504839389 03/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4886126

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROYASU ASANO	03/12/2018
TAKESHI TUKADA	03/12/2018

RECEIVING PARTY DATA

Name:	JEOL LTD.
Street Address:	3-1-2 MUSASHINO, AKISHIMA
City:	TOKYO
State/Country:	JAPAN
Postal Code:	196-8558

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	15936926				

CORRESPONDENCE DATA

Fax Number: (412)471-4094

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (412)471-8815

Email: assignments@webblaw.com

Correspondent Name: THE WEBB LAW FIRM Address Line 1: ONE GATEWAY CENTER

Address Line 2: 420 FT. DUQUESNE BLVD., SUITE 1200 Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	7797-1802797
NAME OF SUBMITTER:	RYAN J. MILLER
SIGNATURE:	/Ryan J. Miller/
DATE SIGNED:	03/28/2018

Total Attachments: 3

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif

PATENT 504839389 REEL: 045365 FRAME: 0279

RECORDATION FORM COVER SHEET						
PATENT	S ONLY					
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) Hiroyasu ASANO	2. Name and address of receiving party(ies)					
Takeshi TUKADA	Name: JEOL Ltd.					
	Internal Address:					
Additional name(s) of conveying party(ies) attached? Yes Vo						
3. Nature of conveyance/Execution Date(s):	Street Address: 3-1-2 Musashino, Akishima					
Execution Date(s) March 12, 2018 Assignment Merger						
Security Agreement Change of Name	City: Tokyo					
Joint Research Agreement	State:					
Government Interest Assignment	State.					
Executive Order 9424, Confirmatory License	Country: JAPAN Zip: 196-8558					
Other	Additional name(s) & address(es) attached? Yes Vo					
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63).					
A. Patent Application No.(s)	B. Patent No.(s)					
15/936,926						
Additional numbers att	 ached? Yes <mark>√</mark> No					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1					
Name: Ryan J. Miller	7. Total fee (37 CFR 1.21(h) & 3.41) \$0					
Internal Address: The Webb Law Firm	7. Total ree (37 OF N 1.21(11) & 3.41) \ \psi_0					
	Authorized to be charged to deposit account					
Street Address: One Gateway Center	Enclosed					
420 Ft. Duquesne Blvd., Ste 1200	None required (government interest not affecting title)					
City: Pittsburgh	8. Payment Information					
State: PA Zip: 15222						
Phone Number: 412-471-8815	Deposit Associat Number					
Docket Number: 7797 - 1802797	Deposit Account Number					
Email Address: assignments@webblaw.com	Authorized User Name					
9. Signature: /Ryan J. Miller/	March 27, 2018					
Signature	Date					
Ryan J. Miller	Total number of pages including cover sheet, attachments, and documents:					
Name of Person Signing Documents to be recorded (including cover sheet	tananananananananananananananananananan					
Mail Stop Assignment Recordation Services, Director of						

PATENT REEL: 045365 FRAME: 0280

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, said undersigned, Hiroyasu ASANO and Takeshi TUKADA, hereby sell and assign to JEOL Ltd. of 3-1-2 Musashino, Akishima, Tokyo 196-8558, JAPAN (hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention known as

NUCLEAR MAGNETIC RESONANCE APPARATUS

for which we have this day executed an application for United States Letters Patent.

The undersigned agree to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize and request the Commissioner for Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant David C. Hanson (Registration No. 23,024); Richard L. Byrne (Registration No. 28,498) and Randall L. Notzen (Registration No. 36,882), whose address is One Gateway Center, 420 Ft. Duquesne Blvd., Suite 1200, Pittsburgh, Pennsylvania 15222, (Telephone No. 412-471-8815) the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT REEL: 045365 FRAME: 0281

	In	witness	whereof,	executed	by	the	undersigned	on	the	date	opposite	the
undersigned's i	ıam	ies.										

Date	2018/3/12	Inventor	港野	博保	
			Hiroyasu ASAN	O	
Date	20/8/3/12	Inventor	提田	到	

Takeshi TUKADA