# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3895870

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AZADEH FIROUZIAN	10/22/2015
JENS KAFTAN	10/20/2015
MATTHEW DAVID KELLY	10/22/2015
ANTONIOS MAKROPOULOS	10/22/2015

### **RECEIVING PARTY DATA**

Name:	SIEMENS PLC
Street Address:	FARADAY HOUSE
Internal Address:	SIR WILLIAM SIEMENS SQUARE
City:	FRIMLEY, CAMBERLEY, SURREY
State/Country:	UNITED KINGDOM
Postal Code:	GU 16 8QD

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14796361

#### CORRESPONDENCE DATA

Fax Number: (312)258-5600

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.

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SCHIFF HARDIN LLP PATENT DEPARTMENT Address Line 2:

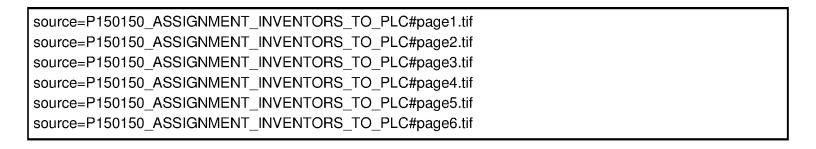
Address Line 4: CHICAGO, ILLINOIS 60606-6473

ATTORNEY DOCKET NUMBER:	P15,0150 (26965-5269)
NAME OF SUBMITTER:	DONNA B. MORGAN
SIGNATURE:	/DONNA B. MORGAN/
DATE SIGNED:	05/31/2016
·	

**Total Attachments: 6** 

**PATENT** REEL: 038752 FRAME: 0554

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PATENT REEL: 038752 FRAME: 0555

Docket No.: 2014P05290 US

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#### **ASSIGNMENT**

For good and valuable consideration, I (We),

Azadeh FIROUZIAN, residing at 202 Woodstock Road, OXFORD, OX2 7NH, GB, citizen of NL Jens Kaftan, residing at 8 Prestwich Place, Oxford, OX2 0ED, GB, citizen of DE Matthew David Kelly, residing at 4, Labumum Rd, Oxford OX2 9EL, GB, citizen of GB Antonios Makropoulos, residing at 5 Thames Court, Thames Street, Enysham, OX29 4JW, GB, citizen of

hereafter individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to Siemens plc, a corporation organized and existing under the laws of UNITED KINGDOM, having its principal place of business at Faraday House, Sir William Siemens Square, Frimley, Camberley, Surrey, GU16 8QD, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of UNITED KINGDOM or (ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)(I) to the extent such laws of UNITED KINGDOM or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filling date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: AUTOMATIC BACKGROUND REGION SELECTION FOR LESION DELINEATION IN MEDICAL IMAGES

Filing Date: 10 Jul 2015 Filing Number: 14/796,361

Internal Case Number(s): 2014P05290 US

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

IDNA: 1930 / 21.05.2015

Docket No.: 2014P05290 US Page 2 of 2

(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and/or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no

assignment, grant, mortgage, license or other	agreement affecting the rights and property herein dersigned, and that full right to convey the same as gned.
-	(find i)
Witness Signature	Azadeh FIRÓÚZIAN
C. A. Bishop	22/10/2015
printed name	Date
Witness Signature	Jens Kaftan
printed name	Date
Witness Signature	Matthew David Kelly
	Matthew David Kelly
printed name	Date
Witness Signature	
withess dignature	Antonios Makropoulos
printed name	Date
Siemens plc Signature(s)	Charle
Name(s) Olaf Bruns (se attorney for Siemens plc)	Clive Harry French (as attorney for Siemens plc)
Title: Lead IP Counsel GB	Senior IP Counsel
Date 29 0000 860 2016	Zd Ashler 2016

Docket No.: 2014P05290 US

Page 1 of 2

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(B)(I) to the extent such laws of UNITED KINGDOM or such Patent & Secrecy Agreement or similar legal document failed or falls, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and Interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filling date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell, and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following Identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: AUTOMATIC BACKGROUND REGION SELECTION FOR LESION DELINEATION IN MEDICAL IMAGES

Filing Date: 10 Jul 2015 Filing Number: 14/796,361

Internal Case Number(s): 2014P05290 US

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and In and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

IDNR: 1930 / 21.05.2015

PATENT REEL: 038752 FRAME: 0558

Docket No.: **2014P05290 US** Page 2 of 2

(II) Agree that sald Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to sald Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to sald inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and/or improvements and all applications for patents and all patents on said inventions and/or improvements, in sald Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness Signature	Azadeh FIROUZIAN
printed name	Date
Witness signature	J- Jal Jerio aftan
printed name	20/10 / 2015 Date
Witness Signerare	Matthew David Kelly
printed name	23/10/2015 Date
Witness Signature	Antonios Makropoulos
printed name	Date
Signature(s)  Name(s) Olaf Bruns (seattorney for Siemens pic)	Clive Harry French (as attorney for Siemens pic)
Title: Lead IP Counsel GB Date 28 OCTOBEC ZOLT	Senior IP Counsel 30 October 2015

Docket No.: 2014P05290 US

Page 1 of 2

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Docket No.: **2014P05290 US** Page 2 of 2

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Witness Signature	Azadeh FIROUZIAN
printed name	Date
Witness Signature	Jens Kaftan
printed name	Date
Witness Signature	Matthew David Kelly
printed name	Date
Witness Signature	Antonios Makropoulos
Afroditi Katika printed name	22/10/2015 Date
Siemens plc Signature(s) Name(s) Olaf Bruns (as attorney for Siemens plc) Clive	Harry French (as attorney for Siemens plc)
Title: Lead IP Counsel GB  Date	Senior IP Counsel 30 october 2015

PATENT REEL: 038752 FRAME: 0561

RECORDED: 05/31/2016