503723821 03/07/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3770462

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY SIEWERDSEN	10/09/2015
ADAM WANG	10/08/2015

RECEIVING PARTY DATA

Name:	THE JOHNS HOPKINS UNIVERSITY
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City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21218-2695

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14795206

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: HOLLYWOOD, FLORIDA 33022-2480

ATTORNEY DOCKET NUMBER:	2015P09509
NAME OF SUBMITTER:	RALPH E LOCHER
SIGNATURE:	/ralph e locher/
DATE SIGNED:	03/07/2016

Total Attachments: 4

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PATENT REEL: 037903 FRAME: 0959

Docket No.: 2015P09509 US01

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ASSIGNMENT

For good and valuable consideration, I (We),

Jeffrey Siewerdsen, residing at 414 Water Street #2713, Baltimore, MD 21202, US, citizen of US **Adam Wang,** residing at 3217 Guilford Avenue, #3, Baltimore, MD 21218, US, citizen of US

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

Hereby, (I) acknowledge having previously assigned, sold and transferred to **The Johns Hopkins University**, organized and existing under the laws of UNITED STATES OF AMERICA, having its principal place of business at 3400 North Charles Street, Baltimore, 21218-2695, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of UNITED STATES OF AMERICA 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 STATES OF AMERICA 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 filing 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: Method for Preview of Low-Dose X-ray Projection and Tomographic Images from a Previous Volumetric Image

Filing Date: **09 Jul 2014** Filing Number: **62/022,548**

Internal Case Number(s): 2015P09509 US

Patent Application Title: Method and device for generating a low-dose x-ray image preview, imaging system and computer program product

Filing Date: **09 Jul 2015** Filing Number: **14/795,206**

Internal Case Number(s): 2015P09509 US01

IDNR: 1930 / 21.05.2015

PATENT REEL: 037903 FRAME: 0960

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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;

(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 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.

Sulle Thomas Signature	Jeffrey Siewerdsen
Leslie Stabile. printed name	10/9/2015 Date
Witness Signature	Adam Wang
printed name	

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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;

(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 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 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	Jeffrey Siewerdsen
printed name	Date
Witness Signature	Adam Wang
79my Lam printed name	10 /08 //5 Date

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Representativ The Johns Ho	ve(s) pkins University	
Signature(s):	Simples	
Name(s):	Section Administration	······
Title:	Assas Boskins Technolog Se	
Date:	17 Feb 2016	

PATENT REEL: 037903 FRAME: 0963

RECORDED: 03/07/2016