PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Roger Giles	06/17/2010
Dimitris Papanastasiou	07/19/2010

RECEIVING PARTY DATA

Name:	SHIMADZU RESEARCH LABORATORY (EUROPE) LIMITED	
Street Address:	Wharfside, Trafford Wharf Road	
City:	Manchester	
State/Country:	UNITED KINGDOM	
Postal Code:	M17 1GP	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13318317

CORRESPONDENCE DATA

Fax Number: (310)595-3400 Phone: 310-595-3000

Email: cliff.keyner@dlapiper.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: DLA PIPER US LLP
Address Line 1: 2000 Avenue of the Stars
Address Line 2: SUITE 400 North Tower

Address Line 4: LOS ANGELES, CALIFORNIA 90067-4704

ATTORNEY DOCKET NUMBER: 376931-000044

NAME OF SUBMITTER: Lawrence J. McClure

Total Attachments: 7 source=44_assg#page1.tif

PATENT REEL: 027150 FRAME: 0603 13318317

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RECORDATION FORM COVER LETTER

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY		
	To the Assistant Commissioner for Patents: Please re	Attorney Docket No.: 376931-000044 ecord the attached original documents or copy thereof.
1.	Name of conveying party(ies):	Name and address of receiving party(les);
Ī	Roger Giles executed 06/17/2010 Dimitris Papanastasiou executed 07/19/2010 ional name(s) of conveying party(ies) attached? Yes No	SHIMADZU RESEARCH LABORATORY (EUROPE) LIMITED Wharfside, Trafford Wharf Road Manchester, M17 1 GP
	Nature of conveyance:	
1	☐ Other	
i	Execution Date: June 17, 2010 and July 19, 2010	Additional name(s) & address(es) attached? Yes No
Application number(s) or patent number(s):		
1	If this document is being filed together with a new application, the execu	ution date of the application is: July 19, 2010
	A. Patent Application No.(s)	B. Patent No.(s)
	Additional numbers attac	ched? ☐ Yes ☒ No
	Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: [1]
Lawrence J. McClure, Esq. DLA PIPER LLP (US) 1999 Avenue of the Stars, Suite 400 Los Angeles, CA 90067	7. Total fee (37 CFR 3.41) \$40.00	
	2007 (tigalos, 071 0000)	Authorized to be charged to deposit account
Ī		8. Deposit account number:
I		07-1896
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9.	9. Statement and signature.	
To the best of my knowledge and belief the foregoing is true and correct and any attached copy is a true copy of the original document.		
	William L. Androlia	Date: October 31, 2011
OMB No. 0651-0011 (exp. 4/94)		
Mail documents to be recorded with required cover sheet information to:		
Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450		

ASSIGNMENT OF INVENTION AND RELATED INTELLECTUAL PROPERTY RIGHTS

Parties:

1 'The Assignor'

Roger Giles

23 Summervale, Holmfirth, West Yorkshire, HD9 7AG

2 'The Assignee'

Shimadzu Research Laboratory (Europe) Limited

Wharfside, Trafford Wharf Road, Manchester, M17 1GP

Recitals:

- (A) The Assignor is the inventor or a joint inventor of the invention or inventions entitled ION ANALYSIS APPARATUS AND METHOD OF USE ("the Invention") for which International PCT Application No. PCT/GB2010/000873 has been filed ("the PCT Application")
- (B) By virtue of agreement(s) made before the PCT Application was filed the Assignor was under an obligation to assign to the Assignee for the consideration hereinafter mentioned all his or her rights title and interest in to and under the Invention and the PCT Application for all countries designated therein, including (without limitation) Canada and the United States of America

Operative provisions:

In consideration for the payment of £1.00 by the Assignee to the Assignor the receipt and sufficiency of which are hereby acknowledged by the Assignor:

- 1 The Assignor hereby sells and assigns to the Assignee absolutely and free from incumbrances and with effect from immediately prior to the filing of the PCT application:
- 1.1 all his or her rights title and interest in Canada and the United States and all other countries of the world in to and under the Invention and the PCT Application and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;
- 1.2 all such rights as he or she may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in the Assignee or its successors or assigns;

1.3 all such rights as he or she may have to claim priority from all patent applications (if any) from which priority is claimed in the PCT Application in any and all applications for patent protection for the Invention, such rights to be enjoyed by the Assignee with effect from the date of filing of the PCT Application;

to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment not been made.

- The Assignor hereby GRANTS the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any patent applications in Canada or the United States or any other countries or regions of the world which fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of the United States Patent Office or the Canadian Patent Office or any other Patent Office for recordation of this document. It is understood and agreed that the Assignee's attorneys Mewburn Ellis LLP have not represented the Assignor and will continue to represent only the Assignee and its successors in title with respect to the Invention and all patent applications relating thereto.
- The Assignor hereby UNDERTAKES that at the request and cost of the Assignee or its successors or assigns he or she will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.
- 4 The Assignor hereby requests the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of the Assignee or its successors or assigns in accordance with this assignment.
- This assignment and undertaking shall be binding upon the Assignor's heirs, executors, administrators, successors and/or assigns and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.
- 6 This agreement shall be governed by and interpreted in accordance with the laws of England, and the courts of England shall have exclusive jurisdiction to settle any disputes which may arise in connection with this agreement.

AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto

SCHEDULE

United Kingdom Patent Application 0907619.1 dated 01 May 2009

SIGNED by Roger GILES	
the ASSIGNOR	
at: SRL	
on: 17/6/2010	Signature:
in the presence of:	
Witness	
Signature: AKU work	
Name: HIKARU MORIMOTO	
Address: 307 CHURCH ROAD, 1	BOLTON, BLI BRR, UK
	•
SIGNED for and on behalf of Shimadzu F	Research Laboratory (Europe) Limited
the ASSIGNEE	
at: SRL	中压掩响
on:17 / 96 / 2010.	Signature: THE
in the presence of:	Name: Hiroaki Nakanishi
Witness	Position: M.Đ
Signature: ##4 un?	IVIE
Name: HIKARU MORIMOTO	
Address: 397 CHURCH ROAD,	BOLTON, BLI SRR, UK

ASSIGNMENT OF INVENTION AND RELATED INTELLECTUAL PROPERTY RIGHTS

Parties:

1 'The Assignor'

Dimitris Papanastasiou

Iros Konstadpoulou 37-39, Kesariani, Athens 161-21, Greece

2 'The Assignee'

Shimadzu Research Laboratory (Europe) Limited

Wharfside, Trafford Wharf Road, Manchester, M17 1GP

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- 1.1 all his or her rights title and interest in Canada and the United States and all other countries of the world in to and under the Invention and the PCT Application and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;
- all such rights as he or she may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the invention to the intent that the grant of any patents or other intellectual property protection for the invention shall be in the name of and shall vest in the Assignee or its successors or assigns;

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- The Assignor hereby UNDERTAKES that at the request and cost of the Assignee or its successors or assigns he or she will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.
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AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto

SCHEDULE

United Kingdom Patent Application 0907619.1 dated 01 May 2009

SIGNED by Dimitris PAPANASTASIOU		
the ASSIGNOR		
at: ATHENS GARECE	α	
on: 1974 JULY 2010	Signature:	
in the presence of:		
Witness		
Signature:		
Name: E. RAPTALIS		
Address: LEFKIPPOS ATTICA TECH P	ARK, ATHENS, GR	
SIGNED for and on behalf of Shimadzu	Research Laboratory (Europe) Limited	
the ASSIGNEE		
at: SR L	- Clark	
on: 23 1 07 1 2010	Signature:	
in the presence of:	Name: J. Numacc	
Witness	Position: General Hawacen	
Signature: 774 uns.	SR.L.	
Name: HIKARU MORIMOTO		
Address: 397 CHURCH ROAD, BOLTON, BLI 5RR, UK		
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PATENT REEL: 027150 FRAME: 0611

RECORDED: 10/31/2011