

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>PETER H. F. DEURENBERG</td><td>08/23/2010</td></tr><tr><td>GERT VAN DER HORN</td><td>09/10/2010</td></tr></tbody></table>	Name	Execution Date	PETER H. F. DEURENBERG	08/23/2010	GERT VAN DER HORN	09/10/2010	
Name	Execution Date						
PETER H. F. DEURENBERG	08/23/2010						
GERT VAN DER HORN	09/10/2010						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12933411</td></tr></tbody></table>	Property Type	Number	Application Number:	12933411			
Property Type	Number						
Application Number:	12933411						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Lynn Miller						
Total Attachments: 2 source=81347387US04_ASSIGN_SIGNED#page1.tif source=81347387US04_ASSIGN_SIGNED#page2.tif							

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PATENT
REEL: 025009 FRAME: 0764

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 "**A CONTROLLER AND METHOD OF OPERATING A CONTROLLER**" for which a European patent application no. **08102752.6** was filed on **March 19, 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.

23-08-2010

Date


DEURENBERG, PETER H. F.

Assignor

Date

VAN DER HORN, GERT

Assignor

JOINT ASSIGNMENT

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

_____	_____, Assignor
Date	DEURENBERG, PETER H. F.
10/09/2010	
Date	_____, Assignor
	VAN DER HORN, GERT

PATENT