

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ANDREAS B. M. JANSMAN</td> <td>10/04/2010</td> </tr> <tr> <td>RENSINUS C. STRIJBOS</td> <td>10/04/2010</td> </tr> <tr> <td>ERIK SPAAN</td> <td>10/04/2010</td> </tr> <tr> <td>JAN-WILLEM LOBEEK</td> <td>10/04/2010</td> </tr> </tbody> </table>		Name	Execution Date	ANDREAS B. M. JANSMAN	10/04/2010	RENSINUS C. STRIJBOS	10/04/2010	ERIK SPAAN	10/04/2010	JAN-WILLEM LOBEEK	10/04/2010
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<b>RECEIVING PARTY DATA</b>											
Name:	NXP B.V.										
Street Address:	HIGH TECH CAMPUS 60										
City:	EINDHOVEN										
State/Country:	NETHERLANDS										
Postal Code:	5656 AG										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12989488</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12989488						
Property Type	Number										
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<b>CORRESPONDENCE DATA</b>											
Fax Number:	(408)474-9082										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	408-434-3000										
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Correspondent Name:	NXP, B.V. NXP INTELLECTUAL PROPERTY & LI										
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Address Line 2:	1109 MCKAY DRIVE										
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ATTORNEY DOCKET NUMBER:	81343784 US05										
NAME OF SUBMITTER:	Lynn Miller										
Total Attachments: 1											

CH \$40.00 12989488

**501329524**

**PATENT  
 REEL: 025187 FRAME: 0984**



JOINT ASSIGNMENT

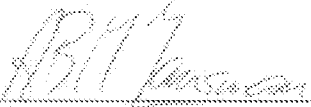
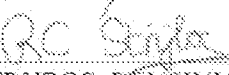
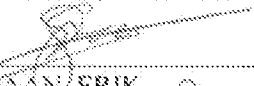

For good and valuable consideration, receipt of which is hereby acknowledged, we, as a below-named Assignor, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to NXP B.V., having a place of business at High Tech Campus 60, NL-5656 AG, Eindhoven, NL.,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

- (1) our invention relating to "BULK ACOUSTIC WAVE RESONATOR" for which a European patent application no. 08103774.9 was filed on April 29, 2008.
- (2) the foregoing application 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.

<u>Oct 4, 2010</u> Date	 ..... JANSMAN, ANDREAS B. M.	Assignor
<u>Oct 4, 2010</u> Date	 ..... STRUBOS, RENSINUS C.	Assignor
<u>Oct 4, 2010</u> Date	 ..... SPAAN, ERIK	Assignor
<u>Oct 6, 2010</u> Date	 ..... LOBEEK, JAN-WILLEM	Assignor