

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>XIANGZHI ZHOU</td> <td>10/17/2012</td> </tr> <tr> <td>MITSUE MIYAZAKI</td> <td>10/24/2012</td> </tr> <tr> <td>TSUTOMU HOSHINO</td> <td>10/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	XIANGZHI ZHOU	10/17/2012	MITSUE MIYAZAKI	10/24/2012	TSUTOMU HOSHINO	10/18/2012		
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<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, SHIBAURA 1-CHOME</td> </tr> <tr> <td>City:</td> <td>MINATO-KU, TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8001</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, SHIBAURA 1-CHOME	City:	MINATO-KU, TOKYO	State/Country:	JAPAN	Postal Code:	105-8001
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number:	7038164100										
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LSN-4813-135

NAME OF SUBMITTER:

LARRY S. NIXON

Total Attachments: 2

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ASSIGNMENT FOR PATENT APPLICATION
[U.S. Rights Only]

WHEREAS, XIANGZHI ZHOU, MITSUE MIYAZAKI and TSUTOMU HOSHINO (hereinafter ASSIGNORS), all c/o Toshiba Medical Systems Corporation, Intellectual Property Department, 1385, Shimoishigami, Otawara-shi, Tochigi-ken, JAPAN 324-8550, have made an invention entitled NON-CONTRAST DYNAMIC MRI MYOCARDIAL PERFUSION ANALYSIS AND VISUALIZATION for which a so-entitled application for Letters Patent of the United States was filed in the USPTO on September 14, 2012, under U.S. Serial No. 13/618,001.

WHEREAS, KABUSHIKI KAISHA TOSHIBA, a corporation of the Country of JAPAN, having an office and place of business at 1-1 SHIBAURA 1-CHOME, MINATO-KU, TOKYO JAPAN 105-8001, and TOSHIBA MEDICAL SYSTEMS CORPORATION, a corporation of the Country of JAPAN, having an office and place of business at 1385, SHIMOISHIGAMI, OTAWARA-SHI, TOCHIGI-KEN, JAPAN 324-8550 (hereinafter ASSIGNEES), are desirous of acquiring an 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 ASSIGNORS by these presents hereby sell, assign and transfer unto the said ASSIGNEES, their successors, assigns and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America as defined in 35 U.S.C. §100, in and to the invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues and substitutes of said application, and all resulting patents, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEES, for their interest as ASSIGNEES, their successors, assigns and legal representatives. It is understood and agreed that ASSIGNEES' attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEES and will continue to represent only ASSIGNEES with respect to this invention.

ASSIGNORS hereby agree to execute any papers by ASSIGNEES their successors, assigns and legal representatives deemed essential to ASSIGNEES for protection and use in and to the invention hereby transferred.

AGREED and executed as noted below.

<u>10.17.12</u>	<u>Xiangzhi Zhou</u>
Date	XIANGZHI ZHOU
<u>10.24.2012</u>	<u>Mitsue Miyazaki</u>
Date	MI TSUE MIYAZAKI
<u>10/18/2012</u>	<u>Tsutomu Koshino</u>
Date	TSUTOMU KOSHINO

Witnessed by:

Name <u>10.24.2012</u>	Date <u>Shigehide Kuhara</u>
	Shigehide KUHARA
Name <u>10.24.2012</u>	Date <u>Masao Yui</u>
	Masao YUI
Name <u>10.24.2012</u>	Date <u>Masaaki Umeda</u>
	Masaaki UMEDA