#### 10/19/2015 503528389

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NORIHISA MORI	10/06/2015
MASARU TAKAKURA	10/06/2015
SHINYA FUJITA	10/06/2015
SHIGERU HONDA	10/06/2015
NAOKI KATO	10/06/2015
SHUICHI SAKAMOTO	09/28/2015

#### **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:	14886345

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	7778-1510152
NAME OF SUBMITTER:	DAVID C. HANSON
SIGNATURE:	/David C. Hanson/
DATE SIGNED:	10/19/2015

**PATENT REEL: 036821 FRAME: 0100** 503528389

# Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif

PATENT REEL: 036821 FRAME: 0101

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) Norihisa Mori Masaru Takakura Shinya Fujita Shigeru Honda	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) October 6, 2015	Street Address: 1-2, Musashino 3-chome, Akishima		
Assignment	City:		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: David C. Hanson	7. Total fee (37 CFR 1.21(h) & 3.41) \$		
Internal Address: The Webb Law Firm	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	<ul><li>☐ Enclosed</li><li>✓ None required (government interest not affecting title)</li></ul>		
City: Pittsburgh	8. Payment Information		
State: <u>PA</u> Zip: <u>15222</u>	a. Credit Card Last 4 Numbers Expiration Date		
Phone Number: 412-471-8815  Fax Number: 412-945-5933	b. Deposit Account Number		
Email Address: assignments@webblaw.com	Authorized User Name		
9. Signature: OWACHAM	October 19, 2015		
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

## RECORDATION FORM COVER SHEET PATENTS ONLY

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U.S. Patent Application No. 14/886,345, filed October 19, 2015		
U.S. Patent No.	, issued	
Additional Informati	on (continued from Page 1)	
Name of conveying party(ies) Naoki Kato Shuichi Sakamoto	Name and address of receiving party(ies)  Name:  Internal Address:	
Execution Date(s): October 6, 2015, September 28, 2015	Street Address:	
Name of conveying party(ies)	Name and address of receiving party(ies)  Name:  Internal Address:	
	Street Address:	
	City:	
Execution Date(s):	State:	
	Country:Zip:	

PATENT REEL: 036821 FRAME: 0103

#### ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, said undersigned, Norihisa MORI, Masaru TAKAKURA, Shinya FUJITA, Shigeru HONDA, Naoki KATO and Shuichi SAKAMOTO, 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 SCATTER DIAGRAM DISPLAY DEVICE AND SURFACE ANALYZER for which for which we have this day executed an application for United States Letters Patent.

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 Assignee 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 Assignee 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 Assignee.

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 Assignee, as Assignee 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 L. Notzen (Registration No. 36,882), whose address is One Gateway Center, 420 Ft. Duquesne Blvd., Suite 1200, Pittsburgh, Pennsylvania 15222, (Telephone No. 412-471-8815) 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 October, 6, 20 15	Inventor	Northica Mori
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Date October, 6, 2015	Inventor	Mosaru Takakura Masaru TAKAKURA
Date October 6, 2015	Inventor	Shinya Fujita Shinya Fujita
Date October 6 2015		
Date October, 6, 2015	<u> </u>	Shigeru HONDA
Date October. 6. 2015	Inventor	Nacki Kato Naoki KATO
Date 2015/09/28	Inventor	Shuchi Sakamoto Shuichi SAKAMOTO