

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Naoya Shibata	02/21/2011
Wataru Inami	03/03/2011
Hidetaka Sawada	02/15/2011

**RECEIVING PARTY DATA**

<b>Name:</b>	The University of Tokyo
<b>Street Address:</b>	3-1, Hongo 7-chome, Bunkyo-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	113-8654

<b>Name:</b>	JEOL Ltd.
<b>Street Address:</b>	1-2, Musashino 3-chome, Akishima
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	196-8558

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13013919

**CORRESPONDENCE DATA**

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OP \$40.00 13013919

**501474707**

**PATENT  
 REEL: 025995 FRAME: 0321**

Address Line 4: PITTSBURGH, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER:

0116-110208

NAME OF SUBMITTER:

David C. Hanson

Total Attachments: 4

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### 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)**

Naoya Shibata  
Wataru Inami  
Hidetaka Sawada

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

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

Name: The University of Tokyo

Internal Address: 3-1, Hongo 7-chome, Bunkyo-ku

Street Address: \_\_\_\_\_

City: Tokyo

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

Country: Japan Zip: 113-8654

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

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

Execution Date(s) Feb. 21, 2011, March 3, 2011, Feb. 15, 2011

- 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 is being filed together with a new application.

A. Patent Application No.(s)  
13/013,919

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: David C. Hanson

Internal Address: The Webb Law Firm

Street Address: 436 Seventh Avenue  
700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1****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  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 4775  
Expiration Date 05/2012

b. Deposit Account Number 23-0650

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

9. Signature: David C. Hanson  
Signature

March 22, 2011  
Date

David C. Hanson, Reg. No. 23,024  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

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**

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U.S. Patent Application No. 13/013,919, filed 1/26/2011

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

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

**Name of conveying party(ies)**

Execution Date(s): February 21, 2011, March 3, 2011,  
February 15, 2011

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

Name: JEOL Ltd.  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
Street Address: 1-2, Musashino 3-chome, Akishima  
\_\_\_\_\_  
City: Tokyo  
State: \_\_\_\_\_  
Country: Japan Zip: 196-8558

**Name of conveying party(ies)**

Execution Date(s): \_\_\_\_\_  
\_\_\_\_\_

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

Name: \_\_\_\_\_  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
Street Address: \_\_\_\_\_  
\_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_  
Country: \_\_\_\_\_ Zip: \_\_\_\_\_

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, NAOYA SHIBATA, WATARU INAMI and HIDETAKA SAWADA, do hereby sell and assign to THE UNIVERSITY OF TOKYO of 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654, Japan and JEOL LTD. of 1-2, Musashino 3-chome, Akishima, Tokyo 196-8558, Japan (hereinafter designated as the Assignees), 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 TRANSMISSION ELECTRON MICROSCOPE described and claimed in U.S. Patent Application No. 13/013,919, filed January 26, 2011.

The undersigned agree 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 Assignees may deem necessary or expedient.

The undersigned agree 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 Assignees in every way possible in obtaining evidence and going forward with such interference.


The undersigned agree 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 agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignees.

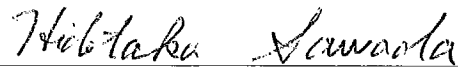
The undersigned hereby authorize and request the Commissioner for Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignees, as Assignees of the entire interest, and hereby covenant that they have full right to convey the entire interest herein assigned, and that they have 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), 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219, 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 names.

Date 21<sup>th</sup>, Feb., 2011 Inventor   
Naoya SHIBATA

Date 3rd, Mar., 2011 Inventor   
Wataru INAMI

Date 15<sup>th</sup> Feb 2011 Inventor   
Hidetaka SAWADA