

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Olaf WUNNICKE	10/06/2008
Hans P. LOEBL	10/13/2008
Mareike K. KLEE	10/27/2008
Robert F. MILSOM	10/28/2008
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:	10128815
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	ip.department.us@nxp.com
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Address Line 1:	1109 McKay Drive
Address Line 2:	MS41
Address Line 4:	San Jose, CALIFORNIA 95131
ATTORNEY DOCKET NUMBER:	DE010114US
NAME OF SUBMITTER:	Vilimaina Naga

CH \$40.00 10128815

Total Attachments: 4

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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 "ARRANGEMENT WITH TWO PIEZOELECTRIC LAYERS, AND METHOD OPERATING A FILTER DEVICE" for which an EP provisional patent application was filed in the European Patent Office on 04/25/2001, having a Serial Number 01201647.3.

(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 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.

10/06/2008	<i>O. Wunnicke</i>	, Assignor
Date	Olaf, WUNNICKE	
Date	Hans, P., LOEBL	, Assignor
Date	Mareike, K., KLEE	, Assignor
Date	Robert, F., MILSOM	, Assignor

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..... Date, Assignor Olaf, WUNNICKE
<i>Oct. 13, 2008</i> Date	<i>[Signature]</i>, Assignor Hans, P., LOEBL
..... Date, Assignor Marcike, K., KLEE
..... Date, Assignor Robert, F., MILSOM

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_____, Assignor
Date Olaf, WUNNICKE

_____, Assignor
Date Hans, P., LOEBL

23.10.2008
Date *Mareike Klee*, Assignor
Mareike, K., KLEE

_____, Assignor
Date Robert, F., MILSOM

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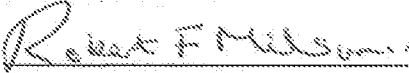
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_____	_____	Assignor
Date	Hans, P., LOEBL	
_____	_____	Assignor
Date	Mareike, K., KLEE	
_____		Assignor
Date	Robert, F., MILSOM	