

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takaya Sato</td> <td>05/18/2006</td> </tr> <tr> <td>Michisato Toyoda</td> <td>05/18/2006</td> </tr> <tr> <td>Morio Ishihara</td> <td>05/18/2006</td> </tr> </tbody> </table>		Name	Execution Date	Takaya Sato	05/18/2006	Michisato Toyoda	05/18/2006	Morio Ishihara	05/18/2006		
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Morio Ishihara	05/18/2006										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>JEOL Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1-2, Musashino 3-chome, Akishima</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>196-8558</td> </tr> </table>		Name:	JEOL Ltd.	Street Address:	1-2, Musashino 3-chome, Akishima	City:	Tokyo	State/Country:	JAPAN	Postal Code:	196-8558
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (412)945-5933</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412-471-8815</p> <p>Email: assignments@webblaw.com</p> <p>Correspondent Name: The Webb Law Firm</p> <p>Address Line 1: 436 Seventh Avenue</p> <p>Address Line 2: 700 Koppers Building</p> <p>Address Line 4: Pittsburgh, PENNSYLVANIA 15219</p>											
ATTORNEY DOCKET NUMBER:	0116-110165										
NAME OF SUBMITTER:	David C. Hanson										
<p>Total Attachments: 3</p> <p>source=Assignment#page 1.tif</p>											

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PATENT
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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)

Takaya Sato
Michisato Toyoda
Morio Ishihara

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

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

Execution Date(s) May 18, 2006, May 18, 2006, May 18, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. 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

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

13/028,481

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)

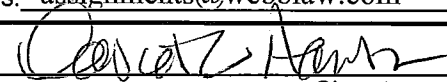
8. Payment Information

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

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

February 21, 2011
Date

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

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

3

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, **TAKAYA SATO, MICHISATO TOYODA and MORIO ISHIHARA**, do 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 AND APPARATUS FOR TIME-OF-FLIGHT MASS SPECTROMETRY** for which an application for a patent in the United States of America was filed in the United States Patent and Trademark Office as initiation of the National Phase of International Patent Application No. PCT/JP2005/008951, filed May 17, 2005;

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 of 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 A. Notzen (Registration No. 36,882), 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219-1845, 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 05/18/2006 Inventor Takaya Sato
Takaya Sato

Date 05/18/2006 Inventor Michisato Toyoda
Michisato Toyoda

Date 05/18/2006 Inventor Morio Ishihara
Morio Ishihara