

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Willem Frederik Adrianus Besling</td> <td>01/11/2011</td> </tr> <tr> <td>Jinesh Balakrishna Pillai Kochupurackal</td> <td>02/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Willem Frederik Adrianus Besling	01/11/2011	Jinesh Balakrishna Pillai Kochupurackal	02/02/2011
Name	Execution Date						
Willem Frederik Adrianus Besling	01/11/2011						
Jinesh Balakrishna Pillai Kochupurackal	02/02/2011						
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>12971492</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12971492		
Property Type	Number						
Application Number:	12971492						
CORRESPONDENCE DATA							
Fax Number:	4085185671						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	408-518-5500						
Email:	vilimaina.naga@nxp.com						
Correspondent Name:	Intellectual Property and Licensing NXP						
Address Line 1:	411 East Plumeria Drive, MS41						
Address Line 4:	SAN JOSE, CALIFORNIA 95134						
ATTORNEY DOCKET NUMBER:	81385306US03						
NAME OF SUBMITTER:	Vilimaina Naga						
Signature:	/Vilimaina Naga/						
Date:	07/16/2013						
Total Attachments: 2 source=81385306US03_Joint_Assignment_Signed#page1.tif source=81385306US03_Joint_Assignment_Signed#page2.tif							

CH \$40.00 12971492

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, and its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "**TOKEN COMPRISING IMPROVED PHYSICAL UNCLONABLE FUNCTION**" for which an EP patent application was filed in the European Patent Office on **December 17, 2009**, having a Serial Number **09179628.4**, and which was filed in the United States Patent and Trademark Office on **December 17, 2010**, having an Application Number **12/971,492** and;

(2) the foregoing applications 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.

11-01-2011 _____, Assignor
Date Willem Frederik Adrianus BESLING

_____, Assignor
Date Jinesh Balakrishna Pillai KOCHUPURACKAL

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		Assignor
Date	Willem Frederik Adrianus BESLING	
<i>02/02/2011</i>		Assignor
Date	Jinesh Balakrishna Pillai KOCHUPURACKAL	