



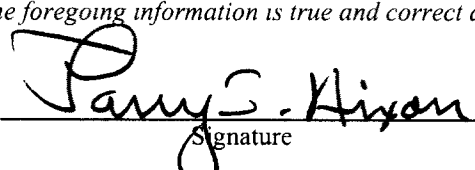
12/21/2010



ET

Our Ref.: LSN-4852-38

103614079

<b>To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.</b>	
1. Name of conveying party(ies):  1 MITSUE MIYAZAKI  Additional name/s of conveying party/ies attached? <input type="checkbox"/> 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date: December 13, 2010	2. Name and address of receiving party(ies).  1) Name: KABUSHIKI KAISHA TOSHIBA Street Address: 1-1, SHIBAURA 1-CHOME City: MINATO-KU State/Country: TOKYO, JAPAN Zip: 105-8001  2) Name TOSHIBA MEDICAL SYSTEMS CORPORATION Street Address: 1385, SHIMOISHIGAMI City OTAWARA-SHI State/Country: TOCHIGI-KEN, JAPAN Zip: 324-8550  Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application. A. Patent Application No(s). (1) 12/946,549 (2) (3)  Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No(s). (1) (2) (3)
5. Name and address of party to whom correspondence concerning document should be mailed.  Name: Larry S. Nixon  Internal Address: Arlington Gateway  Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 11th Floor  City: Arlington State: VA Zip: 22203-1808	6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
<b>DO NOT USE THIS SPACE.</b>	
9. Statements and signature <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document</i>  Larry S. Nixon Name of Person Signing Reg. No 25,640   Signature  December 17, 2010 Date  Total number of pages including original cover sheet, attachments and document. [3]	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P O. Box 1450, Alexandria, VA 22313-1450

**PATENT**  
**REEL: 025614 FRAME: 0289**

1729997

**ASSIGNMENT FOR PATENT APPLICATION**  
**(U.S. Rights Only)**

WHEREAS, Mitsue MIYAZAKI (hereinafter ASSIGNOR), c/o Intellectual Property Department, Toshiba Medical Systems Corporation, 1385, Shimoishigami, Otawara-shi, Tochigi-ken, Japan 324-8550; has made an invention entitled MRI NON-CONTRAST TIME-SLIP ANGIOGRAPHY USING VARIABLY POSITIONED CINE SUB-SEQUENCE for which a so-entitled application for Letters Patent of the United States was filed on November 15, 2010, under U.S. Serial No. 12/946,549;


WHEREAS, KABUSHIKI KAISHA TOSHIBA and TOSHIBA MEDICAL SYSTEMS CORPORATION (hereinafter ASSIGNEES), corporations of the Country of JAPAN, having offices and places of business at 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN 105-8001 and 1385, SHIMOISHIGAMI, OTAWARA-SHI, TOCHIGI-KEN, JAPAN 324-8550, respectively, 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 ASSIGNOR by these presents hereby sell, assign and transfer unto the said ASSIGNEES, their successors, assigns and legal representatives, ASSIGNOR'S 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 ASSIGNOR hereby authorizes and requests 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;


ASSIGNOR hereby agrees to execute any papers by ASSIGNEES, their successors, assigns and legal representatives, deemed essential to ASSIGNEES' full protection and title in and to the invention hereby transferred.

AGREED and executed as noted below:

Dec. 13, 2010        
Date      Mitsue MIYAZAKI

Witnessed by:

Name: Hiroshi Kusahara      Date: Dec. 13, 2010

Name:       Date: 12-13-2010  
Andrew Wheaton