503288184 04/30/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3334802

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADAM PETSCHKE	04/08/2015
YU ZOU	04/09/2015
ZHOU YU	04/07/2015

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA	
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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:	14293427

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	431194US20X
NAME OF SUBMITTER:	KOMMALA KEOVONGPHET
SIGNATURE:	/KOMMALA KEOVONGPHET/

PATENT 503288184 REEL: 035540 FRAME: 0849

DATE SIGNED:	04/30/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3	
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source=431194US_Assignment#page2.tif	
source=431194US Assignment#page3.tif	

PATENT REEL: 035540 FRAME: 0850

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	RECONSTRUCTION OF COMPUTED TOMOGRAPHY IMAGES USING
Invention	COMBINED THIRD-GENERATION AND FOURTH-GENERATION
	PROJECTION DATA
As the below name	d inventor, I hereby declare that:
	The attached application, or
is directed to:	United States application or PCT international application number 14/293,427 filed on June 2, 2014
The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
	BUSHIKI KAISHA TOSHIBA and TOSHIBA MEDICAL SYSTEMS CORPORATION
105-8001 Japan and acquiring interests	d to as "ASSIGNEES") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo d 1385 Shimoishigami, Otawara-shi, Tochigi 324-8550 Japan, respectively are desirous of jointly in the entire right, title and interest in and to said invention and in and to any Letters Patent that refore in the United States and its territorial possessions and in any and all foreign countries;
acknowledged, and said ASSIGNEES, and in all foreign cother relevant Inter- interest in and to a possessions and in substitutions and re-	
any and all foreign assignees of my en their successors an	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a 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.	
by fine or imprisor	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 unent of not more than five (5) years, or both.
LEGAL NAME O	
Inventor: Adam	PETSCHKE Date: 4/8/15
Signature:	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 035540 FRAME: 0851

DECLARATION (37 CFR L63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR L76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention		OMPUTED TOMOGRAPHY IMAGES USING RATION AND FOURTH-GENERATION
As the below name	d inventor, I bereby declare that	
This decisiation [The attached application, or	
is directed to:	COLLEGE NO. 12 NO. 12	international application number 14/293,427
The above-identifie	d application was made or authori	aed to be made by me.
I believe that I am t	he original inventor or an original	joint inventor of a claimed invention in the application.
(hereinafter referred 105-8001 Japan and acquiring interests	I to as "ASSIGNEES") having pi I 1385 Shimoishigami, Otawara-si in the entire right, title and interes	d TOSHIBA MEDICAL SYSTEMS CORPORATION uces of business at: 1-1. Shibaura 1-shome, Minato-ku, Tokyo u. Tochigi 324-8550 Japan, respectively are desirous of jointly t in and to said invention and in and to any Letters Patent that erritorial possessions and in any and all foreign countries.
acknowledged, and said ASSIGNEES, and in all foreign or other relevant Inter- interest in and to a	for other good and valuable consists full and exclusive right to the interfere (including the right to classificational Treaties and Arrangement my and all Letters Patent which reany and all foreign countries in	n of FIVE DOLLARS (\$5.00), the receipt whereof is hereby ideration, I, by these presents do sell, assign and transfer unio aid invention in the United States and its territorial possessions in priority under the terms of the International Convention and its from the aforesaid application) and the entire right, title and may be granted therefor in the United States and its territorial and in and to any and all divisions, ressues, continuations,
any and all foreign assigneds of my or their successors and	countries to issue any and all of stire right, title and interest in and I assigns, to the full end of the te	Officials in the United States and its territorial possessions and said Letters Patent, when granted, to said ASSIGNEES as the to the same, for the sole use and behoof of said ASSIGNEES, rm for which said Letters Patent may be granted, as fully and this Assignment and sale not been made.
respecting said invocantinuation, substi- all of said Letters I possible to aid said	rention, and testify in any legal tate, renewal and relastic applicat Patent to be issued to said ASSIG I ASSIGNEES, their successors	ASSIGNEES or their representatives any facts known to me proceeding, sign all lawful papers, execute all divisional, ons, execute all necessary assignment papers to cause any and INEES, make all rightful oaths, and, generally do everything and assigns, to obtain and enforce proper protection for said sions and in any and all foreign countries.
	nent of not more than five (5) yea	
LEGAL NAME OF	INVENTOR	
Inventor: Yu ZOI	1	Dave 4/9/2015
Signature		777

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 035540 FRAME: 0852

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	RECONSTRUCTION OF COMPUTED TOMOGRAPHY IMAGES USING
Invention	COMBINED THIRD-GENERATION AND FOURTH-GENERATION PROJECTION DATA
As the below name	d inventor, I hereby declare that:
	The attached application, or
is directed to:	United States application or PCT international application number 14/293,427 filed on June 2, 2014
The above-identific	ed 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.
	BUSHIKI KAISHA TOSHIBA and TOSHIBA MEDICAL SYSTEMS CORPORATION
105-8001 Japan an acquiring interests	d to as "ASSIGNEES") having places of business at: <u>1-1, Shibaura 1-chome, Minato-ku, Tokyo d 1385 Shimoishigami, Otawara-shi, Tochigi 324-8550 Japan</u> , respectively are desirous of jointly in the entire right, title and interest in and to said invention and in and to any Letters Patent that erefore in the United States and its territorial possessions and in any and all foreign countries;
acknowledged, and said ASSIGNEES, and in all foreign of other relevant Inte- interest in and to	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby d for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and rnational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial n any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.
any and all foreign assignees of my e their successors ar	rize and request the Patent Office Officials in the United States and its territorial possessions and an countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e 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.	
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME O	FINVENTOR
Inventor: Zhou Signature:	YU Date: 4/7/2015

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 035540 FRAME: 0853

RECORDED: 04/30/2015