PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW HOPWOOD	08/13/2012
NINA MORAN	10/19/2012
PIERIS KOUMI	10/28/2012
JOHN LEE-EDGHILL	08/07/2012

RECEIVING PARTY DATA

Name:	FORENSIC SCIENCE SERVICE LIMITED	
Street Address:	TRIDENT COURT, 2920 SOLIHULL PARKWAY, BIRMINGHAM BUSINESS PARK	
City:	BIRMINGHAM	
State/Country:	UNITED KINGDOM	
Postal Code:	B37 7YN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12703025

CORRESPONDENCE DATA

Fax Number: (612)332-9081

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 612.332.5300

Email: akramber@merchantgould.com

Correspondent Name: ERIC E. DEMASTER

Address Line 1: PO BOX 2903

Address Line 2: MERCHANT & GOULD P.C.

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	07500.0568FPU1	
NAME OF SUBMITTER:	ERIC E. DEMASTER	
Signature:	/Eric E. DeMaster/	

502518375 REEL: 031330 FRAME: 0480

IOP \$40,00 12703025

Date:	10/02/2013
Total Attachments: 8 source=Signed_Assign_to_FSS#page1.tif source=Signed_Assign_to_FSS#page2.tif source=Signed_Assign_to_FSS#page3.tif source=Signed_Assign_to_FSS#page4.tif source=Signed_Assign_to_FSS#page5.tif source=Signed_Assign_to_FSS#page6.tif source=Signed_Assign_to_FSS#page7.tif source=Signed_Assign_to_FSS#page8.tif	

PATENT REEL: 031330 FRAME: 0481

INSTRUCTIONS

US ASSIGNMENT TO CORPORATION

WHEREAS.

Inventor(s) Name, Address, Citizenship

- 1. Andrew HOPWOOD residing at Trident Court, 2920 Solihull Parkway, Birmingham Business Park, Solihull B37 7YN, UNITED KINGDOM and a citizen of THE UNITED KINGDOM;
- 2. Nina MORAN residing at Trident Court, 2920 Solihull Parkway, Birmingham Business Park, Solihull B37 7YN, UNITED KINGDOM and a citizen of THE UNITED KINGDOM:
- 3. Pieris KOUMI residing at Trident Court, 2920 Solihull Parkway, Birmingham Business Park, Solihull B37 7YN, UNITED KINGDOM and a citizen of THE UNITED KINGDOM;
- 4. John LEE-EDGHILL residing at Trident Court, 2920 Solihull Parkway, Birmingham Business Park, Solihull B37 7YN, UNITED KINGDOM and a citizen of THE UNITED KINGDOM;

Check the appropriate box and fill in the requested information:

- select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution;
- select the second check box if the application will be filed without the executed assignment once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation;
- select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or
- select the fourth check box if the application will be filed with the application.

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled IMPROVEMENTS IN AND RELATING TO PERFORMANCE and which:

	is the national stage application of International Application No.
	filed on;
	will be filed without this executed PATENT ASSIGNMENT. THE
	UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S
	legal representatives, of Merchant & Gould PC, who are associated
	with customer number 23552, to insert here in parenthesis (U.S.
	Serial No, filed) this
	application's U.S. Serial Number and filing date, when known;
\boxtimes	was filed on 9 February 2010 and was given U.S. Serial No.
	12/703025; or
	is filed concurrently herewith;

Name of Corporation

AND WHEREAS <u>FORENSIC SCIENCE SERVICE LIMITED</u> (herein called "ASSIGNEE"), a corporation organized under the laws of UNITED KINGDOM, and having an office and place of business at <u>Trident Court</u>, 2920 <u>Solihull Parkway</u>, <u>Birmingham Business Park</u>, <u>Birmingham B37 7YN</u>, <u>UNITED KINGDOM</u>

State or Country of Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date Note: No legalization or other witness required

Andrew HOPWOOD	Signature:	Date:
Nina MORAN	Signature:	Date:
Pieris KOUMI	Signature: P. Kouni	Date: 28/10/12
John LEE-EDGHILL	Signature:	Date:

INSTRUCTIONS

US ASSIGNMENT TO CORPORATION

WHEREAS,

Inventor(s) Name, Address, Citizenship

- 1. Andrew HOPWOOD residing at Trident Court, 2920 Solihull Parkway, Birmingham Business Park, Solihull B37 7YN, UNITED KINGDOM and a citizen of THE UNITED KINGDOM;
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- 4. John LEE-EDGHILL residing at Trident Court, 2920 Solihull Parkway. Birmingham Business Park, Solihull B37 7YN, UNITED KINGDOM and a citizen of THE UNITED KINGDOM;

in the requested information:

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	will be filed withou	t this executed PAT	ENT ASSIGNMENT. T	HE
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	with customer num	ber 23552, to insert	here in parenthesis (U.S.	
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	application's U.S.	Serial Number and fi	iling date, when known;	
			given U.S. Serial No.	
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	is filed concurrently	herewith;		
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execution; or

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Each inventor must sign & date Note: No legalization or other witness required

Andrew HOPWOOD	Signature:	Date:
Nina MORAN	Signature:	Date:
Pieris KOUMI	Signature:	Date: * ** *** *** **** **** **** **** ***
John LEE-EDGHILL	Signature:	Date: 07 TH AUGUST 2012

INSTRUCTIONS	<u>US ASSIGNMENT TO CORPOR</u>	<u>ATION</u>
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Inventor(s) Name,		0 G 12 U.D. I
Address, Citizenship	1. Andrew HOPWOOD residing at Trident Court, 292	
	Birmingham Business Park, Solihull B37 7YN, UNIT	ED KINGDOM and a
	citizen of THE UNITED KINGDOM; 2. Nina MORAN residing at Trident Court, 2920 Solih	ull Parkway Birmingham
	Business Park, Solihull B37 7YN, UNITED KINGDO	
a and her silver filter proper	UNITED KINGDOM;	WI WING & CITIZON OF TITE
 Ocknowledge, maggetter at A. Brazilli. 	3. Pieris KOUMI residing at Trident Court, 2920 Solih	ull Parkway, Birmingham
	Business Park, Solihull B37 7YN, UNITED KINGDO	M and a citizen of THE
	UNITED KINGDOM;	
ESECUTION PROGRAMMENTS	4. John LEE-EDGHILL residing at Trident Court, 292	
	Birmingham Business Park, Solihull B37 7YN, UNIT	ED KINGDOM and a
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		John Alley gar arrend
Andrew HOPWOOD	Signature:	Date: /3. 08.12
Nina MORAN	Signature:	Date:
Pieris KOUMI	Signature:	Date:
John LEE-EDGHILL	Signature:	Date:

INSTRUCTIONS	US ASSIGNMENT TO CORPORATION
Inventor(s) Name,	California de Mario de 1884 de España de Arra de California de Californi
Address, Citizenship	1. Andrew HOPWOOD residing at Trident Court, 2920 Solihull Parkway,
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Nina MORAN	Signature:	Date: 19042012
Pieris KOUMI	Signature:	Date:
John LEE-EDGHILL	Signature:	Date:

Page 2 of 2