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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masaki Mukai	03/26/2013

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:	13804380

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	0116-130783
NAME OF SUBMITTER:	David C. Hanson
Signature:	/David C. Hanson/
Date:	05/06/2013

Total Attachments: 2

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PATENT REEL: 030353 FRAME: 0281 OF \$40.00 13804380

Form **PTO-1595** (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

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) Masaki Mukai	2. Name and address of receiving party(ies) Name: JEOL Ltd. Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) March 26, 2013	Street Address: 1-2, Musashino 3-chome, Akishima			
Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	City: _Tokyo State: Country: _JAPAN			
4. Application or patent number(s): This A. Patent Application No.(s) 13/804,380 Additional numbers att	document is being filed together with a new application. B. Patent No.(s) ached? Yes No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: $\underline{1}$			
Name: David C. Hanson Internal Address: The Webb Law Firm	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account			
Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200	Enclosed None required (government interest not affecting title)			
City: Pittsburgh	8. Payment Information			
State: <u>PA</u> Zip: <u>15222</u>	a. Credit Card Last 4 Numbers 4775 Expiration Date 05/2015			
Phone Number: 412-471-8815 Fax Number: 412-945-5933	b. Deposit Account Number 23-0650 Authorized User Name			
9. Signature: Signature Signature	May 6, 2013 Date			
David C. Hanson, Reg. No. 23,024 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			

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

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, said undersigned, MASAKI MUKAI does hereby sell and assign to JEOL Ltd. of 1-2, Musashino 3-chome, 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 METHOD OF ADJUSTING TRANSMISSION ELECTRON MICROSCOPE for which an application for a patent in the United States of America was filed by the undersigned on March 14, 2013, bearing Application No. 13/804,380.

The undersigned agrees 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 agrees 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 agrees 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 agrees 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 authorizes and requests the Commissioner for Patents to issue any and all Letters Patent of the United States resulting from said application of any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has full right to convey the entire interest herein assigned, and that he has 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 A. Notzen (Registration No. 36,882), One Gateway Center, 420 Ft. Duquesne Blvd., Suite 1200, Pittsburgh, Pennsylvania 15222, 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.

In witness whereof, executed by the undersigned on the date opposite the undersigned's name.

Date Mar. 26, 2013 Inventor Masaki Mukar

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RECORDED: 05/06/2013