### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4990446

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
YE LIU	04/02/2018
BIN FU	04/02/2018
BING LI	04/02/2018
JINBIAO ZHANG	04/02/2018
XIAOFEI SUN	04/02/2018
KENSUKE SHINODA	04/02/2018
SATOSHI SUGIURA	04/02/2018

### **RECEIVING PARTY DATA**

Name:	CANON 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:	15934417

### **CORRESPONDENCE DATA**

**Correspondent Name:** 

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

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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 JYKim@oblon.com

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

OBLON, ET AL.

ATTORNEY DOCKET NUMBER:	512153US
NAME OF SUBMITTER:	JUNG-YON KIM
SIGNATURE:	/Jung-Yon Kim/
DATE SIGNED:	06/04/2018

# Total Attachments: 7 source=512153US\_Assignment#page1.tif source=512153US\_Assignment#page2.tif source=512153US\_Assignment#page3.tif source=512153US\_Assignment#page4.tif source=512153US\_Assignment#page5.tif source=512153US\_Assignment#page6.tif source=512153US\_Assignment#page7.tif

Title of Invention	MAGNETIC RESONANCE IMAGING APPARATUS, MAGNETIC	
Invention	RESONANCE IMAGING METHOD AND MAGNETIC RESONANCE IMAGING SYSTEM	
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 15/934,417 filed on March 23, 2018	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, Canon Medical Systems Corporation (hereinafter referred to as "ASSIGNEE") having places of business at: 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;		
acknowledged, and said ASSIGNEE, the and in all foreign cother relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby I 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 any 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, mewals thereof.	
any and all foreign assignee of my ent (his) successors an	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e 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.		
	vledge 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 O	•	
Inventor: Ye LIU	Date: April . 2nd . 2018	
Signature:	e Liv	

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

ALEXANDRIA, VIRGINIA 22314

Title of Invention	MAGNETIC RESONANCE IMAGING APPARATUS, MAGNETIC RESONANCE IMAGING METHOD AND MAGNETIC RESONANCE	
	IMAGING SYSTEM	
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acknowledged, and said ASSIGNEE, t and in all foreign o other relevant Inte interest in and to	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 n any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals 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.		
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LEGAL NAME O	F INVENTOR	
Inventor: Bin FU	Date: April, 2nd, 2018	
Signature: Bin	•	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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LEGAL NAM	ME OF INVENTOR
Inventor: B	ing LI Date: Apr: U. 2nd , 2018
Signature.	Bing Li

ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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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.	
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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: Jinbiao ZHANG  Date: April. 2nd. 20.8	
Signature: Timbian Zhang	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
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ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF	
Inventor: Xiaofei	SUN Date: April 2nd 298
Signature: X	iaofel Sun

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

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LEGAL NAME O	
Inventor: Kensul	
   Signature:	Konsuke Shinodo

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 223 14

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LEGAL NAME OF INVENTOR		
Inventor: Satosh	i SUGIURA Date: Apr. 2, 2018	
Signature:	Satishi Sucius	

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

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 045982 FRAME: 0369

**RECORDED: 06/04/2018**