PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5021790

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIGEYUKI ISHII	06/19/2018
TAKUMA IGARASHI	06/19/2018
HAYATO KONISHI	06/19/2018
TAKESHI EZUMI	06/20/2018

RECEIVING PARTY DATA

Name:	CANON MEDICAL SYSTEMS CORPORATION
Street Address:	1385, SHIMOISHIGAMI
City:	OTAWARA-SHI, TOCHIGI-KEN
State/Country:	JAPAN
Postal Code:	324-8550

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16016905

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (703) 413-3000

Email: SGUNTHER@oblon.com

Correspondent Name: OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	514555US
NAME OF SUBMITTER:	SPARKLE GUNTHER
SIGNATURE:	/SPARKLE GUNTHER/
DATE SIGNED: 06/25/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	MEDICAL APPARATUS AND X-RAY SYSTEM
As the below name	d inventor, I hereby declare that:
This declaration [2]	The attached application, or
is directed to:	United States application or PCT international application number
	filed on
	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 referr	NON MEDICAL SYSTEMS CORPORATION ed to as "ASSIGNEE") having places of business at: 1385, Shimoishigami, Otawara-shi, 550 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and as Patent that may be granted therefore in the United States and its territorial possessions and in countries;
acknowledged, and said ASSIGNEE, t and in all foreign of other relevant Inte- interest in and to possessions and i substitutions and r	
any and all foreign assignee of my en (his) successors at	orize 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 tire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its ad assigns, to the full end of the term for which said Letters Patent may be granted, as fully and ne 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 acki 1001 by fine or in	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. aprisonment of not more than five (5) years, or both.
LEGAL NAME	
Inventor: Shige	yuki ISHII Date: 2019.6.19
Signature: 🔨	5.4 茂 加

OBLON, 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 SINGLE ASSIGNEE

Invention	MEDICAL APPARATUS AND X-RAY SYSTEM
	d inventor, I hereby declare that:
This declaration X	The attached application, or
is directed to:	United States application or PCT international application number
	filed on
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.
WHEREAS, CANON MEDICAL SYSTEMS CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at: 1385, Shimoishigami, Otawara-shi, Tochigi-ken 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 co- other relevant Inter- interest in and to a	EFORE, 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 be full and exclusive right to the said invention in the United States and its territorial possessions puntries (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 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, mewals 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.	
1001 by fine or im	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not more than five (5) years, or both.
LEGAL NAME O	FINVENTOR
Inventor: Takum	a IGARASHI Date: 20/8, 6, 19
Signature: Ja	Vana Ygarashi

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DECLARATION (37 CFR 1.68) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	MEDICAL APPARATUS AND X-RAY SYSTE	M		
As the below named	inventor, I hereby declare that:			
This declaration 🔼	The attached application, or			
is directed to:	United States application or PCT international ap	plication num	iber	
	filed on	_ •		
The above-identified	d application was made or authorized to be made by	y me.		
I believe that I am th	ne original inventor or an original joint inventor of	a claimed inve	ention in the	application.
(hereinafter referred	NON MEDICAL SYSTEMS CORPORATION d to as "ASSIGNEE") having places of busing 50 Japan, is desirous of acquiring the entire right, s Patent that may be granted therefore in the Unite countries;	title and inter	est in and to	said invention and
acknowledged, and said ASSIGNEE, th and in all foreign co other relevant Inter- interest in and to ar	FORE, in consideration of the sum of FIVE DOL for other good and valuable consideration, I, by the full and exclusive right to the said invention in the nuntries (including the right to claim priority undernational Treaties and Arrangements from the aforestry and all Letters Patent which may be granted the any and all foreign countries and in and to an newals thereof.	ese presents due United State the terms of the maid application erefor in the	lo sell, assigns and its terme internations) and the elumination () and the elumination ()	m and transfer unto ritorial possessions nal Convention and ntire right, title and es and its territorial
any and all foreign assignee of my enti- (his) successors and	rize and request the Patent Office Officials in the U countries to issue any and all of said Letters Pater re right, title and interest in and to the same, for the dassigns, to the full end of the term for which said would have been held by me had this Assignment	nt, when gran e sole use and d Letters Pate	ited, to said behoof of s nt may be g	ASSIGNEE as the a aid ASSIGNEE, its
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 acknow 1001 by fine or imp	owledge that any willful false statement made in the prisonment of not more than five (5) years, or both	is declaration	is punishabl	e under 18 U.S.C.
LEGAL NAME OF	FINVENTOR			_
Inventor: Hayato	KONISHI	Date:	2018	.6.19
Signature:	Hayato Konishi			

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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 SINGLE ASSIGNEE

Title of Invention	MEDICAL APPARATUS AND X-RAY SYSTEM		
As the below name	As the below named inventor, I hereby declare that:		
This declaration 2	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, CANON MEDICAL SYSTEMS CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at: 1385. Shimoishigami, Otawara-shi, Tochigi-ken 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, t and in all foreign of other relevant Inte- interest in and to possessions and it substitutions and r			
any and all foreign assignce of my en (his) successors an entirely as the sam	orize and request the Patent Office Officials in the United States and its territorial possessions and n countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the tire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and no 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 ack 1001 by fine or in	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. aprisonment of not more than five (5) years, or both.		
LEGAL NAME (OF INVENTOR		
Inventor: Takes	shi EZUMI Date: 2018. 6.30		
Signature:	Takeshi Ezemi		
1			

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

> PATENT REEL: 046189 FRAME: 0818

RECORDED: 06/25/2018