PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4931839

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KABUSHIKI KAISHA TOSHIBA	04/20/2018

RECEIVING PARTY DATA

Name:	CANON MEDICAL SYSTEMS CORPORATION
Street Address:	1385 SHIMOISHIGAMI
Internal Address:	OTAWARA-SHI
City:	TOCHIGI
State/Country:	JAPAN

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	8642319
Patent Number:	9075017
Patent Number:	9274104

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: corpassignments@oblon.com

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

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	512547US
NAME OF SUBMITTER:	CARLA ASKEY
SIGNATURE:	/Carla Askey/
DATE SIGNED:	04/25/2018

Total Attachments: 2

source=Corp Assn - KKT to Canon Medical#page1.tif source=Corp Assn - KKT to Canon Medical#page2.tif

PATENT 504885098 REEL: 045632 FRAME: 0856

ASSIGNMENT

WHEREAS, KABUSHIKI KAISHA TOSHIBA of 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, a corporation organized and existing under the laws of the Country of Japan is the exclusive owner, by assignment, of the following Letters Patents of the United States of America:

PATENT NUMBER	<u>ISSUE DATE</u>
8,642,319	February 4, 2014
9,075,017	July 7, 2015
9.274.104	March 1, 2016

WHEREAS, CANON MEDICAL SYSTEMS CORPORATION of 1385 Shimoishigami, Otawara-shi, Tochigi, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said Letters Patents;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, KABUSHIKI KAISHA TOSHIBA by these presents do sell, assign, and transfer unto ASSIGNEE its entire right, title and interest for the territory of the United States of America, in and to the aforesaid Letters Patents, the inventions described therein, any and all divisions, continuations, reissues, substitutions and renewals thereof, and to any and all letters patents which have granted or may be granted therefor, said inventions and letters patents to be held and enjoyed by the ASSIGNEE, and for the use and benefit of said ASSIGNEE, and for the use and benefit of their successors, assigns or other legal representatives, to the full end of the term for which said letters patents have been granted or reissues may be granted, and for claims for damage by reasons of infringement past and present, as fully and

CMSC

TIPRS

PATENT REEL: 045632 FRAME: 0857 entirely as the same would have been held by KABUSHIKI KAISHA TOSHIBA had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, KABUSHIKI KAISHA TOSHIBA has caused these presents to be signed by its officer thereunto duly authorized.

KABUSHIKI KAISHA TOSHIBA

Date: Apr. 20, 20/8

Name: Ikuko SHIMOGAWARA

Title: General Manager,

Intellectual Property Division

PATENT REEL: 045632 FRAME: 0858

RECORDED: 04/25/2018