07/21/2015 503400523

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3447157

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY DATA, WHICH SHOULD HAVE READ "STMICROELECTRONICS, INC. AND STMICROELECTRONICS (GRENOBLE 2) SAS previously recorded on Reel 023609 Frame 0178. Assignor(s) hereby confirms the STMICROELECTRONICS INC

CONVEYING PARTY DATA

Name	Execution Date
OLIVIER LE NEEL	05/05/2015
PASCALE DUMONT-GIRARD	04/27/2015
CHENGYU NIU	05/19/2015
FUCHAO WANG	04/30/2015
MICHEL ARNOUX	04/21/2015

RECEIVING PARTY DATA

Name:	STMICROELECTRONICS, INC.
Street Address:	750 CANYON DRIVE, SUITE 300
City:	COPPELL
State/Country:	TEXAS
Postal Code:	75019
Name:	STMICROELECTRONICS (GRENOBLE 2) SAS
Name: Street Address:	STMICROELECTRONICS (GRENOBLE 2) SAS 12 RUE JULES HOROWITZ
	, , ,
Street Address:	12 RUE JULES HOROWITZ

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12562026

CORRESPONDENCE DATA

Fax Number: (206)682-6031

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 206-622-4900

Email: JacqueS@SeedIP.com **Correspondent Name:** DAVID V. CARLSON

Address Line 1: SEED IP LAW GROUP, 701 5TH AVENUE, #5400

PATENT

REEL: 036142 FRAME: 0941 503400523

Address Line 4: SEA	SEATTLE, WASHINGTON 98104	
ATTORNEY DOCKET NUMBER:	07-C-089US02/850063.621	
NAME OF SUBMITTER:	DAVID V. CARLSON	
SIGNATURE:	/David V. Carlson/	
DATE SIGNED:	07/21/2015	

Total Attachments: 6

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PATENT REEL: 036142 FRAME: 0942



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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Olivier Le Neel	09/21/2009
Pascale Dumont-Girard	12/02/2009
Chengyu Niu	10/16/2009
Fuchao Wang	09/23/2009
Michel Arnoux	09/24/2009

RECEIVING PARTY DATA

Name:	STMicroelectronics, Inc.
Street Address:	1310 Electronics Drive
City:	Carrollton
State/Country:	TEXAS
Postal Code:	75006

Name:	STMicroelectronics (Grenoble) SAS
Street Address:	12, rue Jules Horowitz
City:	Grenoble
State/Country:	FRANCE
Postal Code:	38000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12562026

PATENT 12

12/4/2009

http://epas.uspto.gov/com/receipt.jsp?iname=7WGRIEE8CNYP-11867

REEL: 036142 FRAME: 0943

CORRESPONDENCE DATA (206)682-6031 Fax Number: Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 206.622.4900 kristines@seedip.com David V. Carlson Correspondent Name: Address Line 1: 701 Fifth Avenue Address Line 2: Suite 5400 Seattle, WASHINGTON 98104 Address Line 4: ATTORNEY DOCKET 07-C-089 (850063.621) NUMBER: NAME OF SUBMITTER: David V. Carlson /David V. Carlson/ Signature: 12/04/2009 Date: Total Attachments: 6 source=621 Assignment#page1.tif source=621 Assignment#page2.tif source=621 Assignment#page3.tif source=621 Assignment#page4.tif source=621 Assignment#page5.tif source=621 Assignment#page6.tif RECEIPT INFORMATION EPAS ID: PAT1053349 12/04/2009 Receipt Date: \$40 Fee Amount:

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PATENT 12/4

REEL: 036142 FRAME: 0944

12/4/2009

CORRECTIVE ASSIGNMENT

WHEREAS, we, Olivier Le Neel, Pascale Dumont-Girard, Chengyu Niu, Fuchao Wang and Michel Arnoux (hereinafter referred to as ASSIGNORS), having mailing addresses of 6 Cactus Drive, Grande Vista, Singapore, Singapore 809685; Les Grollets, St. Joseph de Riviere, France 38134; 65 Gala Place, Niskayuna, New York 12309; 3613 Thorp Springs Drive, Plano, Texas 75025; and 75. Chemin de Larchat, Saint Cassien, France 38500, respectively, are the joint inventors of an invention entitled "DUAL THIN FILM PRECISION RESISTANCE TRIMMING," as described and claimed in the specification for which an application for United States letters patent was filed on September 17, 2009, and assigned Application No. 12/562,026; this application claims the benefit of U.S. Provisional Application No. 61/097,805, filed on September 17, 2008;

WHEREAS, STMicroelectronics, Inc. and STMicroelectronics (Grenoble 2) SAS (hereinafter referred to as ASSIGNEES), a corporation of the State of Delaware and a corporation of the country of France, respectively, having places of business at 750 Canyon Drive, Suite 300, Coppell, TX 75019; and 12 rue Jules Horowitz, Grenoble, France 38000, are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEES the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEES and their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEES. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said

PATENT REEL: 036142 FRAME: 0945 invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

This assignment is made effective as of September 17, 2008. I certify that I know or have satisfactory evidence that Olivier Le Neel is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument. Dated ____ Signature of Witness Printed Name Date I certify that I know or have satisfactory evidence that Pascale Dumont-Girard is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument. Dated _____ Signature of Witness

2

Printed Name

5/19/2	15	Oh Nin
Date		Chengyu Niu
I certify that I know or h	ave satisfactory ev	idence that Chengyu Niu is the person who appeared
before me, and said perso	on acknowledged t	hat he signed this instrument and acknowledged it to
be his/her free and volun	ary act for the uses	and purposes mentioned in the instrument.
	Dated	
	Signature of	
	Printed Name	
4/30/201	5	Tecl
Date /		Fuchao Wang
before me, and said perso	on acknowledged th	dence that Fuchao Wang is the person who appeared hat he signed this instrument and acknowledged it to and purposes mentioned in the instrument.
	Dated	
	Signature of Witness	
	Deintad Noma	

21/04/2015	
Date	Michel Arnonix

I certify that I know or have satisfactory evidence that Michel Arnoux is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated	1 lost zer
Signature of Witness	O. LeAns = = = = =
Printed Name	× X

(07-C-089/850063.621) Corrective Assignment

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