## 501783692 01/12/2012

#### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
Mukesh Rao Englasyam	01/11/2012
Yann Desprez-Le-Goarant	01/09/2012

# RECEIVING PARTY DATA

Name:	STMicroelectronics Pte Ltd.	
Street Address:	28 Ang Mo Kio Industrial Park II, Avenue 3	
City:	Singapore	
State/Country:	SINGAPORE	
Postal Code:	569508	

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13339868

## **CORRESPONDENCE DATA**

Fax Number: (617)646-8646 Phone: 617-646-8000

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

US Mail.

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:	S1022.71579US00
NAME OF SUBMITTER:	Gail Driscoll

Total Attachments: 2 source=13339868#page1.tif source=13339868#page2.tif

> PATENT REEL: 027520 FRAME: 0655

OP \$40.00 13339868

#### ASSIGNMENT

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

Sell, assign and transfer to STMicroelectronics Pte Ltd., a corporation having a place of business at 28 Ang Mo Kio Industrial Park II, Avenue 3, Singapore 569508, Singapore assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, after 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 29 201 as serial No. 13/339,868 and entitled TEMPERATURE SENSOR FOR IMAGE SENSORS, 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 paters 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 to 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 assignment affecting the rights and property herein conveyed has been made to others by me and 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 All Avenue, Boston, Massachusetts 02210 the power to insert on this assignment identification which may be necessary or desirable in order to comply with the full of United States Patent office for recordation of this document.

Dated: 11-Jan-2012-	Signature	ES Mulado Pac
	Printed Name:	Makesh Rao FNGLASY AN
Dated:	Signature	
	Printed Name:	Your DESPREZ-LE-GOARANT

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PATENT REEL: 027520 FRAME: 0656

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Sell, assign and transfer to STMicroelectronics Pte Ltd., a corporation having a place of business at 28 Ang Mo Kio Industrial Park II, Avenue 3, Singapore 569508, Singapore, 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 29, 2011 as serial No. 13/339,868 and entitled TEMPERATURE SENSOR FOR IMAGE SENSORS, 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.

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Dated:	· · · · · · · · · · · · · · · · · · ·	Signature	
		Printed Name:	Mukesh Rao ENGLASYAM
Dated:	09/JAN/2012	Signature	
	<i>!</i>	Printed Name:	Yann DESPREZ-LE-GOARANT

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PATENT REEL: 027520 FRAME: 0657