502102875 10/22/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gin Chung WANG	10/19/2012
Kent C. BURR	10/19/2012
Huini DU	10/19/2012
Jerry WANG	10/18/2012

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:	13657533

CORRESPONDENCE DATA

Fax Number: 7034132220

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

Phone: (703) 413-3000
Email: krouse@oblon.com
Correspondent Name: Oblon, Spivak, et al.
Address Line 1: 1940 Duke Street

PATENT

REEL: 029169 FRAME: 0196

Address Line 4: Alexandria, VIRGINIA 22314	
ATTORNEY DOCKET NUMBER:	402320US2SX
NAME OF SUBMITTER:	Kim Rouse
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=402320USassignment#page1.tif source=402320USassignment#page2.tif source=402320USassignment#page3.tif source=402320USassignment#page4.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	APPARATUS AND METHOD FOR IMPROVING UNIFORMITY OF PERFORMANCE IN POSITRON EMISSION TOMOGRAPHY
As the below name	d inventor, I hereby declare that:
This declaration [\S	The attached application, or
is directed to:	United States application or PCT international application number
The above-identifie	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.
(hereinafter referre Tokyo 105-8001, J of jointly acquiring	ABUSIIIKI KAISHA TOSHIBA; 2) TOSHIBA MEDICAL SYSTEMS CORPORATION d to as "ASSIGNEES") having places of business at: 1) 1-1 Shibaura 1-chome, Minato-ku, apan; 2) 1385, Shimoishigami, Otawara-shi, Tochigi 324-8550, Japan, respectively are desirous interests in the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, and said ASSIGNEES, and in all foreign c other relevant Inter interest in and to a	FORE, 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 countries (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 may 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 er their successors an	ze 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 stire 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.	
I hereby acknow by fine or imprison	ledge 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 OF	
Inventor: Gin Chu	ing WANG Date: 10/19/20/2
Signature:	A G 24

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

ALEXANDRIA, VIRGINIA 22314

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	APPARATUS AND METHOD FOR IMPROPERFORMANCE IN POSITRON EMISSION	
As the below name	d inventor, I hereby declare that:	
This declaration 🗵	The attached application, or	
is directed to:	United States application or PCT international applifiled on	cation number
The above-identifie	ed application was made or authorized to be made by a	me.
I believe that I am t	he original inventor or an original joint inventor of a	claimed invention in the application.
(hereinafter referred Tokyo 105-8001, Jacquiring of jointly acquiring	ABUSHIKI KAISHA TOSHIBA; 2) TOSHIBA ME d to as "ASSIGNEES") having places of business apan; 2) 1385, Shimoishigami, Otawara-shi, Tochigi interests in the entire right, title and interest in and granted therefore in the United States and its territory	at: 1) 1-1 Shibaura 1-chome, Minato-ku, 324-8550, Japan, respectively are desirous to said invention and in and to any Letters
acknowledged, and said ASSIGNEES, and in all foreign co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLL/ for other good and valuable consideration, I, by the the full and exclusive right to the said invention in the puntries (including the right to claim priority under the national Treaties and Arrangements from the aforesa my and all Letters Patent which may be granted the any and all foreign countries and in and to any newals thereof.	se presents do sell, assign and transfer unto United States and its territorial possessions e terms of the International Convention and id application) and the entire right, title and refor in the United States and its territorial
any and all foreign assignees of my en their successors and	ze and request the Patent Office Officials in the Unit countries to issue any and all of said Letters Patent, tire right, title and interest in and to the same, for the ideassigns, to the full end of the term for which said would have been held by me had this Assignment and	when granted, to said ASSIGNEES as the e sole use and behoof of said ASSIGNEES, Letters Patent may be granted, as fully and
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 acknow by fine or imprisonr	ledge that any willful false statement made in this dec ment of not more than five (5) years, or both.	laration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	,
Inventor: Kent C.	BURR	Date: 10/19/20/2
Signature:	A (Bas)	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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

Title of APPARATUS AND METHOD FOR IMPROVING UNIFORMITY OF	
Invention PERFORMANCE IN POSITRON EMISSION TOMOGRAPHY	
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 filed on	
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, 1) KABUSHIKI KAISHA TOSHIBA; 2) TOSHIBA MEDICAL SYSTEMS CORPORATION	
(hereinafter referred to as "ASSIGNEES") having places of business at: 1) 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan; 2) 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: Huini DU Date: 1019 10012	
Signature:	

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

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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As the below name	d inventor. I hereby declare that:
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is directed to:	United States application or PCT international application number
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.
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any and all foreign assignees of my en their successors and	ze 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, it 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.
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I hereby acknow, by fine or imprisonr	ledge 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: Jerry W.	ANG Date: 10-18-20/2
Signature:	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 029169 FRAME: 0201

RECORDED: 10/22/2012