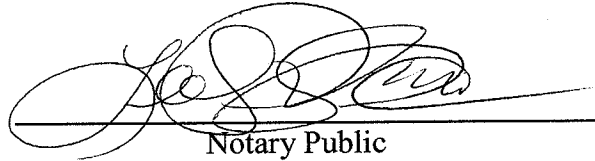
Citizenship: France

STATE OF NEW YORK  
COUNTY OF ALBANY

On 3<sup>RD</sup> day of June, 2011, before me, the undersigned notary personally Nicolas Loubet, proved to me through satisfactory evidence identification, which Driver's license, to be the person who signed the preceding or attached document in my presence and swore or to me that the contents of the document are truthful and accurate to the best of his knowledge and belief and acknowledged to me that he signed it voluntarily for its stated purpose.

SEAL

LEO E. PALMER III  
NOTARY PUBLIC, STATE OF NEW YORK  
ALBANY COUNTY 01PA6082470  
COMMISSION EXPIRES OCTOBER 28, 2014

  
Notary Public

My commission expires:

October 28, 2014

06/03/2011  
Date

Qing Liu  
Inventor: Qing Liu

Address: 43F Knights Bridge  
Guilderland, NY 12084

Citizenship: People's Republic of China

STATE OF NEW YORK  
COUNTY Albany:

On 3<sup>rd</sup> day of June, 2011, before me, the undersigned notary personally Qing Liu, proved to me through satisfactory evidence identification, which driver license, to be the person who signed the preceding or attached document in my presence and swore or to me that the contents of the document are truthful and accurate to the best of his knowledge and belief and acknowledged to me that he signed it voluntarily for its stated purpose.

SEAL

LEO E. PALMER III  
NOTARY PUBLIC, STATE OF NEW YORK  
ALBANY COUNTY 01PA6082470  
COMMISSION EXPIRES OCTOBER 28, 2014

Leo E. Palmer III  
Notary Public  
October 28, 2014

My commission expires:

6/24/11  
Date

Khare  
Inventor: Prasanna Khare  
Address: 304 Polsinelli Drive  
Schenectady, New York 12303  
Citizenship: India

STATE OF NEW YORK  
COUNTY OF ALBANY:

On this 24<sup>th</sup> day of June, 2011, before me, the undersigned notary public, personally appeared Prasanna Khare, proved to me through satisfactory evidence of identification, which were New York Drivers License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

**Kyle Chadwick**  
Notary Public, State of New York  
Qualified in Albany County  
No. 01CH6182662  
Commission Expires March 03, 2012

Kyle Chadwick  
Notary Public

My commission expires: 03/03/12