

PATENT ASSIGNMENT

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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>Cas van der AVOORT</td> <td>12/14/2010</td> </tr> <tr> <td>Jozef Thomas Martinus van BEEK</td> <td>01/15/2011</td> </tr> <tr> <td>Johannes van WINGERDEN</td> <td>01/14/2011</td> </tr> <tr> <td>Joep BONTEMPS</td> <td>01/17/2011</td> </tr> <tr> <td>Robert James Poscoe LANDER</td> <td>12/14/2010</td> </tr> </tbody> </table>		Name	Execution Date	Cas van der AVOORT	12/14/2010	Jozef Thomas Martinus van BEEK	01/15/2011	Johannes van WINGERDEN	01/14/2011	Joep BONTEMPS	01/17/2011	Robert James Poscoe LANDER	12/14/2010
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RECEIVING PARTY DATA													
<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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CORRESPONDENCE DATA													
<p>Fax Number: (408)518-5671 Phone: 408-518-5500 Email: vilimaina.naga@nxp.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: Intellectual Property and Licensing NXP Address Line 1: 411 East Plumeria Drive, MS41 Address Line 4: SAN JOSE, CALIFORNIA 95134</p>													
ATTORNEY DOCKET NUMBER:	81375850US03												
NAME OF SUBMITTER:	Vilimaina Naga												

CH \$40.00 12888185

Total Attachments: 5

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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, and its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "RESONATOR" for which an EP patent application was filed in the European Patent Office on September 22, 2009, having a Serial Number 09252251.5, and which was filed in the United States Patent and Trademark Office on September 22, 2010, having an Application Number 12/888,185 and;

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

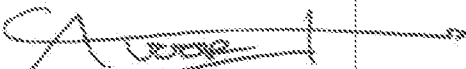
(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

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.

14 Dec. 2010
Date

, Assignor
Cas van der AVOORT

Date

_____, Assignor
Jozef Thomas Martinus van BEEK

Date

_____, Assignor
Johannes van WINGERDEN

Date

_____, Assignor
Joep BONTEMPS

Date

_____, Assignor
Robert James Pascoe LANDER

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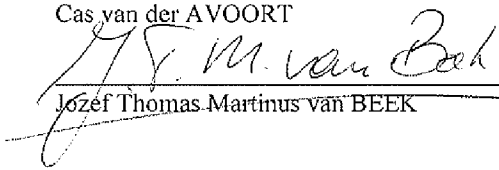
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_____	_____, Assignor
Date	Cas van der AVOORT
<u>15/11/2011</u>	
Date	Jozef Thomas Martinus van BEEK
_____	_____, Assignor
Date	Johannes van WINGERDEN
_____	_____, Assignor
Date	Joep BONTEMPS
_____	_____, Assignor
Date	Robert James Pascoe LANDER

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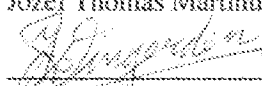
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_____	_____
Date	Cas van der AVOORT
	Assignor
_____	_____
Date	Jozef Thomas Martinus van BEEK
	Assignor
<u>14-1-2011</u>	
Date	Johannes van WINGERDEN
	Assignor
_____	_____
Date	Joep BONTEMPS
	Assignor
_____	_____
Date	Robert James Pascoe LANDER
	Assignor

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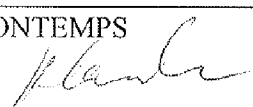
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Date	Joep BONTEMPS
<u>14/12/10</u>	
Date	Robert James Pascoe LANDER

PATENT