



02-04-2008

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103479525

To the Director of the U.S. Patent and Tr.

ents or the new address(es) below.

1. Name of conveying party(ies):

Kazuma Yokoi (07/13/2005), Hiroshi Kitaguchi
(07/18/2005), Takafumi Ishitsu (07/18/2005),
Naoyuki Yamada (07/18/2005),

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

Internal Address:

Street Address:

6-6, Marunouchi 1-chome
Chiyoda-ku, Tokyo
JAPAN

City:

State:

Country: Zip:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/206,738

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Mark J. Thronson
DICKSTEIN SHAPIRO LLP

Internal Address: Atty. Dkt.: A8319.0073/P073

Street Address: 1825 Eye Street, NW

City: Washington

State: DC Zip: 20006-5403

Phone Number: (202) 420-4742

Fax Number: (202) 420-2201

Email Address: ThronsonM@dicksteinshapiro.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1002
Expiration Date 01/11

b. Deposit Account Number
Authorized User Name

9. Signature:

Signature

January 30, 2008

Date

Mark J. Thronson - 33,082

Name of Person Signing

54,985

Total number of pages including cover sheet, attachments, and documents:

3

01/31/2008 AWONDAF1 00000151 11206738

01 FC:0021

40.00 OP

DSMDB-2385537v01

PATENT
REEL: 020476 FRAME: 0076

RECORDATION FORM COVER SHEET
(continued)113013 U.S. PTO
11/206738
081905

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Kensuke Amemiya (07/15/2005), Yuuichirou Ueno (07/18/2005), Katsutoshi Tsuchiya (07/18/2005), and Norihito Yanagita (07/14/2005)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:Additional Patent Numbers
4B. Continued:

Additional numbers attached?

☐

Yes

☐

No

08-25-2005



RE

103068713
PATENTS UNL.

8/19/05

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Kazuma Yokoi (07/18/2005), Hiroshi Kitaguchi
(07/18/2005), Takafumi Ishitsu (07/18/2005),
Naoyuki Yamada (07/18/2005),

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

2. Name and address of receiving party(ies)

Name: Hitachi, Ltd.

Internal Address:

Street Address:

6-6, Marunouchi 1-chome
Chiyoda-ku
Tokyo; JAPAN

City:

State:

Country: Zip:

Additional name(s) & address(es) attached: ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

4. Application or patent number(s):

A. Patent Application No.(s)

NEW

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Mark J. Thronson
DICKSTEIN SHAPIRO MORIN & OSHINSKY
LLP

Internal Address: Atty. Dkt.: A8319.0073/P073

Street Address: 2101 L Street NW

City: Washington

State: DC Zip: 20037-1526

Phone Number: (202) 775-4742

Fax Number: (202) 887-0689

Email Address: ThronsonM@DSMO.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1008
Expiration Date 02/28/06

b. Deposit Account Number
Authorized User Name

9. Signature:

Signature

August 19, 2005

Date

Mark J. Thronson - 33,082

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

113013 U.S. PTO
11/206738

081905

08/22/2005 MBIZUNES 00000030 11306738

05 FC:8021

40.00 DP

DSMDB.1970101.1

V2498-21*

ASSIGNMENT
(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

RADIOLOGICAL IMAGING APPARATUS

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)		Date Signed (署名日)
1)	<u>Kazuma YOKOI</u> Kazuma YOKOI	<u>7/13/2005</u>
2)	<u>Hiroshi KITAGUCHI</u> Hiroshi KITAGUCHI	<u>7/18/2005</u>
3)	<u>Takafumi ISHITSU</u> Takafumi ISHITSU	<u>7/18/2005</u>
4)	<u>Naoyuki YAMADA</u> Naoyuki YAMADA	<u>7/15/2005</u>
5)	<u>Kensuke AMEMIYA</u> Kensuke AMEMIYA	<u>7/18/2005</u>
6)	<u>Yuuichirou UENO</u> Yuuichirou UENO	<u>7/18/2005</u>
7)	<u>Katsutoshi TSUCHIYA</u> Katsutoshi TSUCHIYA	<u>7/18/2005</u>
8)	<u>Norihito YANAGITA</u> Norihito YANAGITA	<u>7/14/2005</u>
9)	_____	_____
10)	_____	_____

RECORDATION FORM COVER SHEET (PTO-1595)
(supplemental sheet)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Kensuke Amemiya (07/15/2005), Yuuichirou Ueno (07/18/2005), Katsutoshi Tsuchiya (07/18/2005), and Norihito Yanagita (07/14/2005)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached?

☐

Yes

☒

No

W2478-7158

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

RADIOLOGICAL IMAGING APPARATUS

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	<u>Kazuma Yokoi</u> Kazuma YOKOI	<u>7/13/2005</u>
2)	<u>Hiroshi Kitaguchi</u> Hiroshi KITAGUCHI	<u>7/18/2005</u>
3)	<u>Takafumi Ishitsu</u> Takafumi ISHITSU	<u>7/18/2005</u>
4)	<u>Naoyuki Yamada</u> Naoyuki YAMADA	<u>7/18/2005</u>
5)	<u>Kensuke Amemiya</u> Kensuke AMEMIYA	<u>7/15/2005</u>
6)	<u>Yuuichirou Ueno</u> Yuuichirou UENO	<u>7/18/2005</u>
7)	<u>Katsutoshi Tsuchiya</u> Katsutoshi TSUCHIYA	<u>7/18/2005</u>
8)	<u>Norihito Yanagita</u> Norihito YANAGITA	<u>7/14/2005</u>
9)	_____	_____
10)	_____	_____

PATENT

RECORDED: 01/30/2008

REEL: 020476 FRAME: 0081