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U.S. DEPARTMENT OF COMMERCE

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OMB No. 0651-0011 (exp. 4/94)	_
Tab settings ⇔ ⇔ ∇	V V V V V
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Gary L. SAMUELSON 19/14	2. Name and address of receiving party(ies) Name:
Additional name(s) of conveying party(ies) attached? Yes No	Internal Address:
3. Nature of conveyance: Assignment	Street Address: 11 Dearborn Road
☐ Security Agreement ☐ Change of Name ☐ Other	City: Peabody
Execution Date: August 27, 2001	State: MA ZIP: 01960 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) 09/868,345	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: David C. Hanson Internal Address: Webb Ziesenheim Logsdon Orkin & Hanson, P.C. Street Address: 700 Koppers Building	7. Total fee (37 CFR 3.41)\$40.00 ☑ Enclosed ☐ Authorized to be charged to deposit account
436 Seventh Avenue City: Pittsburgh State: PA ZIP: 15219-1818	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 September 12, 2001 Date	
Total number of pages including cover sheet, attachments and document	

Mail documents to be recorded with required cover sheet information to:
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FORM PTO-1595

(Rev. 6-93)

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PATENT REEL: 012162 FRAME: 0392

ASSIGNMENT

WHEREAS, I, Gary L. SAMUELSON, residing in the City of Amesbury, County of Essex, Commonwealth of Massachusetts, together with Charles D. MARTIN, Edward E. OWEN and Jeffrey W. FINCH as joint inventors, have invented certain new and useful improvements in "IN-LINE REFLECTING TIME-OF-FLIGHT MASS SPECTROMETER FOR MOLECULAR STRUCTURAL ANALYSIS USING COLLISION INDUCED DISSOCIATION" for which a patent application was received in the United States Patent and Trademark Office on June 15, 2001 and bears Serial No. 09/868,345 and filed a United States Provisional Application on December 17, 1998 which bears Serial No. 60/112,615 (hereinafter "said applications");

AND, WHEREAS, JEOL USA, INC., a corporation of Delaware, having a place of business at 11 Dearborn Road, Peabody, Massachusetts 01960, hereinafter called the "assignee", is desirous of acquiring my entire right, title, and interest in and to said applications and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said applications and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. I covenant that I am the lawful owner of an undivided fractional interest in the said applications, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that I have the full right to make this assignment.

And for the consideration aforesaid, I agree that I will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said

PATENT REEL: 012162 FRAME: 0393 assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Date 8/27/0/ Inventor Jany Samuelson

-2-

RECORDED: 09/14/2001