

PATENT ASSIGNMENT COVER SHEET

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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>CASPER VAN DER AVOORT</td> <td>02/12/2013</td> </tr> <tr> <td>ANDREAS BERNARDUS MARIA JANSMAN</td> <td>09/20/2013</td> </tr> <tr> <td>ROBERT JAMES PASCOE LANDER</td> <td>02/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	CASPER VAN DER AVOORT	02/12/2013	ANDREAS BERNARDUS MARIA JANSMAN	09/20/2013	ROBERT JAMES PASCOE LANDER	02/08/2013		
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<table border="1"> <tr> <td>Name:</td> <td>NXP B.V.</td> </tr> <tr> <td>Street Address:</td> <td>High Tech Campus 60</td> </tr> <tr> <td>City:</td> <td>Eindhoven</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>NL-5656 AG</td> </tr> </table>		Name:	NXP B.V.	Street Address:	High Tech Campus 60	City:	Eindhoven	State/Country:	NETHERLANDS	Postal Code:	NL-5656 AG
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14034398</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14034398						
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Application Number:	14034398										
CORRESPONDENCE DATA											
Fax Number:	(408)518-5671										
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	81522275US02										
NAME OF SUBMITTER:	VILIMAINA NAGA										
Signature:	/Vilimaina Naga/										
Date:	03/03/2014										
Total Attachments: 3 source=81522275US02_SIGNEDASSIGNMENT#page1.tif source=81522275US02_SIGNEDASSIGNMENT#page2.tif source=81522275US02_SIGNEDASSIGNMENT#page3.tif											

PATENT

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 "**RESONATOR**" for which the following patent application(s) has/have been filed (I/we hereby authorize and request my/our attorneys associated with U.S. Patent & Trademark Office Customer Number 65913 to insert below the filing date and application number of the U.S. application when known):

<u>Country</u>	<u>Application No.</u>	<u>Filing Date (mm/dd/yyyy)</u>	<u>Claims Priority of</u>
US	14/034398	09/23/2013	EP 12186407.8
EP	12186407.8	09/27/2012	

and

(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

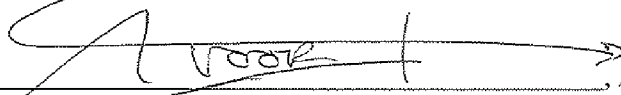
(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

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.

12/2/2013
Date


_____, Assignor
Casper van der Avoort

Date

_____, Assignor
Andreas Bernardus Maria Jansman

Date

_____, Assignor
Robert James Pascoe Lander

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_____	_____	Assignor
Date	Casper van der Avoort	
20 September 2013	<i>ABM Jansman</i>	Assignor
Date	Andreas Bernardus Maria Jansman	
_____	_____	Assignor
Date	Robert James Pascoe Lander	

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_____, Assignor
Date Casper van der Avoort

_____, Assignor
Date Andreas Bernardus Maria Jansman

8/2/13 _____, Assignor
Date Robert James Pascoe Lander