

## 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>Roel Daamen</td> <td>10/29/2012</td> </tr> <tr> <td>Nebojsa Nenadovic</td> <td>10/29/2012</td> </tr> <tr> <td>Erik Jan Lous</td> <td>10/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Roel Daamen	10/29/2012	Nebojsa Nenadovic	10/29/2012	Erik Jan Lous	10/29/2012
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Roel Daamen	10/29/2012								
Nebojsa Nenadovic	10/29/2012								
Erik Jan Lous	10/29/2012								
RECEIVING PARTY DATA									
Name:	NXP B.V.								
Street Address:	High Tech Campus 60								
City:	Eindhoven								
State/Country:	NETHERLANDS								
Postal Code:	NL-5656 AG								
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>13887144</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13887144				
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Application Number:	13887144								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Vilimaina Naga								
Signature:	/Vilimaina Naga/								
Date:	05/06/2013								
Total Attachments: 1 source=81495419US03_SIGNEDASSIGNMENT#page1.tif									

CH \$40.00 13887144

## 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 "**INTEGRATED CIRCUIT INCLUDING A DIRECTIONAL LIGHT SENSOR**" 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	13/887144	05/03/2013	EP 12167644.9
EP	12167644.9	05/11/2012	

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.

29/10/12  
Date

R. Daamen  
Roel Daamen, Assignor

29/10/2012  
Date

Nebojsa Nenadovic  
Nebojsa Nenadovic, Assignor

29 october 2012  
Date

Erik Jan Lous  
Erik Jan Lous, Assignor