506303386 10/14/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6350135

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEIFENG SHANG	10/07/2020
JOSEPH MANAK	10/14/2020
JOHN BAUMGART	10/13/2020

RECEIVING PARTY DATA

Name:	CANON MEDICAL SYSTEMS CORPORATION
Street Address:	1385 SHIMOISHIGAMI, OTAWARA-SHI
City:	TOCHIGI
State/Country:	JAPAN
Postal Code:	324-0036

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17070546

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: mkorsen@oblon.com OBLON, ET AL. **Correspondent Name:** Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	528228US
NAME OF SUBMITTER:	MATTHEW KORSEN
SIGNATURE:	/Matthew Korsen/
DATE SIGNED:	10/14/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=Assignment-101420#page1.tif source=Assignment-101420#page2.tif source=Assignment-101420#page3.tif

> **PATENT** REEL: 054054 FRAME: 0895 506303386

Attorney Docket Number: 528228US

DECLARATION (37 CFR L63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR L76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	METHOD AND APPARATUS FOR AUTOMATIC DETERMINATION OF OBJECT AND BACKGROUND REGION OF INTEREST FOR REAL-TIME
	AUTOMATIC DOSE RATE CONTROL IN DYNAMIC IMAGING SYSTEMS
As the below name	ed inventor, I hereby declare that:
This declaration [S	The attached application, or
	United States application or PCT international application number filed on
The above-identific	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 324-0036 JAPAN	NON MEDICAL SYSTEMS CORPORATION ed to as "ASSIGNEE") having places of business at: 1385 Shimoishigami, Otawara-shi. Tochigi , is desirous of acquiring the entire right, title and interest in and to said invention and in and to that may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, t and in all foreign of other relevant Inter interest in and to a	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 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 in any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.
any and all foreign assignee of my ent (his) successors an	aze 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 are right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its id assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a 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.	
by fine or imprison	rledge 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: Weifeng	SHANG Date: Oct, 7, 2020
Signature:	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 054054 FRAME: 0896

Attorney Docket Number: 528228US

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	OBJECT AND BACKGROUND RE	R AUTOMATIC DETERMINATION OF EGION OF INTEREST FOR REAL-TIME TROL IN DYNAMIC IMAGING SYSTEMS
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT internat filed on	tional application number
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 inve	entor of a claimed invention in the application.
(hereinafter referred 324-0036 JAPAN	, is desirous of acquiring the entire right, ti	ION usiness at: 1385 Shimoishigami, Otawara-shi, Tochigi itle and interest in and to said invention and in and to States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, the and in all foreign cother relevant Inter- interest in and to a	I for other good and valuable consideration he full and exclusive right to the said inven- countries (including the right to claim prioring mational Treaties and Arrangements from the any and all Letters Patent which may be go in any and all foreign countries and in an	VE DOLLARS (\$5.00), the receipt whereof is hereby in, I, by these presents do sell, assign and transfer unto into in the United States and its territorial possessions its under the terms of the International Convention and the aforesaid application) and the entire right, title and granted therefor in the United States and its territorial and to any and all divisions, reissues, continuations,
any and all foreign assignee of my ent (his) successors an	n countries to issue any and all of said Let ire right, title and interest in and to the sam	in the United States and its territorial possessions and tters Patent, when granted, to said ASSIGNEE as the ne, for the sole use and behoof of said ASSIGNEE, its which said Letters Patent may be granted, as fully and ignment 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 ment of not more than five (5) years, or both	e in this declaration is punishable under 18 U.S.C. 1001 th.
LEGAL NAME OF	FINVENTOR	
Inventor: Joseph	MANAK	Date:10/14/2020
Signature: /Joseph	. Manak/	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 054054 FRAME: 0897

Attorney Docket Number: 528228US

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	METHOD AND APPARATUS FOR AUTOMATIC DETERMINATION OF OBJECT AND BACKGROUND REGION OF INTEREST FOR REAL-TIME AUTOMATIC DOSE RATE CONTROL IN DYNAMIC IMAGING SYSTEMS
As the below name	d inventor, I hereby declare that:
This declaration S	The attached application, or
	United States application or PCT international application number
The above-identific	ad 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.
(hercinafter referre 324-0036 JAPAN	NON MEDICAL SYSTEMS CORPORATION d to as "ASSIGNEE") having places of business at: 1385 Shimoishigami, Otawara-shi, Tochigi , is desirous of acquiring the entire right, title and interest in and to said invention and in and to that may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, to 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 if 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 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 assignce 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 a would have been held by me had this Assignment and sale not been made.
respecting said in continuation, subst all of said Letters possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything I ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.
	design 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	
laventor: John B.	AUMGART 10/13/2020 Date: 10/13/2020
Signature:	and the second of the second o

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 054054 FRAME: 0898

RECORDED: 10/14/2020