

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>Brian Stewart</td> <td>05/11/2011</td> </tr> <tr> <td>Dr. Scott McMeekin</td> <td>05/11/2011</td> </tr> <tr> <td>Pingyu Liu</td> <td>05/09/2011</td> </tr> </tbody> </table>		Name	Execution Date	Brian Stewart	05/11/2011	Dr. Scott McMeekin	05/11/2011	Pingyu Liu	05/09/2011
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Brian Stewart	05/11/2011								
Dr. Scott McMeekin	05/11/2011								
Pingyu Liu	05/09/2011								
RECEIVING PARTY DATA									
Name:	University Court of Glasgow Calendonian University								
Street Address:	Cowcaddens Road								
City:	Glasgow								
State/Country:	UNITED KINGDOM								
Postal Code:	G4 OBA								
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>13124634</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13124634				
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Application Number:	13124634								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	031749/404587								
NAME OF SUBMITTER:	Jason P. Cooper								
Total Attachments: 4 source=404587Assignment#page1.tif source=404587Assignment#page2.tif source=404587Assignment#page3.tif source=404587Assignment#page4.tif									

CH \$40.00 13124634

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

University Court of Glasgow Caledonian University
Cowcaddens Road
Glasgow, G4 OBA
United Kingdom

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "**A TELECOMMUNICATIONS METHOD AND SYSTEM**"

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on
- U.S. Application No. 13/124,634
- Application is a National Phase of International Application No. PCT/GB2009/002473, filed October 16, 2009; which claims priority from Great Britain Application No. 0818989.6, filed October 16, 2008, all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions,

specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as October 16, 2008.

11th May 2011
Date

Brian Stewart
Brian STEWART

WITNESSES:

Deborah Irvine

(Typed Name of Witness) DEBORAH IRVINE

Donna McAlpine

(Typed Name of Witness) DONNA McALPINE

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Date

Scott M McMeekin
Dr. Scott McMEEKIN

WITNESSES:

Deborah Irvine

(Typed Name of Witness) DEBORAH IRVINE

Rosa McMeekin

(Typed Name of Witness) ROSA McMEEKIN

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9/5/11
Date

Pingyu Liu
Pingyu LIU

WITNESSES:

A. Morgan-Richards

Andrew Morgan-Richards

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Jingbo Gao

Attorney Docket No. 031749/404587