503376930 07/02/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3423552

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	QUITCLAIM ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STMICROELECTRONICS LTD.	06/29/2015

RECEIVING PARTY DATA

Name:	STMICROELECTRONICS (RESEARCH & DEVELOPMENT) LIMITED	
Street Address:	ATLAS HOUSE, THIRD AVENUE, GLOBE PARK	
City:	MARLOW BUCKS.	
State/Country:	UNITED KINGDOM	
Postal Code:	SL7 1EY	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11171125

CORRESPONDENCE DATA

Fax Number: (972)466-7044

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: 972-466-7280

Email: angie.rodriguez@st.com

Correspondent Name: STMICROELECTRONICS, INC.

Address Line 1: 750 CANYON DRIVE

Address Line 2: SUITE 300

Address Line 4: COPPELL, TEXAS 75019

ATTORNEY DOCKET NUMBER:	04-EDI-013US01
NAME OF SUBMITTER:	BARRY DOVE
SIGNATURE:	/Barry Dove/
DATE SIGNED:	07/02/2015

Total Attachments: 2

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PATENT 503376930 REEL: 036049 FRAME: 0251

QUITCLAIM ASSIGNMENT

1. Application. This section describes and defines the "Application."

Application Number:	11/171,125
Application Filing Date:	June 30, 2005
Application Country/Region:	United States of America
Application Title:	COMPUTER NAVIGATION DEVICES

2. Assignor. This section describes and defines the "Assignor."

Assignor Name:	STMicroelectronics Ltd.
Assignor being a company,	United Kingdom
corporation, or juristic entity of:	
Assignor's principal place of business:	Atlas House, Third Avenue, Globe Park,
	Marlow Bucks., United Kingdom SL7 1EY

3. Assignee. This section describes and defines the "Assignee."

Assignee Name:	STMicroelectronics (Research & Development) Limited
Assignee being a company, corporation, or juristic entity of:	United Kingdom
Assignee's principal place of business:	Atlas House, Third Avenue, Globe Park, Marlow Bucks., United Kingdom SL7 1EY

- **4. Effective Date.** This Quitclaim Assignment shall be effective on the date on which this Quitclaim Assignment is signed ("Effective Date").
- **5.** Background: Initial Assignment Document(s). Assignor received assignment document(s) from Inventor(s) (listed in Section 6 below) appearing to assign to Assignor his/her/their entire right, title, and interest (if any) in and to the inventions of the Application, the Application, and any Letters Patent to be obtained therefor and thereon worldwide.

Such assignment document(s) was/were recorded with the United States Patent and Trademark Office at:

Reel/Frame of Assignment	016954/0921
Recordation(s) in US Patent	
and Trademark Office:	

6. Background: Inventor(s). Assignor desires to quitclaim assign, and Assignee desires to acquire or confirm acquisition of, the entire right, title, and interest in and to the inventions of the Application, the Application, and any Letters Patent to be obtained therefor and thereon worldwide, which Assignor obtained (if any) from the following inventor(s) ("Inventor(s)"):

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Inventor Name	Residence (City, State, Country)
Jeffrey RAYNOR	Ambridge Hall
	17 West Catherine Place
	Edinburgh
	United Kingdom EH12 5HZ
Pascal MELLOT	108 Chemin Du Milieu
	Lans En Vercors
	France 38250

7. Corrective Assignment. In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby quitclaim assign, transfer, and set over unto Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the inventions of the Application, the Application, and any Letters Patent to be obtained therefor and thereon worldwide, including any and all direct and indirect divisions, continuations, and continuations-in-part of the Application, including any and all reissues, reexaminations, and extensions of said Letters Patent of the Application, and including all rights under the International Convention for the Protection of Industrial Property for the inventions of the Application (all together referred to as the "Family Members of the Application"), and including all rights worldwide in the Family Members of the Application, and including 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, that Assignor obtained (if any) from the Inventor(s), the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended for the Family Members of the Application, as fully and entirely as the same would have been held and enjoyed by Assignor, had this quitclaim assignment not been made.

Assignor hereby authorizes and requests, that the Commissioner for Patents for the United States Patent and Trademark Office, and the equivalent government official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for the Family Members of the Application to Assignee, its successors, legal representatives, and assigns.

Assignor

STMicroelectronics Ltd.

Name: Patrick C.R. Holmes

Title: Attorney-in-Fact

Date: June 29, 2015

Quitclaim Assignment

RECORDED: 07/02/2015

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