

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5734229

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOSHIMICHI FUJIWARA	09/06/2019
YOH MATSUKI	09/09/2019
HIROKI TAKAHASHI	09/06/2019
SHINJI NAKAMURA	09/09/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OSAKA UNIVERSITY
<b>Street Address:</b>	1-1, YAMADAOKA, OSAKA
<b>City:</b>	SUITA-SHI
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	565-0871
<b>Name:</b>	JEOL LTD.
<b>Street Address:</b>	3-1-2 MUSASHINO, AKISHIMA
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	196-8558
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16580205
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)471-4094
<i>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.</i>	
<b>Phone:</b>	(412)471-8815
<b>Email:</b>	assignments@webblaw.com
<b>Correspondent Name:</b>	THE WEBB LAW FIRM
<b>Address Line 1:</b>	ONE GATEWAY CENTER
<b>Address Line 2:</b>	420 FT. DUQUESNE BLVD., SUITE 1200
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15222
<b>ATTORNEY DOCKET NUMBER:</b>	7797-1907025

<b>NAME OF SUBMITTER:</b>	RYAN J. MILLER, REG. NO. 56,236
<b>SIGNATURE:</b>	/Ryan J. Miller/
<b>DATE SIGNED:</b>	09/24/2019
<b>Total Attachments: 5</b> source=RecordationCoverSheet#page1.tif source=RecordationCoverSheetPage2#page1.tif source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

## RECORDATION FORM COVER SHEET PATENTS 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)**

Toshimichi FUJIWARA  
Yoh MATSUKI  
Hiroki TAKAHASHI  
Shinji NAKAMURA

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

**2. Name and address of receiving party(ies)**

Name: Osaka University

Internal Address: \_\_\_\_\_

Street Address: 1-1, Yamadaoka, Osaka

City: Suita-shi

State: \_\_\_\_\_

Country: JAPAN Zip: 565-0871

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

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

Execution Date(s) September 6, 2019 and September 9, 2019

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

**4. Application or patent number(s):**

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

16/580,205

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Ryan J. Miller

Internal Address: The Webb Law Firm

Street Address: One Gateway Center  
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 7797 - 1907025

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$0**

- Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

/Ryan J. Miller/

Signature

September 24, 2019

Date

Ryan J. Miller

Name of Person Signing

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

5

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, V.A. 22313-1450

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

Page 2

U.S. Patent Application No. 16/580,205, filed September 24, 2019

U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

**Additional Information (continued from Page 1)**

<p><b>Name of conveying party(ies)</b></p>          <p>Execution Date(s): _____ _____</p>
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<p><b>Name and address of receiving party(ies)</b></p> <p>Name: <u>JEOL Ltd.</u></p> <p>Internal Address: _____ _____</p> <p>Street Address: <u>3-1-2 Musashino, Akishima</u> _____</p> <p>City: <u>Tokyo</u></p> <p>State: _____</p> <p>Country: <u>JAPAN</u> Zip: <u>196-8558</u></p>
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<p><b>Name of conveying party(ies)</b></p>          <p>Execution Date(s): _____ _____</p>
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<p><b>Name and address of receiving party(ies)</b></p> <p>Name: _____</p> <p>Internal Address: _____ _____</p> <p>Street Address: _____ _____</p> <p>City: _____</p> <p>State: _____</p> <p>Country: _____ Zip: _____</p>
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Application No. \_\_\_\_\_

Attorney Docket No. \_\_\_\_\_

**ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

DNP-NMR PROBE AND METHOD OF USING THE SAME

(Invention Title)

for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

for which an application for a United States Patent was filed on \_\_\_\_\_ (mm/dd/yyyy) and bears Application Number \_\_\_\_\_ (hereinafter "said application").

AND/OR

for which an international patent application was filed under the Patent Cooperation Treaty on \_\_\_\_\_ (mm/dd/yyyy), bearing Application No. \_\_\_\_\_ (hereinafter "said application").

AND, WHEREAS, **OSAKA UNIVERSITY**, a corporation of Japan, having a place of business at **1-1, Yamadaoka, Suita-shi, Osaka 565-0871 Japan** and **JEOL Ltd.**, a corporation of Japan, having a place of business at **3-1-2 Musashino, Akishima, Tokyo 196-8558, JAPAN**, hereinafter called the "assignees", are desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignees, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignees the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. 16/580,205, filed 09/24/2019) the filing date and application number of said application when known.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

Application No. \_\_\_\_\_

Attorney Docket No. \_\_\_\_\_

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignees or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignees or by counsel for said assignees to assist or enable said assignees to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignees.

1. FULL NAME OF ASSIGNOR:

Toshimichi FUJIWARA

RESIDENCE:

Suita-shi, Osaka, Japan

EXECUTED this 6th day of September, 2019

Toshimichi Fujiwara

SIGNATURE

WITNESS:

2. FULL NAME OF ASSIGNOR:

Yoh MATSUKI

RESIDENCE:

Suita-shi, Osaka, Japan

EXECUTED this 9th day of September, 2019

Yoh Matsuki

SIGNATURE

WITNESS:



Checked Box indicates 1 additional page of inventor signatures.

Application No. \_\_\_\_\_

Attorney Docket No. \_\_\_\_\_

3. FULL NAME OF ASSIGNOR:

Hiroki TAKAHASHI

RESIDENCE:

Akishima, Tokyo, Japan

EXECUTED this 6th day of September, 2019

Hiroki Takahashi

SIGNATURE

WITNESS:

\_\_\_\_\_

.....

4. FULL NAME OF ASSIGNOR:

Shinji NAKAMURA

RESIDENCE:

Akishima, Tokyo, Japan

EXECUTED this 9th day of September, 2019

Shinji Nakamura

SIGNATURE

WITNESS:

\_\_\_\_\_