

U.S. Department of Commerce  
United States Patent & Trademark Office

**RECORDATION FORM COVER SHEET**

**Our Ref.: LSN-4813-78**

**PATENTS ONLY**

**DOCUMENT ID NO.: 501553862**

**To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.**

<p>1. Name of conveying party(ies):</p> <table style="width:100%; border: none;"> <tr> <td style="width:50%;">1 Yoshitomo SAKAKURA</td> <td style="width:50%;">8 Kazuto NOGAMI</td> </tr> <tr> <td>2 Satoshi SUGIURA</td> <td>9 Hidekazu TANAKA</td> </tr> <tr> <td>3 Tomoyuki YOSHIDA</td> <td>10 Makoto SATO</td> </tr> <tr> <td>4 Takashi YANASHIMA</td> <td>11 Shigehide KUHARA</td> </tr> <tr> <td>5 Masateru IWASA</td> <td>12 Taketo KAWAKAMI</td> </tr> <tr> <td>6 Yutaka KATO</td> <td>13 Yasutake YASUHARA</td> </tr> <tr> <td>7 Koji KITAMURA</td> <td>14 Hiroshi SUGIMOTO</td> </tr> </table> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <table style="width:100%; border: none;"> <tr> <td><input type="checkbox"/> Assignment</td> <td><input type="checkbox"/> Merger</td> </tr> <tr> <td><input type="checkbox"/> Security Assignment</td> <td><input type="checkbox"/> Change of Name</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other</td> </tr> </table> <p style="margin-left: 40px;">Corrected assignment to reflect that date of execution by last-named inventor is <u>05/10/2011</u>, not 5/10/2001 as previously recorded on Reel 26281 at Frame 851.</p> <p>Execution Date: <u>May 10, 2011 (all)</u></p>	1 Yoshitomo SAKAKURA	8 Kazuto NOGAMI	2 Satoshi SUGIURA	9 Hidekazu TANAKA	3 Tomoyuki YOSHIDA	10 Makoto SATO	4 Takashi YANASHIMA	11 Shigehide KUHARA	5 Masateru IWASA	12 Taketo KAWAKAMI	6 Yutaka KATO	13 Yasutake YASUHARA	7 Koji KITAMURA	14 Hiroshi SUGIMOTO	<input type="checkbox"/> Assignment	<input type="checkbox"/> Merger	<input type="checkbox"/> Security Assignment	<input type="checkbox"/> Change of Name	<input checked="" type="checkbox"/> Other		<p>2. Name and address of receiving party(ies):</p> <p>1) Name: <u>KABUSHIKI KAISHA TOSHIBA</u> Street Address: <u>1-1, Shibaura 1-chome</u> City: <u>Minato-ku</u></p> <p style="margin-left: 40px;">State/Country: <u>Tokyo, Japan</u> Zip: <u>105-8001</u></p> <p>2) Name <u>TOSHIBA MEDICAL SYSTEMS CORPORATION</u> Street Address: <u>1385, Shimoishigami</u> City: <u>Otawara-shi</u> State/Country: <u>Tochigi, Japan</u> Zip: <u>324-8550</u></p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
1 Yoshitomo SAKAKURA	8 Kazuto NOGAMI																				
2 Satoshi SUGIURA	9 Hidekazu TANAKA																				
3 Tomoyuki YOSHIDA	10 Makoto SATO																				
4 Takashi YANASHIMA	11 Shigehide KUHARA																				
5 Masateru IWASA	12 Taketo KAWAKAMI																				
6 Yutaka KATO	13 Yasutake YASUHARA																				
7 Koji KITAMURA	14 Hiroshi SUGIMOTO																				
<input type="checkbox"/> Assignment	<input type="checkbox"/> Merger																				
<input type="checkbox"/> Security Assignment	<input type="checkbox"/> Change of Name																				
<input checked="" type="checkbox"/> Other																					

<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s). (1) <u>13/108,137</u> (2) (3)</p> <p style="margin-left: 40px;">Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No(s). (1) (2) (3)</p>
---	---

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Larry S. Nixon</u></p> <p>Internal Address: <u>Arlington Gateway</u></p> <p>Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11<sup>th</sup> Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203-1808</u></p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 C.F.R. §3.41) \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Previously Paid on 06/03/2011 <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee filed, or asserted to be filed, or that should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. <u>14-1140</u>.</p>
---	---

**DO NOT USE THIS SPACE.**

9. Statements and signature.  
*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.*

<u>Larry S. Nixon</u>	<u>/Larry S. Nixon/</u>	<u>June 13, 2011</u>
Name of Person Signing	Signature	Date
Reg. No. 25,640	Total number of pages including original cover sheet, attachments and document: [13]	

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**

USPTO

5/17/2011 7:37:11 PM PAGE 4/005 Fax Server

NIXON &amp; VANDERHYTE, PC COMPANY:901 NORTH GLEBE ROAD, 11TH FLOOR

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.105/16/2011  
501531846

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>Yoshitomo SAKAKURA</td> <td>05/10/2011</td> </tr> <tr> <td>Satoshi SUGIURA</td> <td>05/10/2011</td> </tr> <tr> <td>Tomoyuki YOSHIDA</td> <td>05/10/2011</td> </tr> <tr> <td>Takashi YANASHIMA</td> <td>05/10/2011</td> </tr> <tr> <td>Masateru IWASA</td> <td>05/10/2011</td> </tr> <tr> <td>Yutaka KATO</td> <td>05/10/2011</td> </tr> <tr> <td>Koji KITAMURA</td> <td>05/10/2011</td> </tr> <tr> <td>Kazuto NOGAMI</td> <td>05/10/2011</td> </tr> <tr> <td>Hidekazu TANAKA</td> <td>05/10/2011</td> </tr> <tr> <td>Makoto SATO</td> <td>05/10/2011</td> </tr> <tr> <td>Shigehide KUHARA</td> <td>05/10/2011</td> </tr> <tr> <td>Taketo KAWAKAMI</td> <td>05/10/2011</td> </tr> <tr> <td>Yasutake YASUHARA</td> <td>05/10/2011</td> </tr> <tr> <td>Hiroshi SUGIMOTO</td> <td>05/10/2001</td> </tr> </tbody> </table>		Name	Execution Date	Yoshitomo SAKAKURA	05/10/2011	Satoshi SUGIURA	05/10/2011	Tomoyuki YOSHIDA	05/10/2011	Takashi YANASHIMA	05/10/2011	Masateru IWASA	05/10/2011	Yutaka KATO	05/10/2011	Koji KITAMURA	05/10/2011	Kazuto NOGAMI	05/10/2011	Hidekazu TANAKA	05/10/2011	Makoto SATO	05/10/2011	Shigehide KUHARA	05/10/2011	Taketo KAWAKAMI	05/10/2011	Yasutake YASUHARA	05/10/2011	Hiroshi SUGIMOTO	05/10/2001
Name	Execution Date																														
Yoshitomo SAKAKURA	05/10/2011																														
Satoshi SUGIURA	05/10/2011																														
Tomoyuki YOSHIDA	05/10/2011																														
Takashi YANASHIMA	05/10/2011																														
Masateru IWASA	05/10/2011																														
Yutaka KATO	05/10/2011																														
Koji KITAMURA	05/10/2011																														
Kazuto NOGAMI	05/10/2011																														
Hidekazu TANAKA	05/10/2011																														
Makoto SATO	05/10/2011																														
Shigehide KUHARA	05/10/2011																														
Taketo KAWAKAMI	05/10/2011																														
Yasutake YASUHARA	05/10/2011																														
Hiroshi SUGIMOTO	05/10/2001																														
RECEIVING PARTY DATA																															
<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>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, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8001																				
Name:	KABUSHIKI KAISHA TOSHIBA																														
Street Address:	1-1, Shibaura 1-chome, Minato-ku																														
City:	Tokyo																														
State/Country:	JAPAN																														
Postal Code:	105-8001																														
<table border="1"> <tr> <td>Name:</td> <td>Toshiba Medical Systems Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1385, Shimoishigami, Otawara-shi</td> </tr> <tr> <td>City:</td> <td>Tochigi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>324-8550</td> </tr> </table>		Name:	Toshiba Medical Systems Corporation	Street Address:	1385, Shimoishigami, Otawara-shi	City:	Tochigi	State/Country:	JAPAN	Postal Code:	324-8550																				
Name:	Toshiba Medical Systems Corporation																														
Street Address:	1385, Shimoishigami, Otawara-shi																														
City:	Tochigi																														
State/Country:	JAPAN																														
Postal Code:	324-8550																														
PROPERTY NUMBERS Total: 1																															

OP \$40.00 13108137

:NIXON &amp; VANDERHYE, PC COMPANY:901 NORTH GLEBE ROAD, 11TH FLOOR

Property Type	Number
Application Number:	13108137
CORRESPONDENCE DATA	
Fax Number:	(703)816-4100
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-816-4000
Email:	cmg@nixonvan.com
Correspondent Name:	NIXON & VANDERHYE, PC
Address Line 1:	901 NORTH GLEBE ROAD, 11TH FLOOR
Address Line 4:	ARLINGTON, VIRGINIA 22203
ATTORNEY DOCKET NUMBER:	LSN-4813-78
NAME OF SUBMITTER:	Larry S. Nixon
Total Attachments: 2 source=EXECUTED_ASSIGNMENT#page1.tif source=EXECUTED_ASSIGNMENT#page2.tif	

USPTO

6/8/2011 10:15:34 AM PAGE 6/007 Fax Server

O:NIXON & VANDERHYE, PC COMPANY:901 NORTH GLEBE ROAD 11TH FLOOR

PTMA-1103 5-V

### U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 106-8001 Japan

Toshiba Medical Systems Corporation

1385, Shimoishigami, Otawara-shi, Tochigi 324-8550 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

#### MAGNETIC RESONANCE DIAGNOSTIC APPARATUS

relating to International Patent Application \_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_ (Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_


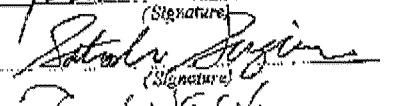
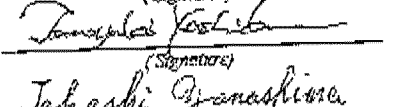
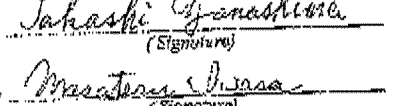
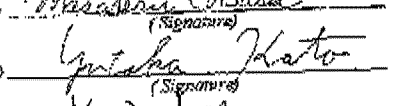


Serial No. \_\_\_\_\_

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agrees(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/hers/their signature(s).

- |  |                                   |                        |
|--|-----------------------------------|------------------------|
| 1) <u></u><br>(Signature) | Yoshitomo SAKAKURA<br>(Type Name) | May 10, 2011<br>(Date) |
| 2) <u></u><br>(Signature) | Satoshi SUGIURA<br>(Type Name)    | May 10, 2011<br>(Date) |
| 3) <u></u><br>(Signature) | Tomoyuki YOSHIDA<br>(Type Name)   | May 10, 2011<br>(Date) |
| 4) <u></u><br>(Signature) | Takashi YANASHIMA<br>(Type Name)  | May 10, 2011<br>(Date) |
| 5) <u></u><br>(Signature) | Masateru IWASA<br>(Type Name)     | May 10, 2011<br>(Date) |
| 6) <u></u><br>(Signature) | Yutaka KATO<br>(Type Name)        | May 10, 2011<br>(Date) |
| 7) <u></u><br>(Signature) | Koji KITAMURA<br>(Type Name)      | May 10, 2011<br>(Date) |

USPTO

6/8/2011 10:15:34 AM PAGE 7/007 Fax Server

O:NIXON &amp; VANDERHYE, PC COMPANY:901 NORTH GLEBE ROAD 11TH FLOOR

PART A - 11055-0.

8)	<u>Kazuto Nogami</u> (Signature)	Kazuto NOGAMI (Type Name)	May 10, 2011 (Date)
9)	<u>Hidekazu Tanaka</u> (Signature)	Hidekazu TANAKA (Type Name)	May 10, 2011 (Date)
10)	<u>Makoto Sato</u> (Signature)	Makoto SATO (Type Name)	May 10, 2011 (Date)
11)	<u>Shigehide Kuhara</u> (Signature)	Shigehide KUHARA (Type Name)	May 10, 2011 (Date)
12)	<u>Taketo KAWAKAMI</u> (Signature)	Taketo KAWAKAMI (Type Name)	May 10, 2011 (Date)
13)	<u>Yasutaka Yasuhara</u> (Signature)	Yasutaka YASUHARA (Type Name)	May 10, 2011 (Date)
14)	<u>Hiroshi Sugimoto</u> (Signature)	Hiroshi SUGIMOTO (Type Name)	May 10, 2011 (Date)