

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>Gordon Ivan Dodds</td><td>05/23/2008</td></tr><tr><td>Karen McMenemy</td><td>08/07/2008</td></tr><tr><td>Ashraf Zatari</td><td>06/01/2008</td></tr></tbody></table>	Name	Execution Date	Gordon Ivan Dodds	05/23/2008	Karen McMenemy	08/07/2008	Ashraf Zatari	06/01/2008	
Name	Execution Date								
Gordon Ivan Dodds	05/23/2008								
Karen McMenemy	08/07/2008								
Ashraf Zatari	06/01/2008								
RECEIVING PARTY DATA									
Name:	The Queen's University of Belfast								
Street Address:	University Road								
City:	Belfast BT7 1NN								
State/Country:	UNITED KINGDOM								
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>11966556</td></tr></tbody></table>	Property Type	Number	Application Number:	11966556					
Property Type	Number								
Application Number:	11966556								
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ATTORNEY DOCKET NUMBER:	2006982-0006								
NAME OF SUBMITTER:	John D. Lanza								
Total Attachments: 4 source=MURG_0006_Assignment#page1.tif source=MURG_0006_Assignment#page2.tif source=MURG_0006_Assignment#page3.tif									

OP \$40.00 11966556

PATENT

REEL: 022369 FRAME: 0655

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ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **GORDON IVAN DODDS** of Country Down, Northern, Banbridge, Great Britain, **KAREN McMENEMY** of Dungannon, Great Britain, and **ASHRAF ZATARI** of Belfast, Great Britain, hereby

Sell, assign and transfer to **The Queen's University of Belfast**, having a place of business at **University Road, Belfast BT7 1NN, Great Britain**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "**LIGHT MEASUREMENT METHOD AND APPARATUS**" filed **January 23, 2008**, and given serial number **11/996,556**, in and to said application and all divisional, continuing, substitute, renewal, reissue, reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful declarations, oaths, assignments and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE. Each of the undersigned also hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any material patent applications for which such common agency is recognized.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

S.N. 11/996,556

Attorney Docket No: 2006982-0006

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G. Dodds
Name: GORDON IVAN DODDS

23.05.08
Date

Witness:
A. Kerr
Name:

23.05.08
Date

Name: KAREN McMENEMY

Date

Witness:
Name:

Date

Name: ASHRAF ZATARI

Date

Witness:
Name:

Date

S.N. 11/996,556

Attorney Docket No: 2006982-0006

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4293326v1

Name: **GORDON IVAN DODDS**

Date

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Name:

Date

Name: *Karen McMenemy*
KAREN McMENEMY

Date

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Name:

Date

Name: **ASHRAF ZATARI**

Date

Witness:

Name:

Date

S.N. 11/996,556

Attorney Docket No: 2006982-0006

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4293326v1

Name: **GORDON IVAN DODDS**

Date

Witness:

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Date

Name: **KAREN McMENEMY**

Date

Witness:

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Date

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Name: **ASHRAF ZATARI**

1/6/2008
Date

Witness:

W. J. Montgomery
Name: **W. J. MONTGOMERY**

1/6/2008
Date

S.N. 11/996,556

Attorney Docket No: 2006982-0006

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