506354710 11/13/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YU ZHANG	12/04/2019

RECEIVING PARTY DATA

Name:	CANON U.S.A., INC.
Street Address:	ONE CANON PARK
City:	MELVILLE
State/Country:	NEW YORK
Postal Code:	11747

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17098042

CORRESPONDENCE DATA

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

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Correspondent Name: CANON U.S.A. INC. INTELLECTUAL PROPERTY

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ATTORNEY DOCKET NUMBER:	2900-25731-NON-PROV	
NAME OF SUBMITTER:	CHRISTINA ELLIS	
SIGNATURE:	/Christina Ellis/	
DATE SIGNED:	11/13/2020	

Total Attachments: 1

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PATENT 506354710 REEL: 054414 FRAME: 0946

ASSIGNMENT

FOR VALUE RECEIVED, I

Yu Zhang, residing at Concord, MA,

hereby sell, assign, transfer, and convey unto

Canon U.S.A., Inc., a corporation of New York having a place of business at One Canon Park, Melville, NY 11747

(hereinafter called the "Assignee"), any right, title, and interest that I have in and to the inventions that are described in an application for a United States patent (the "Application") that is entitled

LUMEN, STENT, AND/OR ARTIFACT DETECTION IN ONE OR MORE IMAGES, SUCH AS IN OPTICAL COHERENCE TOMOGRAPHY IMAGES

By Yu Zhang Attorney Docket No.: 2900-25731-prov

and that is filed concurrently herewith or was filed on	and appointed Serial No.	and
which claim(s) priority to U.S. Provisional Application Serial No.		
in and to the Application, and all divisionals, renewals, continuations, and continu	ations-in-part thereof, and all patents of th	e United States
that may be granted thereon, and all reissues and extensions thereof, and all applic supranational patents, and all other grants of protection of proprietary rights include model, utility certificate, patent of importation, registration of patent, industrial de priority in any such country or countries and that may be granted, upon the invention	ding, but not limited to, inventor's certificates are gistration that may be filed, and all ions in any countries or regions foreign to	ate, utility rights of the United
States, and all reissues, renewals, divisionals, and extensions thereof; and I hereby Trademarks of the United States, and all officials of countries or regions foreign to such patents or other grants of protection upon the inventions to the Assignee or to	o the United States having authority to do	so, to issue all

AND I hereby sell, assign, transfer, and convey unto the Assignee any right, title, and interest that I have to the right to claim priority to the Application, and accordingly I authorize and empower the Assignee or its nominees to invoke and claim the right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment will be deemed a full and formal equivalent of any assignment, consent to file, or like document that may be required in any country or region for any purpose, including without limitation as proof of the right of the Assignee or its nominees to claim the right of priority.

AND I hereby covenant that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to the Assignee or its nominees all facts known to me that are relevant to the inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisionals, continuations, and reissue applications, make all rightful oaths and declarations, and in general perform all lawful acts necessary or proper to aid the Assignee or its nominees in obtaining, maintaining, and enforcing all patents or other grants of protection upon the inventions in any and all countries and regions.

AND I hereby covenant and agree that, if any court or competent authority finds that any provision of this agreement, or part of any provision, is invalid, illegal, or unenforceable, that provision or part of a provision will, to the extent required, be deemed to be deleted, and the validity and enforceability of the other provisions of this agreement will not be affected.

AND I hereby authorize the attorneys of record for the Application or the attorneys' representative to fill in the application number and filing date in the spaces provided above.

Yu Zhang

Date

J' V 12/04/2019

NO LEGALIZATION REQUIRED. THIS DOCUMENT MAY BE NOTARIZED IF DESIRED FOR FURTHER PROOF OF EXECUTION

PATENT REEL: 054414 FRAME: 0947