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To the Assistant Commissioner for Patents, Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(is): Shinichi KITAMURA and Takashi SUEYOSHI</p> <p>Additional name(s) of conveying party(is) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(is)</p> <p>Name: <u>JEOL Ltd.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>1-2, Musashino 3-chome, Akishima</u></p> <p>City: <u>Tokyo 196-8558, JAPAN</u></p> <p>State: _____ ZIP: _____</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>September 13, 1999</u></p>	

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

<p>A. Patent Application No. (s)</p> <p>Serial No. <u>09/111,971</u>, filed July 8, 1998</p>	<p>B. Patent No. (s)</p>
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>David C. Hanson</u></p> <p>Internal Address: <u>Webb Ziesenheim Logsdon</u></p> <p><u>Orkin &amp; Hanson, P.C.</u></p> <p>Street Address: <u>700 Koppers Building</u></p> <p><u>436 Seventh Avenue</u></p> <p>City: <u>Pittsburgh</u> State: <u>PA</u> ZIP: <u>15219-1818</u></p>	<p>6. Total number of applications and patents involved: <span style="border: 1px solid black; padding: 2px;">1</span></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: _____</p> <p>(Attach triplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David C. Hanson, Reg. No. 23,024 *David C. Hanson* September 21, 1999

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document

3

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents, U.S. Patent and Trademark Office Office of Public Records, Crystal Gateway 4, Room 335 Washington, D.C. 20231

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PATENT REEL: 010259 FRAME: 0645

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, SHINICHI KITAMURA and TAKASHI SUEYOSHI, 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 SCANNING PROBE MICROSCOPE for which an application for a patent in the United States of America was filed by the undersigned on July 8, 1998 bearing Serial No. 09/111,971.

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 15219-1818, 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 undersigneds' names.

Date September 13, 1999 Inventor 北村 真一  
Shinichi KITAMURA

Date September 13, 1999 Inventor 末吉 孝  
Takashi SUEYOSHI