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PATENTS ONLY

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Name: JEOL Ltd. Additional name(s) of conveying party(ies) attached? Tyes & No 3. Nature of conveyance: Assignment									
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Street Address: 1-2, Musashino 3-chome, Akishima Tokyo 196-8558, Japan City: Execution Date: May 13, 2002 Additional name(s) i address(s) 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: A. Patent Application No.(s) Serial No. 10/117, 985, filed April 8, 2002 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 Logadon Orkin & Hanson, P.C. Street Address: 700 Koppers Building 436 Seventh Avenue City: Pittsburgh State: PA ZIP: 15219-1818 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the loregoing information is true and correct and any attached copposite of the original document of the lost of my knowledge and belief, the loregoing information is true and correct and any attached copposite of the original document of the lost of my knowledge and belief, the loregoing information is true and correct and any attached copposite of the original document of the lost of my knowledge and belief, the loregoing information is true and correct and any attached copposite is a true copy of the original document of the lost of my knowledge and belief, the loregoing information is true and correct and any attached copposite is a true copy of the original document of the lost of my knowledge and belief, the loregoing information is true and correct and any attached copposite is a true copy of the original document of the lost of the lost of my knowledge and belief, the loregoing information is true and correct and any attached copposite is a true copy of the original document of the lost of the	3. Nature of conveyance:								
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Serial No. 10/117,985, filed April 8, 2002 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: David C. Hanson 7. Total fee (37 CFR 3.41) \$ 40.00 Internal Address: Webb Ziesenheim Logsdon Enclosed Authorized to be charged to deposit account Street Address: 700 Koppers Building 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 9. Statement and signature. To the best of my knowledge and belief, is a true copy of the original document is a true copy of the original document David C. Hanson, Reg. No. 23,024 Signature Date									
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David C. Hanson, Reg. No. 23,024 David C. Barson Signing Signature July 9, 2002 Date									

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, said undersigned, KENICHI HASEGAWA 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 MULTIPLE-TUNED CIRCUIT AND PROBE FOR NMR SPECTROMETER for which an application for a patent in the United States of America was filed by the undersigned on April 8, 2002, bearing Serial No. 10/117,985.

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: 013142 FRAME: 0967

	In witness	whereof,	executed	by the	undersign	ed on th	e date	opposite	the
undersigned's	name.								

Date May 13, 2002 Inventor Kenichi Idaugawa
Kenichi HASEGAWA

RECORDED: 07/31/2002