

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael Gattung	05/12/2011
Gerhard Osterloh	05/12/2011
Ralf Beier	05/12/2011
RECEIVING PARTY DATA	
Name:	NXP B.V.
Street Address:	High Tech Campus 60
City:	Eindhoven
State/Country:	NETHERLANDS
Postal Code:	5656 AG
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13110881
CORRESPONDENCE DATA	
Fax Number: (408)474-9082 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 408-434-3000 Email: ip.department.us@nxp.com Correspondent Name: NXP, B.V. NXP INTELLECTUAL PROPERTY & LI Address Line 1: M/S41-SJ Address Line 2: 1109 MCKAY DRIVE Address Line 4: SAN JOSE, CALIFORNIA 95131	
ATTORNEY DOCKET NUMBER:	81398726US02
NAME OF SUBMITTER:	Vilimaina Naga
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JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as a below-named Assignor, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to **NXP B.V.**, having a place of business at High Tech Campus 60, NL-5656 AG, Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "**SAWTOOTH OSCILLATOR**" for which the following patent application(s) has/have been filed:

<u>Country</u>	<u>Application No.</u>	<u>Filing Date (mm/dd/yyyy)</u>	<u>Claims Priority of</u>
US	13/110,881	05/18/2011	EP10163631.4
EP	10163631.4	05/21/2010	

(I hereby authorize and request my attorneys associated with customer number 65913 to insert here the filing date and application number of this application when known)

(2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to **NXP B.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

We certify that we have the full right to convey the above rights.

17.05.11
Date

GATIUNG, MICHAEL

Assignor

12.05.2011
Date

OSTEREGH, GERHARD

Assignor

12/05/2011
Date

BEIER, RALF

Assignor