

## 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>Harald Philipp</td> <td>11/30/2009</td> </tr> <tr> <td>Daniel Pickett</td> <td>11/27/2009</td> </tr> <tr> <td>Esat Yilmaz</td> <td>11/26/2009</td> </tr> </tbody> </table>		Name	Execution Date	Harald Philipp	11/30/2009	Daniel Pickett	11/27/2009	Esat Yilmaz	11/26/2009
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Harald Philipp	11/30/2009								
Daniel Pickett	11/27/2009								
Esat Yilmaz	11/26/2009								
RECEIVING PARTY DATA									
Name:	QRG Limited								
Street Address:	1 Mitchell Point								
Internal Address:	Ensign Way, Hamble								
City:	Hampshire								
State/Country:	UNITED KINGDOM								
Postal Code:	SO31 4RF								
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>13945820</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13945820				
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Application Number:	13945820								
CORRESPONDENCE DATA									
Fax Number:	2146614643								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	080900.2594								
NAME OF SUBMITTER:	Mary A. johnson								
Signature:	/mary a johnson/								

PATENT

Date:

09/12/2013

Total Attachments: 2

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## ASSIGNMENT

WHEREAS, I/WE, **HARALD PHILIPP** c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM; **DANIEL PICKETT** c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM; and **ESAT YILMAZ** c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM have made the invention(s) and improvement(s) described in U.S. patent application number 12/255,998 (attorney docket no. 3050.052US1) filed on October 22, 2008, entitled "NOISE HANDLING IN CAPACITIVE TOUCH SENSORS" (hereinafter "the Invention");

WHEREAS the Invention was made during the course of my/our employment with QRG LIMITED, LEVEL 1, EXCHANGE HOUSE, PRIMROSE STREET, LONDON EC2A 2HS, UNITED KINGDOM, a corporation organized under the laws of England and Wales, and having a place of business at 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM (hereinafter "QRG LIMITED");

NOW, THEREFORE, be it known that for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and by virtue of the terms of my/our employment with QRG LIMITED, I/we, the undersigned, hereby sell, assign, and transfer, and have sold, assigned, and transferred, my/our entire right, title, and interest throughout the world in the Invention to QRG LIMITED, its successors, and assigns, including all right, title, and interest throughout the world that presently exists or that may arise in the future, including, but not limited to, the right to claim priority; all divisionals, continuations, continuations-in-part, or renewals thereof; all patents, utility models, designs, inventor's certificates, or registrations that may be granted therefrom, including all reissues, reexamination certificates, or extensions of such patents; all related applications which have been or shall be filed in any country; and all rights, powers, privileges, and immunities arising from the Invention, together with all right, title, and interest throughout the world in all causes of action, either in law or equity, for infringement thereof, including all rights of action and damages for past infringement.

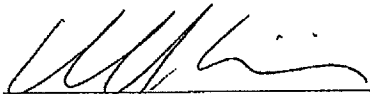
AND I/WE HEREBY authorize and request the issuing authority in any country in which protection of this invention is sought to issue the same to QRG LIMITED, its successors, and assigns, in accordance with the terms of this instrument;

AND I/WE HEREBY covenant and agree that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed, and will not execute, any agreement in conflict herewith;

AND I/WE HEREBY further covenant and agree that I/we will at the expense of QRG LIMITED, its successors, and assigns execute all documents and do all such acts and things as QRG LIMITED, its successors, and assigns may in its/their absolute discretion consider necessary or desirable to enable Letters Patent or any form of

protection to be issued in respect of the Invention in any part or parts of the world and to vest the same in the name of QRG LIMITED, its successors, and assigns free from all encumbrances, and to enable or to assist QRG LIMITED, its successors, and assigns to defend oppositions to grant thereof, to maintain the same when granted and to present and prosecute for the infringement thereof.

IN WITNESS thereof, I/we have duly executed this document:

  
\_\_\_\_\_  
Harald Philipp

Executed on 30 day of November, 2009  
(month)

Witnessed by:

X LIZ KNOTT  
\_\_\_\_\_  
Print Name:

  
\_\_\_\_\_  
Daniel Pickett

Executed on 27 day of November, 2009  
(month)

Witnessed by:

X WEIYUAN ZHENG  
\_\_\_\_\_  
Print Name:

  
\_\_\_\_\_  
Esat Yilmaz

Executed on 26 day of November, 2009  
(month)

Witnessed by:

X SILENT GUARD  
\_\_\_\_\_  
Print Name: