

# PATENT ASSIGNMENT

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Timothy John Ridgers	06/10/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ST-Ericsson SA
<b>Street Address:</b>	39, Chemin du Champ-des-Filles
<b>City:</b>	Plan-les-Ouates
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	1228
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12771900
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**PATENT**  
**REEL: 024683 FRAME: 0272**

**ASSIGNMENT**

WHEREAS, I, Timothy John Ridgers (hereinafter referred to as ASSIGNOR), having a mailing address of 27 rue de la Fee, Bayeux, France 14400, am the sole inventor of an invention entitled "PLL CALIBRATION," as described and claimed in the specification for which an application for United States letters patent was filed on April 30, 2010, and assigned Application No. 12/771,900 ; This application claims the benefit of U.S. Provisional Application No. , filed on ;

WHEREAS, ST-Ericsson SA (hereinafter referred to as ASSIGNEE), a corporation of the Country of Switzerland having a place of business at 39, Chemin du Champ-des-Filles, Plan-les-Ouates, Switzerland 1228, 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, ASSIGNOR hereby sells, assigns and transfers 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 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 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 for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE.

ASSIGNOR agrees 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 said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

10 June 2010  
Date

T.J. Ridgers  
Timothy John Ridgers