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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIESHER LAGE RODRIGUES	04/06/2015
HAO YANG	04/06/2015
LIANG CAI	04/01/2015
GIN CHUNG WANG	04/06/2015

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome, Minato-Ku
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State/Country:	Japan
Postal Code:	105-8001
Name:	TOSHIBA MEDICAL SYSTEMS CORPORATION
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City:	TOCHIGI
State/Country:	JAPAN
Postal Code:	324-8550

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14680876	

CORRESPONDENCE DATA

(703)413-2220 Fax Number:

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.

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 432465US20X NAME OF SUBMITTER: KOMMALA KEOVONGPHET

SIGNATURE:	NATURE: /KOMMALA KEOVONGPHET/	
DATE SIGNED:	04/07/2015	
This document serves as an Oath/Declaration (37 CFR 1.63).		
Total Attachments: 4		
source=432465US_Assignment#page1.tif		
source=432465US_Assignment#page2.tif		
source=432465US_Assignment#page3.tif		
source=432465US_Assignment#page4.tif		

Title of Invention	PARALLEL TRANSVERSE FIELD (PTF) TILTED AND COLLIMATED DETECTORS	
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 application number	
The above-identific	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.	
(hereinafter referred 105-8001 Japan and acquiring interests i may be granted then NOW, THEREF acknowledged, and said ASSIGNEES, and in all foreign coother relevant Interinterest in and to a	BUSHIKI KAISHA TOSHIBA and TOSHIBA MEDICAL SYSTEMS CORPORATION It to as "ASSIGNEES") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 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; 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 ountries (including the right to claim priority under the terms of the International Convention and mational 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 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, I 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.	
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.		
	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	
Inventor: Mieshei	Lage RODRIGUES Date: 4/6/2015	
Signature:	history Karlingur	

OBLON, 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:	
	The attached application, or	
	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 105-8001 Japan an acquiring interests may be granted the NOW, THERE acknowledged, and said ASSIGNEES, and in all foreign other relevant Inte interest in and to possessions and it substitutions and r	BUSHIKI KAISHA TOSHIBA and TOSHIBA MEDICAL SYSTEMS CORPORATION 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 erefore in the United States and its territorial possessions and in any and all foreign countries; 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 in any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.	
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LEGAL NAME C	OF INVENTOR	
Inventor: Hao Y	•	
Signature: 100	2 Yenry	

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1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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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	
The above-identified	application was made or authorized to be made by me.	
I believe that I am th	e 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.		
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by fine or imprisonm	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ent of not more than five (5) years, or both.	
LEGAL NAME OF	, and the second se	
Inventor: Liang C/	Date: 4/1/15	
Signature:		

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

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is directed to:	United States application or PCT international application on	cation nu	ımber
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I believe that I am t	he original inventor or an original joint inventor of a c	laimed ii	nvention in the application.
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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.			
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LEGAL NAME OF	INVENTOR		
Inventor: Gin Ch	ung WANG	Date:	4/6/2015
Signature: Gina	hung wang		

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 035351 FRAME: 0785

RECORDED: 04/07/2015