PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR DAVID BRENT GUARD (PREVIOUSLY RECORDED AS BRENT GUARD) previously recorded on Reel 023640 Frame 0346. Assignor(s) hereby confirms the CORRECT ASSIGNOR IS DAVID BRENT GUARD.

CONVEYING PARTY DATA

Name	Execution Date
DAVID BRENT GUARD	12/26/2009
HARALD PHILIPP	11/30/2009

RECEIVING PARTY DATA

Name:	QRG LIMITED	
Street Address:	LEVEL 1, EXCHANGE HOUSE	
Internal Address:	PRIMROSE STREET	
City:	LONDON	
State/Country:	UNITED KINGDOM	
Postal Code:	EC2A 2HS	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12605068

CORRESPONDENCE DATA

Fax Number: (214)661-4643

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:	080900.0190
NAME OF SUBMITTER:	MARY A. JOHNSON

PATENT **REEL: 031344 FRAME: 0282**

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Signature:	/mary a johnson/
Date:	10/04/2013
Total Attachments: 6 source=0809000190correctiveassign#page1.tif source=0809000190correctiveassign#page2.tif source=0809000190correctiveassign#page3.tif source=0809000190correctiveassign#page4.tif source=0809000190correctiveassign#page5.tif source=0809000190correctiveassign#page6.tif	

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Fax Server

TO: BRADLEY A. FORREST COM: 1: SCHWEGMAN, LUNDBERG & WOE ER, P.A.

12/11/00 11:00 FAX 8123393081

20002/004

434831 COVER SHEET

Any Ref/Docket No.: 3050.037US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office	Please record the attached original documents or copy thereof.
1. Name of conveying party(les):	Name and address of receiving party(ics):
Harald Philipp, Brent Guard	Name: QRG Limited
Additional name(s) of conveying party(iss) attached?	Street Address: Level I, Exchange House, Primrose Street
[]Yes [X]No 3. Nature of conveyance: [X] Assignment [] Merger	City: <u>London</u> Zip: <u>FC2A 2HS</u> Country: <u>United Kingdom</u> Additional name(s) & address(es) susched? []Yes [X]N
[] Security Agreement [] Change of Name [] Other	
Execution Date: November 30, 2009, December 6, 2009	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new applic	ection, the execution date of the application is:
A. Petent Application No.(s)	B. Patent No.(3)
Serial No. 12/605,068, filed October 23, 2009	
Additional numbers attached? []Ves [X]No	
F 37	6. Total number of applications and patents involved.
5. Name and address of party to whom correspondence concerning document should be mailed:	7. Total fee (37 CFR 3.41):5 40.00
Name: <u>Bradley A. Forrest</u>	[[Enclosed
Address:	[X]Authorized to be charged to deposit account 19-0743
Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938	
Minneapolis, MN 554020938	 Please charge any additional fees or oredit any over payments to our Deposit Account No.: 19-0743
DO NOT	USE THIS SPACE
9. Statement and signature.	formation is true and correct and any attached copy is a true copy
of the original document.	
of the original document.	Jan 114 Land 10-100 2009
of the original document. Bradley A. Forrest/Reg. No. 30.837 Nams of Person Signing	10-10-2007 Signature Date

Mail Stop Assignment Recordation Services P.O. Box 1450

Alexandria, VA 22313-1450

PATENT REEL: 031344 FRAME: 0284

Atmel Ref: P036298QRG Attv Dkt: 3050.037US1

ASSIGNMENT

WHEREAS, I/WE, HARALD PHILIPP c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM and DAVID BRENT GUARD 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 12/605,068 (attorney docket no. 3050.037US1) filed on October 23, 2009, entitled "DRIVING ELECTRODES WITH DIFFERENT PHASE SIGNALS" (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 ECZA 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, 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 inumunities 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

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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

Execution

Executed on 70 day of November 2009 (month)

Witnessed by:

X 42 KNOTT

David Brone Golard

Bxecuted on Arday of <u>DIANGIC</u>, 2009 (month)

Witnessed by:

X LIZ KI

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