

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT										
EFFECTIVE DATE:	08/30/2005										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Otto Leo WARMUTH</td> <td>10/14/2009</td> </tr> <tr> <td>Robert TOLKIEHN</td> <td>10/09/2009</td> </tr> <tr> <td>Roel VAN WOUDENBERG</td> <td>10/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Otto Leo WARMUTH	10/14/2009	Robert TOLKIEHN	10/09/2009	Roel VAN WOUDENBERG	10/09/2009		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>KONINKLIJKE PHILIPS ELECTRONICS N.V.</td> </tr> <tr> <td>Street Address:</td> <td>GROENEWOUDSEWEG 1</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>5621 BA</td> </tr> </table>		Name:	KONINKLIJKE PHILIPS ELECTRONICS N.V.	Street Address:	GROENEWOUDSEWEG 1	City:	EINDHOVEN	State/Country:	NETHERLANDS	Postal Code:	5621 BA
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CORRESPONDENCE DATA											
<p>Fax Number: (408)474-9082 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4084749067</p> <p>Email: ip.department.us@nxp.com</p> <p>Correspondent Name: NXP SEMICONDUCTORS IP&L DEPT.</p> <p>Address Line 1: 1109 MCKAY DRIVE</p> <p>Address Line 2: MS41</p> <p>Address Line 4: SAN JOSE, CALIFORNIA 95131</p>											
ATTORNEY DOCKET NUMBER:	NL040957US1										
NAME OF SUBMITTER:	Vilimaina Naga										

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REEL: 023380 FRAME: 0558

Total Attachments: 2

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NUNC PRO TUNC ASSIGNMENT


For good and valuable consideration, of which I/we acknowledge receipt, I/we, as a below-named Assignor(s), hereby sell, and assign, and transfer, nunc pro tunc effective August 30, 2005, the entire and exclusive right, title, and interest in the following to Koninklijke Philips Electronics N.V., having a place of business at Groenewoudseweg 1, 5621 BA, Eindhoven, the Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application was filed on August 30, 2005, having an International Application No. PCT/IB2005/052837, and all rights in and to said application, 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 provisionals, non-provisionals, divisions, continuations, continuations-in-part, reexaminations, reissues, and extensions thereof, and 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.

I/we further confirm that, as of August 30, 2005, I/we had authorized and requested 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 Koninklijke Philips Electronics N.V. for its sole use, and that of its successors, assigns, and legal representatives.

I/we further confirm that, as of August 30, 2005, I/we had covenanted and agreed and continue to covenant and agree to provide my/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, I/we agreed and 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.

I/we also hereby confirm that, as of August 30, 2005, I/we had transferred unto the Assignee, its successors, legal representatives and assigns, all claims for damages by reason of past infringement of any patents based in whole or part upon said application, the right to sue for and collect the same for their own use and for the use and enjoyment of their successors, legal representatives or other assigns and do hereby assign and set over unto Assignee, its successors and assigns, nunc pro tunc effective August 30, 2005, all such claims and rights.

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

<u>2007-01-14</u>	(sign name here)		Assignor
Date	(print name here)	Otto Leo WARMUTH	
_____	(sign name here)	_____	Assignor
Date	(print name here)	Robert TOLKIEHN	
_____	(sign name here)	_____	Assignor
Date	(print name here)	Roel VAN Woudenberg	

Docket No. NL040957US1

NUNC PRO TUNC ASSIGNMENT

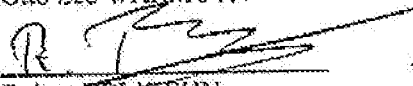
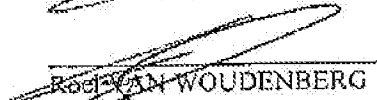
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Date	(print name here)	Otto Leo WARMUTH	
<u>Oct 9, 2009</u>	(sign name here)		Assignor
Date	(print name here)	Robert TOLKTEHN	
<u>Oct 9, 2009</u>	(sign name here)		Assignor
Date	(print name here)	Robert VAN Woudenberg	

PATENT

RECORDED: 10/15/2009

REEL: 023380 FRAME: 0561