

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4495859

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTOPHER BOWDON	08/22/2014
PAUL DAVID FEATONBY	08/22/2014
JAMES STEPHEN HOWSTAN	08/22/2014
KENNETH PEARSON (LEGAL REP. OF PETER JACKSON - DECEASED)	08/22/2014
KENNETH JAMES	08/22/2014
EMANUELE RONCHI	08/22/2014
RECEIVING PARTY DATA	
Name:	JOHNSON MATTHEY PUBLIC LIMITED COMPANY
Street Address:	5TH FLOOR 25 FARRINGDON STREET
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC4A 4AB
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14355268
CORRESPONDENCE DATA	
Fax Number:	(703)685-0573
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	703-521-2297
Email:	EBelmonte@young-thompson.com
Correspondent Name:	YOUNG & THOMPSON
Address Line 1:	209 MADISON STREET
Address Line 2:	SUITE 500
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	3205-1068
NAME OF SUBMITTER:	ERIC JENSEN
SIGNATURE:	/Eric Jensen/
DATE SIGNED:	07/10/2017

Total Attachments: 7

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ASSIGNMENT

This Assignment is made the 22 day of AUGUST 2014

BETWEEN

BOWDON, Christopher a British Citizen of 44 Mortimer Road, Kempston, Bedfordshire, MK42 8RE, United Kingdom and

FEATONBY, Paul David a British Citizen of Harby House, Ovingham Road, Wylam, Northumberland, NE41 8AW, United Kingdom and

HOWSTAN, James Stephen a British Citizen of 11 Buttermere Grove, West Auckland, Bishop Auckland, County Durham, DL14 9LG, United Kingdom and

JACKSON, Peter (deceased)

JAMES, Kenneth a British Citizen of 39 Hemingford Gardens, Yarm, Cleveland, TS15 9ST, United Kingdom and

RONCHI Emanuele, an Italian Citizen of 1 Hill View, Ingleby Barwick, Stockton-on-Tees, Cleveland, TS17 5AH, United Kingdom,

(each an "Inventor" and together "the Inventors")

AND

JOHNSON MATTHEY PUBLIC LIMITED COMPANY, a company incorporated in England and Wales with company number 33774, the registered office of which is at 5th Floor, 25 Farringdon Street, London EC4A 4AB, United Kingdom ("JM").

WHEREAS:

- (A) The Inventors have made an invention ("the Invention"), which is described in the patent specification entitled "Scanning Method and Apparatus" filed as listed below: ("the Applications");

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
United Kingdom (GB)	1118943.8	02 November 2011
United Kingdom (GB)	1118944.6	02 November 2011
United Kingdom (GB)	1200744.9	17 January 2012
United States (US)	61/597354	10 February 2012
United States (US)	61/597237	10 February 2012
United States (US)	61/597272	10 February 2012
International (WO)	PCT/GB2012/052737	2 November 2012

- (B) By virtue of the Inventors' employment within the JM Group, the Invention and the Application are the property of JM.

NOW IT IS HEREBY AGREED AS FOLLOWS

JMPLC Patent Assignment February 2014

PATENT
REEL: 042953 FRAME: 0050

1. In consideration of their employment within the JM Group, the Inventors hereby assign to JM with full title guarantee:-
- (i) their legal title in and to the Invention;
 - (ii) their legal title in and to the Application;
 - (iii) the right to make further applications for Letters Patent or other form of protection for the Invention in any and all countries;
 - (iv) the right to claim priority for such applications from the Application; and
 - (v) the right to any and all Letters Patent or other forms of protection which may be granted in respect of the Invention.

together with the sole and exclusive benefit thereof and all rights, privileges and advantages whatsoever appertaining thereto (as far as the same would but for this assignment arise or accrue to the benefit of the Inventors).

2. The Inventors covenant and agree to sign all papers and drawings, take all rightful oaths and do all acts necessary or required by JM to be done for the procurement of Letters Patent or other form of protection for the Invention and for further vesting or confirming the legal title thereof in JM without charge to JM but at its expense.
3. This Assignment is governed by and shall be interpreted according to the laws of England and Wales.

IN WITNESS of which this Assignment has been executed under hand the day and year first before written.

BOWDON, Christopher *Chris Bowdon*

in the presence of: Jack Goodfriend

Signature of Witness: *Jack Goodfriend*

Address of Witness: E Avonvale Road

Bath

Occupation of Witness: BA1 3EG

Software Engineer

FEATONBY, Paul David _____

in the presence of:

Signature of Witness: _____

Address of Witness: _____

Occupation of Witness: _____

1. In consideration of their employment within the JM Group, the Inventors hereby assign to JM with full title guarantee:-

- (i) their legal title in and to the Invention;
- (ii) their legal title in and to the Application;
- (iii) the right to make further applications for Letters Patent or other form of protection for the Invention in any and all countries;
- (iv) the right to claim priority for such applications from the Application; and
- (v) the right to any and all Letters Patent or other forms of protection which may be granted in respect of the Invention.

together with the sole and exclusive benefit thereof and all rights, privileges and advantages whatsoever appertaining thereto (as far as the same would but for this assignment arise or accrue to the benefit of the Inventors).

2. The Inventors covenant and agree to sign all papers and drawings, take all rightful oaths and do all acts necessary or required by JM to be done for the procurement of Letters Patent or other form of protection for the Invention and for further vesting or confirming the legal title thereof in JM without charge to JM but at its expense.

3. This Assignment is governed by and shall be interpreted according to the laws of England and Wales.

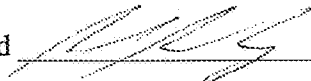
IN WITNESS of which this Assignment has been executed under hand the day and year first before written.

BOWDON, Christopher _____


in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

FEATONBY, Paul David  _____

in the presence of :

Signature of Witness:  _____
Address of Witness : _____

Occupation of Witness : 5 VILLOW PLACE
WOLLETT BARWICK
TS 12 5LU

SENIOR PHYSICIAN

HOWSTAN, James Stephen J. Howstan

in the presence of :

Signature of Witness: J.R. Smeat

Address of Witness : 11 BUTTERMERE GROVE
WEST AUCKLAND

Occupation of Witness : OFFICE MANAGER

PEARSON, Kenneth _____
Legal Representative of JACKSON, Peter (deceased)

in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

JAMES, Kenneth _____

in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

RONCHI, Emanuele _____

in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

SIGNED for and on behalf of Johnson Matthey Public Limited Company

by _____
GIBSON, Sara Hillary Margaret

in the presence of:

HOWSTAN, James Stephen _____

in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

PEARSON, Kenneth K. Pearson
Legal Representative of JACKSON, Peter (deceased)

in the presence of : CHRISTEL-LEE WITBER

Signature of Witness: [Signature]
Address of Witness : 11 JOHN STREET

Occupation of Witness : ADMINISTRATION

JAMES, Kenneth _____

in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

RONCHI, Emanuele _____

in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

SIGNED for and on behalf of Johnson Matthey Public Limited Company

by _____
GIBSON, Sara Hillary Margaret

in the presence of:

HOWSTAN, James Stephen _____

in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

PEARSON, Kenneth _____
Legal Representative of JACKSON, Peter (deceased)

in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

JAMES, Kenneth *[Signature]* _____

in the presence of :

Signature of Witness: *[Signature]*
Address of Witness : Colo Keelaw Unit
North Tees Hospital
Stockton

Occupation of Witness : Senior clinical nurse.

RONCHI, Emanuele _____

in the presence of :

Signature of Witness: _____
Address of Witness : _____

Occupation of Witness : _____

SIGNED for and on behalf of Johnson Matthey Public Limited Company

by _____
GIBSON, Sara Hillary Margaret

in the presence of:

HOWSTAN, James Stephen _____

in the presence of :

Signature of Witness: _____

Address of Witness : _____

Occupation of Witness : _____

PEARSON, Kenneth _____

Legal Representative of JACKSON, Peter (deceased)

in the presence of :

Signature of Witness: _____

Address of Witness : _____

Occupation of Witness : _____

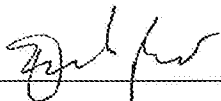
JAMES, Kenneth _____

in the presence of :

Signature of Witness: _____

Address of Witness : _____

Occupation of Witness : _____

RONCHI, Emanuele  _____

in the presence of :

Signature of Witness:  _____

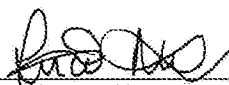
Address of Witness : 35 Levenside

Stokeley

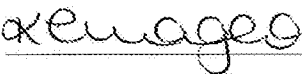
N. Yorks

Occupation of Witness : Physicist.

SIGNED for and on behalf of Johnson Matthey Public Limited Company

by  _____
GIBSON, Sara Hillary Margaret | LUCIE MILLER

in the presence of:

 _____ KELLY FIRMAGER - IP ADMINISTRATOR
7 MADISON GROVE, NORMANBY, U.K.

JMPLC Patent Assignment February 2014

PATENT