06-23-1999 FORM PTO-1595 SHEE (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) 101072967 Tab settings ⇒ ⇒ → ▼ To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(is) 1. Name of conveying party(is): JEOL Ltd. Yoshihiro ARAI Internal Address: Additional name(s) of conveying party(is) attached? $\mbox{\ensuremath{\square}}$ Yes $\mbox{\ensuremath{\square}}$ No 3. Nature of conveyance: Street Address: 1-2, Musashino 3-chome, Akishima □ Merger ■ Assignment □ Security Agreement □ Change of Name Tokyo 196-8558, JAPAN City: _ □ Other ZIP: State: Execution Date: April 5, 1999 Additional name(s) & address(es) attached?

Yes

No 4. Application number(s) or patent number(s): URD 6.21.99 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No. (s) Serial No. 08/811,774, filed March 6, 1997 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: 1 David C. Hanson Internal Address: Webb Ziesenheim Logsdon 7. Total fee (37 CFR 3.41).....\$ 40.00 Orkin & Hanson, P.C. ⊠ Enclosed Street Address: 700 Koppers Building □ Authorized to be charged to deposit account 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) DO NOT USE THIS SPACE

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.

Richard L. Byrne, Req. No. 28,498
Name of Person Signing

Inhard of Curry

<u>June 16, 1999</u> Date

Total number of pages including cover sheet, attachments and document

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PATENT REEL: 010031 FRAME: 0896

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, said undersigned, YOSHIHIRO ARAI, 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 PRINTED SHEET FOR DEFLECTION COILS for which an application for a patent in the United States of America was filed by the undersigned on March 6, 1997, bearing Serial No. 08/811,774.

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: 010031 FRAME: 0897

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

Date April. 5, 199. Inventor You

nventor John Mai

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RECORDED: 06/21/1999

PATENT , REEL: 010031 FRAME: 0898