

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Anand KUMAR</td> <td>07/04/2012</td> </tr> <tr> <td>Pradeep DHADDA</td> <td>07/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Anand KUMAR	07/04/2012	Pradeep DHADDA	07/04/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>STMicroelectronics Pvt. Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Plot N. 1, Knowledge Park III</td> </tr> <tr> <td>City:</td> <td>Greater Noida</td> </tr> <tr> <td>State/Country:</td> <td>INDIA</td> </tr> <tr> <td>Postal Code:</td> <td>201308</td> </tr> </table>		Name:	STMicroelectronics Pvt. Ltd.	Street Address:	Plot N. 1, Knowledge Park III	City:	Greater Noida	State/Country:	INDIA	Postal Code:	201308
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 4254551046          Phone: (425) 455-5575          Email: pcameron@graybeal.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Kevin D. Jablonski          Address Line 1: 400 - 108th Avenue NE          Address Line 2: Suite 700          Address Line 4: Bellevue, WASHINGTON 98004-8425</p>											
ATTORNEY DOCKET NUMBER:	2415-057-03										
NAME OF SUBMITTER:	Kevin D. Jablonski										
Total Attachments: 3 source=2415-057-03_Assignment_Signed#page1.tif source=2415-057-03_Assignment_Signed#page2.tif source=2415-057-03_Assignment_Signed#page3.tif											

CH \$40.00 13547742

## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration the adequacy and receipt of which are hereby acknowledged,

ASSIGNOR Anand KUMAR residing or having a principal place of business at 145, Yamaha Vihar, Sector-49, Noida India, Uttar Pradesh, India 201304, and a citizen or juristic entity of India,

ASSIGNOR Pradeep DHADDA residing or having a principal place of business at T-33, Ground Floor, Eldeco Residency Greens, Sector Pi, Greater Noida, Uttar Pradesh, India 201308, and a citizen or juristic entity of India,

hereby sells, assigns, and transfers to:

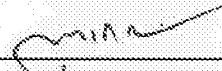
ASSIGNEE STMicroelectronics Pvt. Ltd. residing or having a principal place of business at Plot N. 1, Knowledge Park III, Greater Noida, India 201308, and a citizen or juristic entity of India, and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest in the United States and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled PHASE LOCKED LOOP CIRCUIT WITH REDUCED JITTER and which is found in United States patent application serial number 13/547,742, filed on July 12, 2012 (if not present when this instrument is executed, applicant's attorney or agent is authorized to enter the application serial number and filing date upon receipt of the same from the United States Patent and Trademark Office), and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent from any reissue or re-examination thereof

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts, documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to the ASSIGNOR and the ASSIGNOR will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce said application, said invention, and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

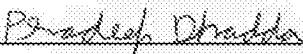
ASSIGNORS:

Name: Anand KUMAR

Signature: 

EXECUTED ON, and effective from this 04 day of JULY, 2012  
at GREATER NOIDA, INDIA

Name: Pradeep DHADDA

Signature: 

EXECUTED ON, and effective from this 04 day of JULY, 2012  
at GREATER NOIDA, INDIA