502575056 11/19/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2620975

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAOFENG NIU	10/15/2013
HONGWEI YE	10/15/2013
WENLI WANG	10/15/2013

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
City:	OTAWARA-SHI, TOCHIGI
State/Country:	JAPAN
Postal Code:	324-8550

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14084304

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 cevans@oblon.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: OBLON, SPIVAK, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

PATENT

REEL: 031634 FRAME: 0118

ATTORNEY DOCKET NUMBER:	417848US20SX
NAME OF SUBMITTER:	CHRISTOPHER EVANS
Signature:	/Christopher Evans/
Date:	11/19/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=417848USassignment#page1.tif source=417848USassignment#page2.tif source=417848USassignment#page3.tif	

PATENT REEL: 031634 FRAME: 0119

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

Tr	e of A CYCLINDER SOURCE COETWARDS 750
In	ention CALIBRATION AND IMAGE QUALITY ASSURANCE
A	he below named inventor, I hereby declare that:
Th	s declaration 🔀 The attached application, or
is	rected to: United States application or PCT international application number
Th	above-identified application was made or authorized to be made by me.
1.6	ieve that I am the original inventor or an original joint inventor of a claimed invention in the application.
W	EREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Comparation
(he	cinafter referred to as "ASSIGNEES") having places of business at: 1-1. Shibaura 1-chome, Minato-ku, Tokyo
joir tha	ly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent may be granted therefore in the United States and its territorial possessions and in any and all foreign countries.
ack saic and othe inte poss subs	OW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby by b
assig their entir	dereby authorize and request the Patent Office Officials in the United States and its territorial possessions and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and yas the same would have been held by me had this Assignment and sale not been made.
respection of the continuous all or possion inverse continuous con	ther, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me ting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything le to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said ion in the United States and its territorial possessions and in any and all foreign countries
by fii	reby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 or imprisonment of not more than five (5) years, or both.
LEG,	L NAME OF INVENTOR
Inven	or: Xiaofeng NIU
	re: Xiaofeng NIU Date: 10/15/0013

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA. VIRGINIA 22314

> PATENT REEL: 031634 FRAME: 0120

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	A CYCLINDED COLIDER CORTWARD BOOLERON WAS A
Invention	A CYCLINDER SOURCE SOFTWARE-POSITIONING METHOD FOR PET CALIBRATION AND IMAGE QUALITY ASSURANCE
1	nmed inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number filed on
The above-iden	tified application was made or authorized to be made by me.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, I	Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation
(hereinafter refe	rred to as "ASSIGNEES") having places of business at: 1-1. Shibaura 1-chome, Minato-ku, Tokyo
jointly acquiring that may be gran	n and 1385, Shimoishigami, Otawara-shi, Tochigi 324-8550, Japan respectively are desirous of interests in the entire right, title and interest in and to said invention and in and to any Letters Patent ted therefore in the United States and its territorial possessions and in any and all foreign countries:
NOW, THEF acknowledged, a said ASSIGNEE and in all foreign other relevant In interest in and to possessions and substitutions and	REFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto S, the full and exclusive right to the said invention in the United States and its territorial possessions a countries (including the right to claim priority under the terms of the International Convention and ternational Treaties and Arrangements from the aforesaid application) and the entire right, title and to any and all Letters Patent which may be granted therefor in the United States and its territorial in any and all foreign countries and in and to any and all divisions, reissues, continuations, renewals thereof.
assignees of my their successors entirely as the sai	orize and request the Patent Office Officials in the United States and its territorial possessions and gn 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 me 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 acknoby fine or impriso	whedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 inment of not more than five (5) years, or both.
LEGAL NAME (OF INVENTOR
Inventor: Hong	vei YE Date: Date: Date:
Signature:	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 031634 FRAME: 0121

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

Invention	A CYCLINDER SOURCE SOFTWARE-POSITIONING METHOD FOR PET CALIBRATION AND IMAGE QUALITY ASSURANCE
As the below named	d inventor, I hereby declare that:
This declaration 🛭	The attached application, or
is directed to:	United States application or PCT international application number filed on
The above-identifie	d application was made or authorized to be made by me.
I believe that I am th	he original inventor or an original joint inventor of a claimed invention in the application.
	ushiki Kaisha Toshiba and Toshiba Medical Systems Corporation I to as "ASSIGNEES") having places of business at: 1-1. Shibaura 1-chome, Minato-ku, Tokyo
105-8001, Japan ar jointly acquiring int	nd 1385, Shimoishigami. Otawara-shi, Tochigi 324-8550, Japan, respectively are desirous of erests in the entire right, title and interest in and to said invention and in and to any Letters Patent therefore in the United States and its territorial possessions and in any and all foreign countries;
acknowledged, and said ASSIGNEES, t and in all foreign co other relevant Interr interest in and to an	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby 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 puntries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.
any and all foreign assignees of my on their successors and	te and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the tire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
respecting said inv continuation, substit all of said Letters F possible to aid said	that I will communicate to said ASSIGNEES or their representatives any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, rute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said ted States and its territorial possessions and in any and all foreign countries.
I hereby acknowl by fine or imprisonn	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Wenli W	
Signature:	Ich'alany

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 031634 FRAME: 0122

RECORDED: 11/19/2013