

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>Malcolm Harry Dunn</td> <td>02/27/2012</td> </tr> <tr> <td>Donald Walker</td> <td>02/27/2012</td> </tr> <tr> <td>David James Mark Stothard</td> <td>02/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Malcolm Harry Dunn	02/27/2012	Donald Walker	02/27/2012	David James Mark Stothard	02/27/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>University Court of The University of St Andrews</td> </tr> <tr> <td>Street Address:</td> <td>College Gate, North Street</td> </tr> <tr> <td>City:</td> <td>St Andrews</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>KY16 9AJ</td> </tr> </table>		Name:	University Court of The University of St Andrews	Street Address:	College Gate, North Street	City:	St Andrews	State/Country:	UNITED KINGDOM	Postal Code:	KY16 9AJ
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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>13392036</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13392036						
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CORRESPONDENCE DATA											
<p>Fax Number: (704)409-5606</p> <p>Phone: 919-286-8000</p> <p>Email: suzettesmall@mvalaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: MOORE & VAN ALLEN PLLC</p> <p>Address Line 1: P.O. BOX 13706</p> <p>Address Line 4: Research Triangle Pa, NORTH CAROLINA 27709</p>											
ATTORNEY DOCKET NUMBER:	013314-000054										
NAME OF SUBMITTER:	W. Kevin Ransom										
<p>Total Attachments: 6</p> <p>source=013314-000054AssignmentDoc#page1.tif</p>											

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the Patent and Trademark Office: Please record the attached documents or the new address(es) below.		Attorney Dkt. No.: 013314-000054
1. Name of conveying party(ies): Malcolm Harry Dunn, Donald Walker and David James Mark Stothard Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	2. Name and address of receiving party(ies): University Court of The University of St Andrews College Gate, North Street St Andrews, KY16 9AJ Great Britain Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3. Nature of conveyance/ Execution Date(s): Execution Date(s) February 27, 2012 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		
4. Application or patent number(s): A. Patent Application No.(s) <u>13 392 036</u> B. Patent No.(s) <input type="checkbox"/> This document is being filed together with a new application. Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
5. Name and address of party to whom correspondence concerning document should be mailed: MOORE & VAN ALLEN PLLC 430 Davis Drive, Suite 500 Post Office Box 13706 Research Triangle Park, NC 27709	6. Total number of applications and patents involved: 1	
	7. Total fee (37 CFR 1.21(h) & 3.41) <u>\$40.00</u> <input checked="" type="checkbox"/> Payment by EFT <input checked="" type="checkbox"/> Authorization to charge Deposit Account for any deficiency or credit any overpayment <input type="checkbox"/> None required (government interest not affecting title)	
	8. Deposit account number: 13-4365	
DO NOT USE THIS SPACE		
9. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> /W. Kevin Ransom/ _____ Name of Person Signing W. Kevin Ransom Reg. No. 45,031		
		Date: February 29, 2012 Total number of pages including cover sheet, attachments, and documents: 6
Electronically filed via the EFS-Web Electronic Filing System of the United States Patent and Trademark Office on February 29, 2012.		

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**PATENT
REEL: 027785 FRAME: 0704**

ASSIGNMENT

THIS ASSIGNMENT, made by us, Malcolm Harry Dunn, a citizen of Great Britain, Donald Walker, a citizen of Great Britain, and David James Mark Stothard, a citizen of Great Britain;

WITNESSETH: That,

WHEREAS, We are the joint inventors of certain new and useful improvements in

COMMUNICATION SYSTEM

(hereinafter referred to as the "Invention") for which: U.S. Utility Patent Application No. 13/392,036 was filed on February 23, 2012, with the United States Patent and Trademark Office (hereinafter referred to as the "Application"); and

WHEREAS, University Court of The University of St Andrews having a principal place of business at College Gate, North Street, St Andrews KY16 9AJ, Great Britain (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said Invention and said Application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said Assignee, its successors and assigns, the entire right, title, and interest in and to the said Invention and said Application, and in and to any and all non-provisionals, continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said Application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this Assignment and sale had not been made.

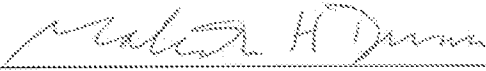
I hereby authorize the Assignee or its designee to insert the Application number and filing date into the preamble of this Assignment following my execution of the Assignment.

We hereby request that said Letters Patent be issued in accordance with this Assignment.

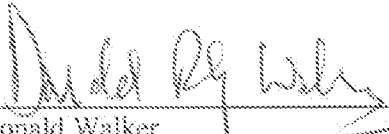
We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the Invention and Application above-mentioned, and that we have the unencumbered right and authority to make this Assignment.

We further covenant, and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to said Assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said Invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 27th day of
February, 2012.


_____(SEAL)
Malcolm Harry Dunn

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 29th day of February 2012.



Donald Walker (SEAL)

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 27th day of
Feb, 2012.



_____(SEAL)
David James Mark Stothard