507518753 09/29/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIGENORI TSUJI	09/16/2022
MASAO TAKAMOTO	09/14/2022
HIDETOSHI KATORI	09/20/2022

RECEIVING PARTY DATA

Name:	JEOL LTD.
Street Address:	3-1-2 MUSASHINO, AKISHIMA
City:	TOKYO
State/Country:	JAPAN
Postal Code:	196-8558
Name:	RIKEN
Street Address:	2-1, HIROSAWA, WAKO-SHI
City:	SAITAMA
State/Country:	JAPAN
Postal Code:	351-0198

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17915776

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: 4124718815

Email: assignments@webblaw.com **Correspondent Name:** THE WEBB LAW FIRM, P.C. Address Line 1: ONE GATEWAY CENTER

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

ATTORNEY DOCKET NUMBER: 07797-2206693

NAME OF SUBMITTER: RYAN J. MILLER REG.#56236

> PATENT REEL: 061256 FRAME: 0161

SIGNATURE:	/Ryan J. Miller/	
DATE SIGNED:	09/29/2022	
Total Attachments: 4		
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PATENT REEL: 061256 FRAME: 0162

Application No. INTERNATIONAL PCT/JP2021/013475
Attorney Docket No. 07797-2206693

ASSIGNMENT

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

OPTICAL LATTICE CLOCK AND MAGNETIC FIELD CORRECTION METHOD FOR

OPTICAL LATTICE CLOCK (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 and bears Application Number _____ (hereinafter "said application"). AND/OR X for which an international patent application was filed under the Patent Cooperation Treaty 03/30/2021 (mm/dd/yyyy), bearing Application No. PCT/JP2021/013475 (hereinafter "said application"). AND, WHEREAS, JEOL Ltd., a corporation of Japan, having a place of business at 3-1-2 Musashino, Akishima, Tokyo 196-8558, JAPAN and RIKEN, a corporation of Japan, having a place of business at 2-1 Hirosawa, Wako, Saitama, 351-0198, 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, 17/915,776 Customer No. 28289, to insert here in parentheses (Application No. filed 03/30/2021) 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.

INTERNATIONAL Application No. PCT/JP2021/013475
Attorney Docket No. 07797-2206693

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:	RESIDENCE:
Shigenori TSUJI	Akishima, Tokyo, Japan
EXECUTED this 6th day of September	, 2022
1	Trigenon Trail
	SIGNATURE
WITNESS:	
	-
2. FULL NAME OF ASSIGNOR:	RESIDENCE:
Masao TAKAMOTO	Wako, Saitama, Japan
EXECUTED thisday of	. 2022
	, 2022
	Signature
WITNESS:	
	AND
X Checked Box indicates 1 additional	l page(s) for inventor signatures.

Application No. INTERNATIONAL PCT/JP2021/013475
Attorney Docket No. 07797-2206693

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.

 FULL NAME OF ASSIGNOR: 	RESIDENCE:
Shigenori TSUЛ	Akishima, Tokyo, Japan
EXECUTED thisday of	, 2022
	Signature
WITNESS:	
	
2. FULL NAME OF ASSIGNOR:	RESIDENCE:
Masao TAKAMOTO	Wako, Saitama, Japan
EXECUTED this 14 day of Sept	
	Masko Takamoto
	SIGNATURE
	SIGNATURE
WITNESS:	
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X Checked Box indicates 1 addition	onal page(s) for inventor signatures.

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Application No. INTERNATIONAL PCT/JP2021/013475

Attorney Docket No. 07797-2206693

3. FULL NAME OF ASSIGNOR:	RESIDENCE:
Hidetoshi KATORI	Wako, Saitama, Japan
EXECUTED this 20 day of Sept.,	2022 / L
	Signature
WITNESS:	

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