01-23-2003 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE RECC [EET (Rev. 6-93) Patent and Trademark Office 102345099 OMB No. 0651-0011 (exp. 4/94) Tab settings $\Rightarrow \quad \Leftrightarrow \quad \nabla$ To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): _ 22-03 2. Name and address of receiving party(ies) Name: JEOL Ltd. Katsuya HIOKA Internal Address: Additional name(s) of conveying party(ies) attached?

Yes
No 3. Nature of conveyance: ■ Assignment ☐ Merger Street Address: 1-2, Musashino 3-chome, Akishima ☐ Security Agreement ☐ Change of Name Tokyo 196-8558, Japan ☐ Other City: _ Execution Date: November 29, 2002 State: ZIP: Additional name(s) & address(es) attached? Tes B 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: B. Patent No.(s) A. Patent Application No.(s) Serial No. 10/263,459, filed October 2, 2002 Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: David C. Hanson Name: 7. Total fee (37 CFR 3.41).....\$ 40.00 Internal Address: Webb Ziesenheim Logsdon ☑ Enclosed Orkin & Hanson, P.C. ☐ Authorized to be charged to deposit account

8. Deposit account number:

City: Pittsburgh State: PA ZIP: 15219-1818

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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

Total number of pages including cover sheet, attachments and document 3

Mail documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

01/23/2003 DBYRNE 00000002 10263459 01 FC:8021 40.00 0F

{wob39386.1}

Street Address: _700 Koppers Building

PATENT REEL: 013670 FRAME: 0375

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to the undersigned, said undersigned, KATSUYA HIOKA 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 HIGH SPEED SAMPLE SPINNER FOR SOLID NMR SPECTROSCOPY for which an application for a patent in the United States of America was filed by the undersigned on October 2, 2002, bearing Serial No. 10/263,459.

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.

{W0016239.1}

PATENT REEL: 013670 FRAME: 0376

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

Date 29 November 2002 Inventor Katsuya HickA

Katsuya HIOKA

{W0016239.1}

RECORDED: 01/22/2003

PATENT REEL: 013670 FRAME: 0377