

PATENT ASSIGNMENT

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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>Stuart Andrew Ryan</td><td>06/29/2007</td></tr><tr><td>Andrew Michael Jones</td><td>06/29/2007</td></tr></tbody></table>	Name	Execution Date	Stuart Andrew Ryan	06/29/2007	Andrew Michael Jones	06/29/2007							
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>STMicroelectronics Limited</td></tr><tr><td>Street Address:</td><td>Planar House, Parkway</td></tr><tr><td>Internal Address:</td><td>Globe Park, Marlow</td></tr><tr><td>City:</td><td>Buckinghamshire</td></tr><tr><td>State/Country:</td><td>UNITED KINGDOM</td></tr><tr><td>Postal Code:</td><td>SL7 1YL</td></tr></table>	Name:	STMicroelectronics Limited	Street Address:	Planar House, Parkway	Internal Address:	Globe Park, Marlow	City:	Buckinghamshire	State/Country:	UNITED KINGDOM	Postal Code:	SL7 1YL	
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (206)682-6031 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 206-622-4900													
Email: vinetas@seedIP.com													
Correspondent Name: Seed IP Law Group PLLC													
Address Line 1: 701 Fifth Avenue													
Address Line 2: Suite 5400													
Address Line 4: Seattle, WASHINGTON 98104													
ATTORNEY DOCKET NUMBER:	851963.433												
NAME OF SUBMITTER:	Robert Iannucci												
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PATENT  
REEL: 019622 FRAME: 0343



## ASSIGNMENT

WHEREAS, we, Stuart Andrew Ryan and Andrew Michael Jones (hereinafter referred to as ASSIGNORS), having mailing addresses of Flat 3, 307 Hotwell Road, Bristol, United Kingdom BS8 4NQ and 6 Edgcombe Road, Bristol, United Kingdom BS6 7AX, respectively, are the joint inventors of an invention entitled "MULTIPLE PURPOSE INTEGRATED CIRCUIT," as described and claimed in the specification for which an application for United States letters patent was filed on March 5, 2007, and assigned Application No. 11/682,230;

WHEREAS, STMicroelectronics Limited (hereinafter referred to as ASSIGNEE), a corporation of the Country of United Kingdom having a place of business at Planar House, Parkway, Globe Park, Marlow, Buckinghamshire, United Kingdom SL7 1YL, is 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 ASSIGNEE 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 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 ASSIGNEE 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 ASSIGNEE and its 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 ASSIGNEE. 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 invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

29/6/2007  
Date

S. A. Ryan  
Stuart Andrew Ryan

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

Dated 29/06/2007  
Signature of  
Witness [Signature]  
Printed Name IAN GRIFFIN

29/6/2007  
Date

A. M. Jones  
Andrew Michael Jones

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

Dated 29/06/2007  
Signature of  
Witness [Signature]  
Printed Name IAN GRIFFIN

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