

5/18/01

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

1. Name of conveying party(is):
Setsuo NORIOKA, Manabu SAITO and Akira TOHYAMA

Additional name(s) of conveying party(is) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 05/11/01; 05/11/01; 05/11/01

2. Name and address of receiving party(is)
 Name: JEOL Ltd.
 Internal Address: _____
 Street Address: 1-2, Musashino 3-chome, Akishima
 City: Tokyo 196-8558, JAPAN
 State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes 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: May 11, 2001

09/860242

A. Patent Application No.(s) _____ B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: David C. Hanson
 Internal Address: Webb Ziesenheim Logsdon
Orkin & Hanson, P.C.
 Street Address: 700 Koppers Building
436 Seventh Avenue
 City: Pittsburgh State: PA ZIP: 15219-1818

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: _____
 (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 David C. Hanson May 18, 2001
 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:
 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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ASSIGNMENT

For good and valuable consideration paid to the undersigned, SETSUO NORIOKA, MANABU SAITO and AKIRA TOHYAMA, 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 OF INSPECTING ACCURACY IN STITCHING PATTERN ELEMENTS, 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, continuation-in-part, 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 or continuation-in-part or 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.

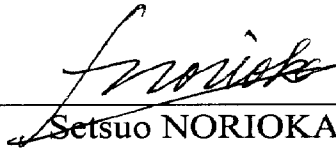
The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

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 continuation-in-part 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 undersigned's names.

Date May 11, 2001

Inventor 
Setsuo NORIOKA

Date May 11, 2001

Inventor 
Manabu SAITO

Date May 11, 2001

Inventor 
Akira TOHYAMA