503427919 08/07/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3474552

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUHEI NITTA	08/02/2015
TAICHIRO SHIODERA	07/30/2015
TOMOYUKI TAKEGUCHI	07/30/2015
MASAO YUI	07/24/2015
SATOSHI SUGIURA	07/24/2015

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME
Internal Address:	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:	14820933

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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.

Phone: 703-816-4000

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Correspondent Name: LARRY S. NIXON

Address Line 1: NIXON & VANDERHYE, PC

Address Line 2: 901 NORTH GLEBE ROAD, 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

PATENT

503427919 REEL: 036277 FRAME: 0773

ATTORNEY DOCKET NUMBER:	LSN-4813-279	
NAME OF SUBMITTER:	LARRY S. NIXON	
SIGNATURE:	/LARRY S. NIXON/	
DATE SIGNED:	08/07/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

source=4813-279_Combined_Dec_Assgn#page1.tif source=4813-279_Combined_Dec_Assgn#page2.tif source=4813-279_Combined_Dec_Assgn#page3.tif source=4813-279_Combined_Dec_Assgn#page4.tif

> PATENT REEL: 036277 FRAME: 0774

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COTION	APPAGA FICA			

	Attorney Docket Number	, ,
	First Named Inventor	Shuhei NITTA
INVENTOR'S DECLARATION AND ASSIGNMENT APPLICATION (37 CFR 1.63) USING AN APPLICA		

Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) IMAGE PROCESSING APPARATUS, MAGNETIC RESONANCE IMAGING APPARATUS AND IMAGE PROCESSING METHOD (Title of the Invention) As a below named inventor, I hereby declare that: This declaration is directed to: The attached application, OR United States Application Number or PCT International application number _____ ಗೇಶ ರಾ The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. 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. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, Kabushiki Kalsha Toshiba and Toshiba Medical Systems Corporation (hereinafter ASSIGNEE), a corporation of the State of JAPAN, having an office and place of business at 1-1, Shibaura 1-chome, Mineto-ku, Tokyo 195-8001 Japan and 1335, Shimolshigami, Otawara-shi, Tochigi 324-8550 Japan, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C., have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this Invention: ASSIGNOR hereby agrees to transfer a like Interest upon request of sald ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. AGREED and executed as noted below: LEGAL NAME OF SOLE OR FIRST INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname) NITTA Inventor's Signature:

[x] Additional inventors are being named on the 1 supplemental sheet(s) PTO/AIA/IU attached Neveto
(Page 1 of 2)

Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all Information known to the person to be material to patentablity as defined in [37 CFR] § 1.56.

DOCKET NO.

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT	ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA//08/09)		
	(Page 2 of 2)		
Legal Name of Additional Joint Inventor, if any:	······································		
(E.g., Given Name (first and middle (if any)) and Family Name or Su	mame)		
Taichiro	SHIODERA		
inventor's Signature: Faulur Rielu	Date: July 30, 2015		
Legal Name of Additional Joint Inventor, if any:	, , , , , , , , , , , , , , , , , , ,		
(E.g., Given Name (first and middle (if any)) and Family Name or Su	mame)		
Tomoyuki	TAKEGUCHI		
inventor's Signature: Zomojaki Zakezvahi	Date: July 30 , 2015		
7			
Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Masao	YUI		
Inventor's Signature:	Date:		
Legal Name of Additional Joint Inventor, if any:			

Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is swere of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] § 1.58.

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Satoshi

Inventor's Signature:

SUGIURA

Date:

Doc code:	Cath		
Danumant	Besodetion:	Cath or declaration:	#ter

13G067545-USA-A/98G210780-USA-A
(PTBA-45190-US)

pochineur przeubanu. Agó) dł ddalgiginia tiled		(MIBA-45180-US)
	Attorney Docket Number	
	First Named Inventor	Shuhei NITTA
INVENTOR'S DECLARATION AND ASSIGNMENT APPLICATION (37 CFR 1.63) USING AN APPLICATION (37 CFR 1.63)		
Declaration Submitted With Initial Filing		
OR		
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1	.16(f)) required)	
IMAGE PROCESSING APPARATUS, MAGNETIC RESONANC IMAGE PROCESSING METHOD	E IMAGING APPARATU	S AND
· (Title of the Invention)	***************************************	
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
☑ The attached application,		
OR		
United States Application Number or PCT International application number		MANAGAMAA.J.
The above-identified application was made or authorized to be made by me.		·
I believe I am the original inventor or an original joint inventor of a claimed invention in the	e application.	
I hereby acknowledge that any willful false statement made in this declaration is punishal by fine or imprisonment of not more than five (5) years, or both.	ole under 18 U.S.C. 1001	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the App	dication identified above.	
WHEREAS, Kabushiki Kaisha Toshiba and Toshiba Medical Systems Corporation (having an office and place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 10 Tochigi 324-8550 Japan, is desirous of acquiring an interest therein;	hereinafter ASSIGNEE), a corpor 5-8001 Japan and 1385, Shimol	ation of the State of JAPAN, shigami, Otawara-shi,
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transferepresentatives, ASSIGNOR'S entire right, title and interest in the United States of American the aforesaid application, and to the said application and to all subsequent applications reissues, and substitutes of said application, and all resulting patents, together with the right Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs to which the United States of America adheres, and the ASSIGNOR hereby authorizes are issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, as that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE's this invention;	rs unto the said ASSIGNEE, its si and all foreign countries, in and based thereon including any and ght of priority under the Internetion and industrial Models, and any of aid requests the Commissioner of pigns, and legal representatives.	uccessors, assigns, and legal I to the invention as described all continuations, divisions, nal Convention for the ther international agreements Patents and Trademarks to It is understood and agreed
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its further remuneration, in and to any improvements, and applications for patents based the	successors, assigns, and legal re reon, growing out of or related to	presentatives, and without the said invention;

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE,

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S

AGREED and executed as noted below:

LEGAL NAME OF SOLE OR FIRST INVENTOR:

(E.g., Given Name (first and middle (if any)) and Family Name or Sumame)

full protection and title in and to the invention hereby transferred; and

NITTA

Inventor's Signature:

Date:

[x] Additional inventors are being named on the 1 supplemental sheet(s) PTO/AIA/10 attached hereto (Page 1 of 2)

Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] § 1.56.

DOCKET NO. - - -

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT	ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA//08/09) (Page 2 of 2)	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if eny)) and Family Name or S	(urname)	
Tajchiro	SHIODERA	
Inventor's Signature:	Date:	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or S	8	
Tomoyuki	TAKEGUCHI	
Inventor's Signature:	Date:	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or S	Sumame)	
Masao YUI		
trventor's Signature: Musaw Yui	Date: Jul. 29,2015	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or \$	Surname)	
Satoshi	SUGIURA	
Inventor's Signature:	Jul. 24, 2015	

Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] § 1.55.

RECORDED: 08/07/2015

PATENT REEL: 036277 FRAME: 0778