

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KABUSHIKI KAISHA TOSHIBA	03/14/2016
RECEIVING PARTY DATA	
Name:	TOSHIBA 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:	15946450
CORRESPONDENCE DATA	
Fax Number:	(703)816-4100
<i>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.</i>	
Phone:	703-816-4000
Email:	ptomail@nixonvan.com, tmonroe@nixonvan.com
Correspondent Name:	NIXON & VANDERHYE, P.C.
Address Line 1:	901 N. GLEBE ROAD
Address Line 2:	SUITE 1100
Address Line 4:	ARLINGTON, VIRGINIA 22203
ATTORNEY DOCKET NUMBER:	LSN-2382-197
NAME OF SUBMITTER:	LARRY S. NIXON
SIGNATURE:	/Larry S. Nixon/
DATE SIGNED:	04/05/2018
Total Attachments: 2	
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**ASSIGNMENT OF ALL IDENTIFIED PATENT RIGHTS OWNED BY
KABUSHIKI KAISHA TOSHIBA TO TOSHIBA MEDICAL SYSTEMS CORPORATION**

WHEREAS, KABUSHIKI KAISHA TOSHIBA (hereinafter ASSIGNOR), an entity, having an office and place of business at 1-1, Shibaura 1-chome, Minato-Ku, Tokyo, Japan 105-8001, has been assigned a joint right, title and interest in a certain invention entitled ECG WAVEFORM DETECTING APPARATUS AND IMAGING APPARATUS, for which Application No. 14/978,284 for Letters Patent of the United States was filed on 12/22/2015 as evidenced by a prior assignment from the inventors recorded at Reel/Frame 037350/0273 as of December 22, 2015;

WHEREAS, ASSIGNOR hereby confirms that ASSIGNOR has the full right to convey all rights, as herein expressed, to the said application/patent and the invention embodied therein; and

WHEREAS, Toshiba Medical Systems Corporation (hereinafter ASSIGNEE), an entity, having an office and place of business at 1385, Shimoishigami, Chawara-shi, Tochigi-Ken, Japan 324-8550, is desirous of acquiring all interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, its entire joint interest to the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application/patent, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives.

And, ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by

ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred and for maintaining any resulting patent concerning said invention.

I am authorized to execute this ASSIGNMENT on behalf of ASSIGNOR.

Executed this 14 day of March, 2016.

KABUSHIKI KAISHA TOSHIBA

By: _____

Hideo Kumagai

Name: _____

Hideo KUMAGAI

Title: _____

General Manager,
Intellectual Property Division