504751192 01/29/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4797920

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYUSUKE SAGAWA	01/24/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15824047

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, 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:	0116-1709731
NAME OF SUBMITTER:	DAVID C. HANSON, REG. NO. 23,024
SIGNATURE:	/David C. Hanson/
DATE SIGNED:	01/29/2018

Total Attachments: 2

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

PATENT 504751192 REEL: 044754 FRAME: 0236

Application No.	15/824,047
Attorney Docket No	0116-1709731

ASSIGNMENT

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

improvements in
SCANNING TRANSMISSION ELECTRON MICROSCOPE AND METHOD OF IMAGE GENERATION
(Invention Title)
for which a United States Provisional Patent application was filed on(mm/dd/yyyy) and bears Application Number (hereinafter "said application"). AND/OR
for which I have this day executed an application for a United States Patent (hereinafter "said application"). AND/OR
X for which an application for a United States Patent was filed on 11/28/2017 (mm/dd/yyyy) and bears Application Number 15/824,047 (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, JEOL LTD., a corporation of Japan, having a place of business at 1-2, Musashino 3-chome Akishima, Tokyo 196-8558, Japan, hereinafter called the "assignee", is 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 assignee, the receipt of which is hereby acknowledged. Las the inventor or as one of the inventors.

hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee 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 divisionals, non-provisionals, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. 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 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.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me,

45P6902.DOCX

Page 1 of 2

Application No	15/824,047		
Attorney Docket No	0116-1709731		

testify in any legal proceedings, sign all lawful papers, execute all divisional, non-provisional 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 assignee or by counsel for said assignee to assist or enable said assignee 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 assignee.

FULL NAME OF ASSIGNOR: Ryusuke Sagawa	RESIDENCE: Tokyo, Japan		
EXECUTED this 2th day of January	, 2018	作叫	隆亮
		Sig	NATURE
WITNESS:			
Name:			
Charles I De la 11 de la 12 de			
Checked Box indicates additional p	oage(s).		
45P6902.DOCX Page	2 of 2		

PATENT REEL: 044754 FRAME: 0238

RECORDED: 01/29/2018