

PATENT ASSIGNMENT COVER SHEET

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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>NEALE DUTTON</td><td>10/25/2013</td></tr><tr><td>ROBERT KERR HENDERSON</td><td>10/25/2013</td></tr></tbody></table>		Name	Execution Date	NEALE DUTTON	10/25/2013	ROBERT KERR HENDERSON	10/25/2013				
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>STMICROELECTRONICS (RESEARCH & DEVELOPMENT) LIMITED</td></tr><tr><td>Street Address:</td><td>ATLAS HOUSE, THIRD AVENUE, GLOBE PARK</td></tr><tr><td>City:</td><td>MARLOW, BUCKINGHAMSHIRE</td></tr><tr><td>State/Country:</td><td>UNITED KINGDOM</td></tr><tr><td>Postal Code:</td><td>SL7 1EY</td></tr></table>		Name:	STMICROELECTRONICS (RESEARCH & DEVELOPMENT) LIMITED	Street Address:	ATLAS HOUSE, THIRD AVENUE, GLOBE PARK	City:	MARLOW, BUCKINGHAMSHIRE	State/Country:	UNITED KINGDOM	Postal Code:	SL7 1EY
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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>14066771</td></tr></tbody></table>		Property Type	Number	Application Number:	14066771						
Property Type	Number										
Application Number:	14066771										
CORRESPONDENCE DATA											
Fax Number:	(214)999-3514										
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Correspondent Name:	GWS-ST-EP GARDERE WYNNE SEWELL LLP										
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PATENT
REEL: 031506 FRAME: 0945

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ATTORNEY DOCKET NUMBER:	132670-1058
NAME OF SUBMITTER:	ANDRE M. SZUWALSKI
Signature:	/Andre M. Szuwalski/
Date:	10/30/2013
Total Attachments: 2 source=132670_1058_SignedAssn#page1.tif source=132670_1058_SignedAssn#page2.tif	

ASSIGNMENT

Application Number: **Filed Concurrently Herewith or Filed on** _____, 2013, as US
Serial No. _____

Application Country/Region: **US**

Application Title: **PIXEL CIRCUIT WITH CONTROLLED CAPACITOR
DISCHARGE TIME OF FLIGHT MEASUREMENT**

Assignee 1: **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, Buckinghamshire SL7 1EY, UNITED
KINGDOM**

Assignee 2: **The University Court of the University of Edinburgh**

Assignee 2 being a company, corporation, or juristic entity of: **UNITED KINGDOM**

Assignee 2's principal place of business:

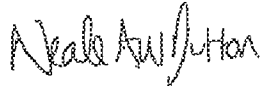

Old College, South Bridge, Edinburgh EH8 9YL, UNITED KINGDOM

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with 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, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

I hereby further agree to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, I agree to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

I hereby grant Assignee, along with the following Assignee representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document any place in the world: All practitioners at Customer Number 117381.

If there are co-inventors listed below, the signatures of all the inventors need not appear on the same page, and each inventor may sign this Assignment in multiple counterparts, such that each separately signed counterpart of this Assignment constitutes an original Assignment for the inventor(s) that signed such counterpart.

Inventor Name	Residence (City, State, Country)	Inventor Signature	Date Signed
Neale DUTTON	6 Orchardhead Loan, Edinburgh, EH16 6HW GB		25/10/13
Robert Kerr HENDERSON	8 Sciennes Gardens Edinburgh EH9 1NR GB		25/10/13