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Atty Ref/Docket No.: 3050).019US1
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Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please	record the attached original documents or copy thereof.		
Name of conveying party(ies):	2. Name and address of receiving party(les):		
Harald Philipp, Samuel Brunet, Matthew Trend, Alan	Name: QRG LIMITED		
Bowens	Street Address: Level 1, Exchange House Primrose Street		
Additional name(s) of conveying party(ies) attached?	London, EC2A 2HS		
[]Yes [X]No	United Kingdom		
3. Nature of conveyance:	Additional name(s) & address(es) attached? []Yes [X]No		
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other			
Execution Date: October 15, 2008, September 26, 2008, September 26, 2008, September 26, 2008	<u>, </u>		
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application, the	ne execution date of the application is:		
A. Patent Application No.(s)	B. Patent No.(s)		
Serial No. 12/114,709, filed May 2, 2008			
Additional numbers attached? []Yes [X]No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>		
Name: Bradley A. Forrest	[]Enclosed		
Address: Schwegman, Lundberg & Woessner, P.A.	[X]Authorized to be charged to deposit account 19-0743		
P.O. Box 2938 Minneapolis, MN 554020938	8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743		
DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document.	on is true and correct and any attached copy is a true copy		
Bradley A. Forrest/Reg. No. 30,837	18-2010		
Name of Person Signing	Signature Date		
Total number of pages including cover sheet: 5			
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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

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ATTORNEY REF:

ACKNOWLEDGEMENT by an Employee of the Right to apply for a Patent and AN ASSIGNMENT between

HARALD PHILIPP of c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM, a national of the UNITED STATES OF AMERICA (hereinafter referred to as "Inventor PHILIPP");

SAMUEL BRUNET of c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM, a national of FRANCE (hereinafter referred to as "Inventor BRUNET");

MATTHEW TREND of c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM, a national of the UNITED KINGDOM (hereinafter referred to as "Inventor TREND");

ALAN BOWENS of c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM, a national of the UNITED KINGDOM (hereinafter referred to as "Inventor BOWENS"); and

QRG LIMITED of 10 ROMSEY ROAD, EASTLEIGH, HAMPSHIRE, SO50 9AL, UNITED KINGDOM, a corporation organised under the laws of England.

WHEREAS :-

- (A) Inventor PHILIPP, Inventor BRUNET, Inventor TREND and Inventor BOWENS have together jointly made the Invention described in US patent application number 12/114,709 filed on 2 May 2008 (hereinafter referred to as "the Invention");
- (B) The Invention has been made during a period of Inventor BRUNET's employment with QRG LIMITED in the course of his normal duties with QRG LIMITED and by virtue of the terms of his employment with QRG LIMITED, Inventor BRUNET's part of the Invention is to be taken as between QRG LIMITED and Inventor BRUNET to belong to QRG LIMITED;
- (C) The Invention has been made during a period of Inventor TREND's employment with QRG LIMITED in the course of his normal duties with QRG LIMITED and by virtue of the terms of his employment with QRG LIMITED, Inventor TREND's part of the Invention is to be taken as between QRG LIMITED and Inventor TREND to belong to QRG LIMITED;
- (D) The Invention has been made during a period of Inventor BOWENS' employment with QRG LIMITED in the course of his normal duties with QRG LIMITED and by virtue of the terms of his employment with QRG LIMITED, Inventor BOWENS' part of the Invention is to be taken as between QRG LIMITED and Inventor BOWENS to belong to QRG LIMITED; and
- (E) Inventor PHILIPP agrees to assign his rights to the Invention, the right to apply for a patent or patents relating to the said Invention, together with all rights title and interest in and arising therefrom to QRG LIMITED.

NOW THIS AGREEMENT WITNESSES as follows:-

- 1. Inventor BRUNET HEREBY ACKNOWLEDGES that his rights to the Invention and all rights therein including the right to apply for a patent or patents relating to the Invention belongs to QRG LIMITED, and pursuant thereto HEREBY ASSIGNS TO AND CONFIRMS the vesting in QRG LIMITED of:
- (a) the whole of the property in the Invention throughout the world and any protection obtained at any time therefor and all rights title and interest which the Inventor may have or have been entitled to therein including all rights to bring proceedings for infringement thereof together with the full and exclusive benefit thereof; and
- (b) the right to apply for and obtain or to enable others to apply for and obtain a patent or patents or any other form of protection in respect of the Invention both in the United States of America and throughout the world.

ATTORNEY REF:

- 2. Inventor TREND HEREBY ACKNOWLEDGES that his rights to the Invention and all rights therein including the right to apply for a patent or patents relating to the Invention belongs to QRG LIMITED, and pursuant thereto HEREBY ASSIGNS TO AND CONFIRMS the vesting in QRG LIMITED of:
- (a) the whole of the property in the Invention throughout the world and any protection obtained at any time therefor and all rights title and interest which the Inventor may have or have been entitled to therein including all rights to bring proceedings for infringement thereof together with the full and exclusive benefit thereof; and
- (b) the right to apply for and obtain or to enable others to apply for and obtain a patent or patents or any other form of protection in respect of the Invention both in the United States of America and throughout the world.
- 3. Inventor BOWENS HEREBY ACKNOWLEDGES that his rights to the Invention and all rights therein including the right to apply for a patent or parents relating to the Invention belongs to QRG LIMITED, and pursuant thereto HEREBY ASSIGNS TO AND CONFIRMS the vesting in QRG LIMITED of:
- (a) the whole of the property in the Invention throughout the world and any protection obtained at any time therefor and all rights title and interest which the Inventor may have or have been entitled to therein including all rights to bring proceedings for infringement thereof together with the full and exclusive benefit thereof; and
- (b) the right to apply for and obtain or to enable others to apply for and obtain a patent or patents or any other form of protection in respect of the Invention both in the United States of America and throughout the world.
- 4. In pursuance of the agreement referred to in Recital (E) and IN CONSIDERATION of the sum of FIVE US DOLLARS, receipt of which is hereby confirmed, Inventor PHILIPP hereby assigns to QRG LIMITED all his rights in the Invention including the right to apply for a patent or patents and to exploit the Invention or any patent or other protection obtained in respect thereof TO HOLD the same unto QRG LIMITED absolutely.
- 5. Inventor BRUNET hereby undertakes to QRG LIMITED that he will at the expense of QRG LIMITED execute all documents and do all such acts and things as QRG LIMITED may in its 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 or its nominee free from all encumbrances and to enable or to assist QRG LIMITED or its nominee to defend oppositions to grant thereof, to maintain the same when granted and to present and prosecute for the infringement thereof.
- 6. Inventor TREND hereby undertakes to QRG LIMITED that he will at the expense of QRG LIMITED execute all documents and do all such acts and things as QRG LIMITED may in its 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 or its nominee free from all encumbrances and to enable or to assist QRG LIMITED or its nominee to defend oppositions to grant thereof, to maintain the same when granted and to present and prosecute for the infringement thereof.
- 7. Inventor BOWENS hereby undertakes to QRG LIMITED that he will at the expense of QRG LIMITED execute all documents and do all such acts and things as QRG LIMITED may in its 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 or its nominee free from all encumbrances and to enable or to assist QRG LIMITED or its nominee to defend oppositions to grant thereof, to maintain the same when granted and to present and prosecute for the infringement thereof.
- 8. Inventor PHILIPP hereby undertakes to QRG LIMITED that he will at the expense of QRG LIMITED execute all documents and do all such acts and things as QRG LIMITED may in its 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 or its nominee free from all encumbrances and to enable or to assist QRG LIMITED or its nominee to defend oppositions to grant thereof, to maintain the same when granted and to present and prosecute for the infringement thereof.
- Inventor BRUNET hereby warrants to QRG LIMITED:
- (a) that he has not assigned or agreed to assign to any person firm or company or otherwise encumbered the Invention or any other part of the rights therein and thereto;

ATTORNEY REF:

- (b) that he has not disclosed and will not disclose the Invention to any person firm or company other than QRG LIMITED except as directed by QRG LIMITED;
- (c) that he will give to QRG LIMITED all information in his possession or in his power relating to the Invention and the method of employing or using the same as QRG LIMITED shall require;
- (d) that he knows of no reason why a valid patent or valid patents relating to the Invention should not be granted either to himself or to his successors in title.
- Inventor TREND hereby warrants to QRG LIMITED:
- (a) that he has not assigned or agreed to assign to any person firm or company or otherwise encumbered the Invention or any other part of the rights therein and thereto;
- (b) that he has not disclosed and will not disclose the Invention to any person firm or company other than QRG LIMITED except as directed by QRG LIMITED;
- (c) that he will give to QRG LIMITED all information in his possession or in his power relating to the Invention and the method of employing or using the same as QRG LIMITED shall require;
- (d) that he knows of no reason why a valid patent or valid patents relating to the Invention should not be granted either to himself or to his successors in title.
- 11. Inventor BOWENS hereby warrants to QRG LIMITED:
- (a) that he has not assigned or agreed to assign to any person firm or company or otherwise encumbered the Invention or any other part of the rights therein and thereto;
- (b) that he has not disclosed and will not disclose the invention to any person firm or company other than QRG LIMITED except as directed by QRG LIMITED;
- (c) that he will give to QRG LIMITED all information in his possession or in his power relating to the Invention and the method of employing or using the same as QRG LIMITED shall require;
- (d) that he knows of no reason why a valid patent or valid patents relating to the Invention should not be granted either to himself or to his successors in title.
- 12. Inventor PHILIPP hereby warrants to QRG LIMITED:
- (a) that he has not assigned or agreed to assign to any person firm or company or otherwise encumbered the Invention or any other part of the rights therein and thereto;
- (b) that he has not disclosed and will not disclose the Invention to any person firm or company other than QRG LIMITED or except as directed by QRG LIMITED;
- (c) that he will give to QRG LIMITED all information in his possession or in his power relating to the Invention and the method of employing or using the same as QRG LIMITED shall require;
- (d) that he knows of no reason why a valid patent or valid patents relating to the Invention should not be granted either to himself or to his successors in title.

IN WITNESS thereof the parties have duly executed this document

SIGNED by Inventor PHILIPP:

Witness

ATTORNEY REF:	15/10/08 Date	Name: KELTH OBPIEN
SIGNED by Inventor BRUNET: SAMUEL BRUNET	26/09/08 Date	Witness KOR Name: KEITH O'BRIEN
SIGNED by Inventor TREND: MATTHEW TREND	26/9/08 Date	Witness /C O C Name: KEITH O'BRIEN
SIGNED by Inventor BOWENS: SIGNED by Inventor BOWENS: ALAN BOWENS	26/9 8 Date	Witness / O / Name: KEITH O BRIEN
SIGNED for and on behalf of QRG LII Parkentens Name: Parkens Lentens Capacity: Ofreches	MITED: 10/1/88 Date	Witness K O R- Name: KEITH O'BRIEN

----END----

PATENT REEL: 023959 FRAME: 0733

RECORDED: 02/18/2010