PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| RYOTA SATO | 02/24/2014 |
| TORU SHIRAI | 02/24/2014 |
| YO TANIGUCHI | 02/24/2014 |
| YOSHIHISA SOUTOME | 03/06/2014 |
| YOSHITAKA BITO | 02/27/2014 |

RECEIVING PARTY DATA

| Name: | HITACHI, LTD. |
|-------------------|--------------------------|
| Street Address: | 6-6, MARUNOUCHI 1-CHOME, |
| Internal Address: | CHIYODA-KU, |
| City: | TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 100-8280 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14342186 |

CORRESPONDENCE DATA

Fax Number: (703)684-1460

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 7036841470

Email: mail@brundidge-stanger.com
Correspondent Name: BRUNDIDGE & STANGER, P.C.

Address Line 1: 2318 MILL ROAD SUITE 1020

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 2943.410BS |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | CARL I. BRUNDIDGE |
| SIGNATURE: | /Carl I. Brundidge/ |
| DATE SIGNED: | 03/21/2014 |
| | |

Total Attachments: 1

502732660 REEL: 032494 FRAME: 0927

PATENT

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PATENT REEL: 032494 FRAME: 0928

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 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

MAGNETIC RESONANCE IMAGING DEVICE, AND METHOD FOR GENERATING MAGNETIC SUSCEPTIBILITY ENHANCED IMAGE

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 our signatures:

| INVENTOR(S) (発明者フルネームサイン) | | Date Signed (署名日) |
|------------------------------|----------------------------|----------------------|
| 1) Ryota SA | Το Ryota SATO | 2/24/14 |
| 2) Tow Shire | Z Toru SHIRAI | 2/29/14 |
| 3) Mi Janian | Uni Yo TANIGUCHI | 2/24/14 |
| 4) Yeshiha & | vanturus Yoshihisa SOUTOME | 3/6/14 |
| 5) <u>Joshitaka Bi</u> | Yoshitaka BITO | 2/2427/14 |
| 6) | | 'J. B. |
| 7) | | |
| 8) | | |
| 9) | | |
| 10) | | |

PATENT REEL: 032494 FRAME: 0929

RECORDED: 03/21/2014