# 502723743 03/14/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2770347

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY D	ATA					
			Name		Execution Date	
ANDREW MICHAEL MAIDEN					03/12/2014	
MARTIN JAMES HUMPHRY					02/25/2014	
RECEIVING PARTY DA	ТА					
Name:	PHASE	PHASE FOCUS LIMITED				
Street Address:	THE S	THE SHEFFIELD BIOINCUBATOR				
Internal Address:	40 LEA	VYG	REAVE			
City:	SHEFF	SHEFFIELD, SOUTH YORKSHIRE				
State/Country:		UNITED KINGDOM				
Postal Code:	S3 7R					
PROPERTY NUMBERS	Total: 1					
Property Type			Number			
Application Number:		1411	4086			
CORRESPONDENCE D Fax Number:	ΑΙΑ	(703)	997-4905			
Correspondence will be	e sent t	• •	e-mail address first; if that is uns	uccessfu	l, it will be sent via	
<b>US Mail.</b> <b>Phone:</b> 7039		170000				
		6@MH2LAW.COM				
		TECHNOLOGY LAW GROUP				
Address Line 1:		1951	KIDWELL DRIVE			
Address Line 2: SUIT		E 550				
Address Line 4:		TYSC	ONS CORNER, VIRGINIA 22182			
ATTORNEY DOCKET NUMBER:			0180.0002			
NAME OF SUBMITTER:			WILLIAM J. BROGAN			
SIGNATURE:			/William J. Brogan/			
DATE SIGNED:						
DATE SIGNED:			03/14/2014			
Total Attachments: 4			03/14/2014			
	SIGNME	NT#p	I			
Total Attachments: 4		•	age1.tif			
Total Attachments: 4 source=2014-03-14ASS	SIGNME	NT#p	age1.tif bage2.tif			

502723743

source=2014-03-14\_\_ASSIGNMENT#page4.tif

PATENT REEL: 032448 FRAME: 0156

#### ASSIGNMENT

WHEREAS We, Andrew Michael Maiden of Sheffield, United Kingdom and Martin James Humphry of Sheffield, United Kingdom, have invented certain improvements in and to the subject matter of

### METHOD AND APPARATUS FOR PROVIDING IMAGE DATA FOR CONSTRUCTING AN IMAGE OF A REGION OF A TARGET OBJECT

as described in U.S. Application No. 14/114,086 filed 25 October 2013, (hereinafter the Application);

AND, WHEREAS, at the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to PHASE FOCUS LIMITED, a corporation organized and existing under the laws of Great Britain, and having offices at The Sheffield Bioincubator, 40 Leavygreave, Sheffield, South Yorkshire, S3 7RD, Great Britain, (hereinafter Assignee);

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned have sold, assigned, transferred and set over and do hereby sell, assign, transfer and set over unto Assignee, its successors, assigns, and legal representatives, our entire right, title and interest in and to:

the invention or inventions as described in the Application, in all forms and embodiments thereof and in all countries and other jurisdictions;

the Application and all applications filed in all countries and jurisdictions based thereon or otherwise for the invention or inventions, including direct or indirect divisional, continuation, continuation-in-part, or substitute applications, and including the right to file all said applications under the provisions of the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or other international convention or agreement;

all patents and reissues, reexaminations, or extensions thereof to be obtained in all countries and jurisdictions upon said invention or inventions or from all said applications; and

all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation;

1 of 2

## PATENT REEL: 032448 FRAME: 0157

AND, the undersigned hereby authorize and request the issuing authorities in all countries and jurisdictions to issue all patents on all said applications to Assignee or its successors and assigns;

AND, the undersigned further agree for ourselves and our heirs, executors and administrators, without any further payment or compensation by Assignee or its successors and assigns, to communicate to Assignee, its successors and assigns and to their representatives and agents, all facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in all interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make all of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in all countries and jurisdictions;

AND, the undersigned hereby covenant for ourselves and our legal representatives, and agree with said Assignee, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements and inventions to anyone except said Assignee, that prior to the execution of this Assignment, our right, title and interest in said improvements and inventions had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict herewith;

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seal.

12/03/14 Date

Andrew Michael Maiden

Date

**Martin James Humphry** 

#### Docket No. 0180.0002 (CAB/P134491US)

#### ASSIGNMENT

WHEREAS We, Andrew Michael Maiden of Sheffield, United Kingdom and Martin James Humphry of Sheffield, United Kingdom, have invented certain improvements in and to the subject matter of

## METHOD AND APPARATUS FOR PROVIDING IMAGE DATA FOR CONSTRUCTING AN IMAGE OF A REGION OF A TARGET OBJECT

as described in U.S. Application No. 14/114,086 filed 25 October 2013, (hereinafter the Application);

AND, WHEREAS, at the time of the invention of the improvements, said improvements were assigned to or under obligation of assignment to PHASE FOCUS LIMITED, a corporation organized and existing under the laws of Great Britain, and having offices at The Sheffield Bioincubator, 40 Leavygreave, Sheffield, South Yorkshire, S3 7RD, Great Britain, (hereinafter Assignee);

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned have sold, assigned, transferred and set over and do hereby sell, assign, transfer and set over unto Assignee, its successors, assigns, and legal representatives, our entire right, title and interest in and to:

the invention or inventions as described in the Application, in all forms and embodiments thereof and in all countries and other jurisdictions;

the Application and all applications filed in all countries and jurisdictions based thereon or otherwise for the invention or inventions, including direct or indirect divisional, continuation, continuation-in-part, or substitute applications, and including the right to file all said applications under the provisions of the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or other international convention or agreement:

all patents and reissues, reexaminations, or extensions thereof to be obtained in all countries and jurisdictions upon said invention or inventions or from all said applications; and

all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation;

1 of 2

## PATENT REEL: 032448 FRAME: 0159

AND, the undersigned hereby authorize and request the issuing authorities in all countries and jurisdictions to issue all patents on all said applications to Assignee or its successors and assigns;

AND, the undersigned further agree for ourselves and our heirs, executors and administrators, without any further payment or compensation by Assignee or its successors and assigns, to communicate to Assignee, its successors and assigns and to their representatives and agents, all facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in all interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make all of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in all countries and jurisdictions;

AND, the undersigned hereby covenant for ourselves and our legal representatives, and agree with said Assignee, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements and inventions to anyone except said Assignee, that prior to the execution of this Assignment, our right, title and interest in said improvements and inventions had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict herewith;

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seal.

Andrew Michael Maiden

Date

25/2/14

and the second		
and the first and the second sec	And the second s	
Martin James Mommhry	······////////////////////////////////	

2 of 2

## PATENT REEL: 032448 FRAME: 0160

### **RECORDED: 03/14/2014**