

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Michael Kraemer	10/12/2009
Sebastien Rieubon	10/12/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STMicroelectronics (Grenoble 2) SAS
<b>Street Address:</b>	12 rue Jules Horowitz
<b>City:</b>	Grenoble
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	38000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12688098
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	Jeremy B. Berman
<b>Total Attachments: 2</b> source=54646_Assignment#page1.tif source=54646_Assignment#page2.tif	

OP \$40.00 12688098

A S S I G N M E N T

WHEREAS, Michael KRAEMER of Lans En Vercors, France, and Sébastien RIEUBON of Saint Jean De Moirans, France; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in METHOD FOR DETECTING THE LOCKING OF A PHASE-LOCKED LOOP AND ASSOCIATED DEVICE, for which ASSIGNORS have executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; and

WHEREAS, STMicroelectronics (Grenoble 2) SAS, a French corporation, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

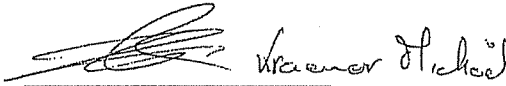
NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said ASSIGNORS for said consideration hereby covenant and agree that said ASSIGNORS are the owners of the full

title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

12<sup>th</sup> October 2008  
Date

  
Michael KRAEMER

12<sup>th</sup> October 2008  
Date

Sébastien RIEUBON  
Sébastien RIEUBON