

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3378126

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YU ZOU	05/11/2015
XIAOLAN WANG	05/07/2015
ADAM PETSCHKE	05/28/2015
CHUNGUANG CAO	05/28/2015
YUEXING ZHANG	05/27/2015
RECEIVING PARTY DATA	
Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-8001
Name:	TOSHIBA MEDICAL SYSTEMS CORPORATION
Street Address:	1385 SHIMOISHIGAMI, OTAWARA-SHI
City:	TOCHIGI
State/Country:	JAPAN
Postal Code:	324-8550
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14676594
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
<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) 413-3000
Email:	mvukovic@oblon.com
Correspondent Name:	OBLON, ET AL.
Address Line 1:	1940 DUKE STREET
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	433449US

NAME OF SUBMITTER:	MARA VUKOVIC
SIGNATURE:	/Mara Vukovic/
DATE SIGNED:	06/02/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5 source=433449USASSIGNMENT#page1.tif source=433449USASSIGNMENT#page2.tif source=433449USASSIGNMENT#page3.tif source=433449USASSIGNMENT#page4.tif source=433449USASSIGNMENT#page5.tif	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

Title of Invention	A PRE-RECONSTRUCTION CALIBRATION, DATA CORRECTION, AND MATERIAL DECOMPOSITION METHOD AND APPARATUS FOR PHOTON- COUNTING SPECTRALLY-RESOLVING X-RAY DETECTORS AND X-RAY IMAGING
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As the below named inventor, I hereby declare that:

This declaration ☐ The attached application, or

is directed to: ☒ United States application or PCT international application number 14/676,594
filed on April 1, 2015

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, KABUSHIKI KAISHA TOSHIBA and TOSHIBA MEDICAL SYSTEMS CORPORATION
(hereinafter referred to as "ASSIGNEES") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo
105-8001 Japan and 1385 Shimoishigami, Otawara-shi, Tochigi 324-8550 Japan, respectively are desirous of jointly
acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that
may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby
acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto
said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions
and in all foreign countries (including the right to claim priority under the terms of the International Convention and
other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and
interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial
possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations,
substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and
any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the
assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES,
their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and
entirely as the same would have been held by me had this Assignment and sale not been made.

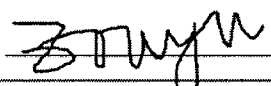
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me
respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,
continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and
all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything
possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said
invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001
by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

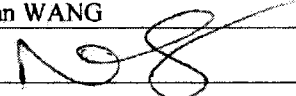
Inventor: Yu ZOU

Date: 5/11/2015

Signature: 

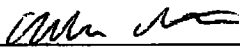
OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
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ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR	
Inventor: <u>Xiaolan WANG</u>	Date: <u>5/7/2015</u>
Signature: 	

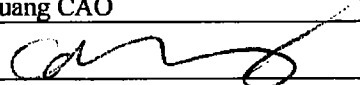
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LEGAL NAME OF INVENTOR	
Inventor: <u>Adam PETSCHKE</u>	Date: <u>5/28/15</u>
Signature: <u></u>	

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Inventor: <u>Chunguang CAO</u>	Date: <u>5/28/2015</u>
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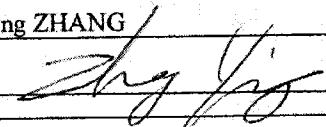
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Inventor: Yuxing ZHANG

Date: 5/27/2015

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