
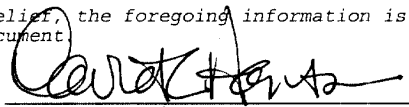


MRD 6-12-98

FORM PTO-1595 (Rev. 6-93)		06-24-1998  100745475	RECEIVED U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office JUN 12 1998
OMB No. 0651-0011 (exp. 4/94) Tab settings: → → → ▼		To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): <u>Takao SHINKAWA</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>04/02/98</u>	2. Name and address of receiving party(ies) Name: <u>JEOL Ltd.</u> Internal Address: _____ Street Address: <u>1-2, Musashino 3-chome, Akishima</u> City: <u>Tokyo 196, JAPAN</u> State: _____ ZIP: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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: _____			
A. Patent Application No.(s) <u>Serial No. 08/890,149, filed July 9, 1997</u>		B. Patent No.(s)	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>David C. Hanson, Esq.</u> Internal Address: <u>Webb Ziesenheim Bruening</u> <u>Logsdon Orkin & Hanson, P.C.</u> Street Address: <u>700 Koppers Building</u> <u>436 Seventh Avenue</u> City: <u>Pittsburgh</u> State: <u>PA</u> ZIP: <u>15219-1818</u>	6. Total number of applications and patents involved: 1		
7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account		8. Deposit account number: _____ (Attach triplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="width: 30%;"> <u>David C. Hanson, Reg. No. 23,024</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>June 12, 1998</u> Date </div> </div> <div style="text-align: right; margin-top: 10px;"> 3 </div>			
Total number of pages including cover sheet, attachments and document			

06/22/1998 TTON11 00000226 08890149 documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

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PATENT
 REEL: 9254 FRAME: 0001

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, said undersigned, TAKAO SHINKAWA, does hereby sell and assign to JEOL Ltd. of 1-2, Musashino 3-chome, Akishima, Tokyo 196, 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 ELECTRON MICROSCOPE for which an application for a patent in the United States of America was filed by the undersigned on July 9, 1997 bearing Serial No. 08/890,149.

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 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 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 grants David C. Hanson (Registration No. 23,024) Richard L. Byrne (Registration No. 28,498) and Randall A. Notzen (Registration No. 36,882), whose address is 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219-1818, (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 name.

Date April 2, 1998 Inventor Takao Shinkawa
Takao SHINKAWA