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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): 10-15-67-	2. Name and address of receiving party(ies)
Fumio HOSOKAWA	Name:JEOL Ltd.
Additional name(s) of conveying party(ies) attached? Yes No	Internal Address:
3. Nature of conveyance:	
⊠ Assignment □ Merger	Street Address: <u>1-2, Musashino 3-chome, Akishima</u>
☐ Security Agreement ☐ Change of Name	Tokyo 196-8558, Japan
□ Other	City:
Execution Date: September 20, 2002	State: ZIP:
	Additional name(s) & address(es) attached? I was (TW No
4. Application number(s) or patent number(s): If this document is being filed together with a new application,	
If this document is being filed together with a new application, the execution date of the application is:	
the execution date or the application is:	
A. Patent Application No.(s)	B. Patent No.(s) SEC M SEC
Serial No. 10/194,412, filed July 12, 2002	B. Patent No.(s)
Additional numbers attached? ☐ Yes ☒ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: David C. Hanson	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address: Webb Ziesenheim Logsdon	図 Enclosed
Orkin & Hanson, P.C.	☐ Authorized to be charged to deposit account
Street Address: 700 Koppers Building	
436 Seventh Avenue	8. Deposit account number:
City: Pittsburgh State: PA ZIP: 15219-1818	(Attach triplicate copy of this page if paying by deposit account)
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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 Name of Person Signing October 8, 2002 Date	
Total number of pages including cover sheet, attachments and document 3	

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PATENT REEL: 13389 FRAME: 0746

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, said undersigned, FUMIO HOSOKAWA does 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 SPHERICAL ABERRATION CORRECTOR FOR ELECTRON MICROSCOPE for which an application for a patent in the United States of America was filed by the undersigned on July 12, 2002, bearing Serial No. 10/194,412.

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 of 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 L. 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.

PATENT REEL: 13389 FRAME: 0747

In witness whereof, executed by the undersigned on the date opposite the undersigned's name.

Date September 20, 2002 Inventor Jumo Historica Fumio HOSOKAWA

RECORDED: 10/15/2002

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PATENT REEL: 13389 FRAME: 0748