### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2852858

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JIE LU	04/09/2014
QIQI XU	04/09/2014
BING LI	04/09/2014
XIAOWEI YUAN	04/09/2014
KYOKO SATO	04/22/2014

#### **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
Name: Street Address:	TOSHIBA MEDICAL SYSTEMS CORPORATION  1385, SHIMOISHIGAMI
Street Address:	1385, SHIMOISHIGAMI

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14244043

### **CORRESPONDENCE DATA**

**Fax Number:** (703)413-2220

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

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Email: Gtesfaye@oblon.com
Correspondent Name: OBLON, SPIVAK, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 433195US20

NAME OF SUBMITTER: GENET TESFAYE

502806264 REEL: 032877 FRAME: 0642

PATENT -

SIGNATURE:	/Genet Tesfaye/
DATE SIGNED:	05/13/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5	
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source=433195USAssignment#page4.tif	

source=433195USAssignment#page5.tif

Title of IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD AND MEDICAL IMAGING DEVICE	
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 14/244,043 filed on April 03, 2014	
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 "ASSIGNEE") 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, is desirous of acquiring 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 ASSIGNEE, 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 ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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 ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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: Jie LU Date: April 9th, 2014	
Signature: Jie Lu	

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

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LEGAL NAME OF INVENTOR	
Inventor: Qiqi XU Date: April 9th, 2019	
Signature: Aia' X u	

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LEGAL NAME OF INVENTOR	
Inventor: Bing LI Date: April 9th, 1014	
Signature: Bing Li	

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LEGAL NAME OF INVENTOR	
Inventor: Xiaow	
Signature: Xia	owei Yuan

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LEGAL NAME OF INVENTOR	
Inventor: Kyoko SATO Date: Apr. 22, 2014	
Signature: Myoko Sato	

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PATENT REEL: 032877 FRAME: 0648

**RECORDED: 05/13/2014**