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PATENTS ONLY

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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):

Takefumi EGUCHI, Mamoru IMANARI and
Yoshiaki YAMAKOSHI

2. Name and address of receiving party(ies)

Name: JEOL Ltd.

Internal Address: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: 1-2, Musashino 3-chome, Akishima
AP Japan Inc.
Tokyo 196-8558, Japan

City: _____

State: _____ ZIP: _____

Execution Date: 08/07/02; 08/07/02; and 08/08/02

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: _____

A. Patent Application No. (s)

B. Patent No. (s)

Serial No. 09/656,976, filed September 7, 2000

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: _____

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

Name of Person Signing

[Signature]
Signature

September 23, 2002

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

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, TAKEFUMI EGUCHI, MAMORU IMANARI, and YOSHIAKI YAMAKOSHI, 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 NMR CELL SYSTEM FOR SUPERCRITICAL FLUID MEASUREMENTS AND HIGH-PRESSURE CELL FOR NMR for which an application for a patent in the United States of America was filed by the undersigned on September 7, 2000 bearing Serial No. 09/656,976.

The undersigned agree 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 agree 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 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 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 7, Aug. 2002

Inventor Takefumi Eguchi
Takefumi EGUCHI

Date 7. Aug. 2002

Inventor Mamoru Imanari
Mamoru IMANARI

Date 8. Aug. 2002

Inventor Yoshiaki Yamakoshi
Yoshiaki YAMAKOSHI