

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>Bruce Murray</td> <td>07/20/2010</td> </tr> <tr> <td>Pieter Janssens</td> <td>08/01/2010</td> </tr> </tbody> </table>		Name	Execution Date	Bruce Murray	07/20/2010	Pieter Janssens	08/01/2010
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Bruce Murray	07/20/2010						
Pieter Janssens	08/01/2010						
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>12870756</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12870756		
Property Type	Number						
Application Number:	12870756						
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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ATTORNEY DOCKET NUMBER:	81384938US02						
NAME OF SUBMITTER:	Vilimaina Naga						
Total Attachments: 2 source=81384938US1_SIGNEDASSIGNMENT#page1.tif source=81384938US1_SIGNEDASSIGNMENT#page2.tif							

CH \$40.00 12870756

JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, 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 "**Device for generating a message authentication code for authenticating a message**" for which an EP NON provisional patent application was filed in the European Patent Office on **27 August 2009**, having a Serial Number **09168875.4**.

(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

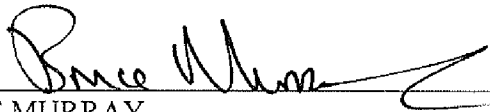
(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

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.

20 JULY 2010
Date

, Assignor
BRUCE MURRAY

Date

_____, Assignor
PIETER JANSSENS

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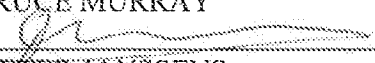
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_____	_____	Assignor
Date	BRUCE MURRAY	
01/02/2010		Assignor
Date	PIETER JANSSENS	