506995019 11/24/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE: ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
TAKANORI MURANO	11/05/2021

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:	17534865

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	JMBER: 7797-2107401	
NAME OF SUBMITTER:	ER: RYAN J. MILLER, REG. NO. 56,236	
SIGNATURE:	/Ryan J. Miller/	
DATE SIGNED:	11/24/2021	

Total Attachments: 2

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PATENT 506995019 REEL: 058205 FRAME: 0507

Attorney Docket No. <u>7797-2107401</u>

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in X-RAY DETECTION APPARATUS AND METHOD (Invention Title)		
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, JEOL Ltd., a corporation of Japau, having a place of business at 3-1-2 Musashino, 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, I as 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 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. $\underline{17/534,865}$, filed $\underline{11/24/2021}$) 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. 17/534,865
Attorney Docket No. 7797-2107401

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, 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 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: 	RESIDENCE:
Takanori MURANO	Akishima, Tokyo, Japan
EXECUTED this 5th day of November	-
WITNESS:	SIGNATURE
2. FULL NAME OF ASSIGNOR:	RESIDENCE:
EXECUTED thisday of	_ , 2021
WITNESS:	Signature
Checked Box indicates additional p	age(s) of inventor signatures.

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PATENT REEL: 058205 FRAME: 0509

RECORDED: 11/24/2021