502752537 04/03/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYAN	CE:	ASSIGNMENT				
CONVEYING PARTY DA	TA					
		Name Execution	Date			
HIDETA HABARA	03/06/2014					
YOSHIHISA SOUTOME	03/06/2014					
HIROYUKI TAKEUCHI	03/06/2014					
HISAAKI OCHI		03/10/2014				
RECEIVING PARTY DAT	ГА					
Name:	HITACH	HI MEDICAL CORPORATION				
Street Address:	4-14-1 SOTOKANDA, CHIYODA-KU					
City:	ΤΟΚΥΟ					
State/Country:	JAPAN					
Postal Code:	101-0021					
PROPERTY NUMBERS						
		Number				
Property Type Application Number:		Number 14349424				
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Total Attachments: 3

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FORM PTO-1595 (Substitute) RECORDATION FOR					
(Rev. 8-96) PATENTS	Fatent and Trademark Onice				
To the Honorable Commissioner of Patents and Trademarks. Please r	ecord the attached original documents or copy thereof.				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):				
Hideta HABARA; Yoshihisa SOUTOME; Hiroyuki TAKEUCHI; Hisaaki OCHI	Name: HITACHI MEDICAL CORPORATION				
Additional name(s) of conveying party(ies) attached?	Internal Address:				
3. Nature of Conveyance:					
Assignment Merger Security Assignment Change of Name	City/State/Zip: Tokyo, 101-0021, JAPAN				
Execution Date(s): 03/06/2014; 03/06/2014; 03/06/2014; 03/10/2014;	Additional name(s) & address(es) attached?				
 Application number(s) or patent number(s): If this document is bein application is (are): 	g filed together with a new application, the execution date(s) of the				
A. Patent Application No.(s) 14/349,424	B. Patent No.(s)				
Additional numbers att 5. Name and address of party to whom correspondence concerning	ached? Yes No				
document should be mailed:	6. Total number of applications and patents involved:				
Name: Paul Teng	7. Total fee (37 CFR §3.41):\$				
Internal Address:	Enclosed				
Street Address: COOPER & DUNHAM LLP	Authorized to be charged to deposit account				
30 Rockefeller Plaza, 20th Floor	8. Deposit account number:				
City/State/Zip: New York, New York 10112					
	SE THIS SPACE				
9. Statement and signature.					
To the best of my knowledge and belief, the foregoing inform original document.	ation is true and correct and any attached copy is a true copy of the				
Paul Teng, Reg. No. 40,837 <	Anvil 2 2014				
Name of Person Signing	Signature Date				
Name or Feron Olymny	Date				
	Total Number of pages including cover sheet, attachments and document: 3				
OMB No. 0651-0011 (exp. 4/94)					
Mail Stop Assignme Director of the United State P.O.	th required cover sheet information to: nt Recordation Services s Patent and Trademark Office Box 1450				
Alexandria,	VA 22313-1450				

PATENT REEL: 032595 FRAME: 0942

Application No. 14/349,424 Filed on April 3, 2014 Dkt. 1141/86178

<u>ASSIGNMENT</u>

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I/we, the undersigned,

Hereby sell, assign and transfer to HITACHI MEDICAL CORPORATION, a corporation of Japan, having a place of business at 4-14-1, Sotokanda, Chiyoda-ku, Tokyo 101-0021, Japan, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which was executed by the undersigned concurrently herewith and is entitled

MAGNETIC RESONANCE IMAGING APPARATUS AND ANTENNA DEVICE (International application no. PCT/JP2012/076759; filed October 17, 2012)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request Director of the United States Patent and Trademark Office to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers;

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Assignment - Page 2 of 2

Dkt. 1141/86178

communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

[address]

Date:	March	6,	201	4	
Witness:	Kazuhiko	Mito	be	[signature]	
-				[print name	:]
	******			[address]	

Hideta Habara [L.S.] Hideta HABARA

Date: March 6. 2019 Jon Aiga Sentemp [L.S.] Witness: Katsulike Mitche [signature] Yoshihisa SOUTOME

[print name]

Date: March b. 2014-Witness: Katsuhiko Mitche [signature] ___ [print name] [address]

Huroyeki Jakeuchi [L.S.]

Hiroyuki TAKEUCHI

Date: March 10. 2014 Witness: <u>Katuchiko Hitoha</u> [signature] [print name] [address]

Hisaahi OCHI Hisaaki OCHI [L.S.]