## 10-27-2004

Form <b>PTO-1595</b> (Rev. 10/02)		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		
OMB No. 0651-0027 (exp. 6/30/2005)  Tab settings ⇔ ⇔ ▼ ▼	102868783	10/25/04		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
Name of conveying party(ies):     Paul O'Connor     Gianluigi DeGeronimo	Nam	e and address of receiving party(ies)  Brookhaven Science Associates  nal Address: Bldg. 460		
<u> </u>	rger	et Address: 40 Brookhaven Avenue		
Other	City:	UptonState: NY _Zip: 11973-5000 onal name(s) & address(es) attached? Yes No		
A. Patent Application No.(s) S.N. 10/835,092 filed 4/29	with a new application, th	e execution date of the application is:		
Name and address of party to whom concerning document should be mailed	1:	Yes No number of applications and patents involved: 1 fee (37 CFR 3.41)		
Name: Margaret C. Bogosian  Internal Address:	E	Enclosed  Authorized to be charged to deposit account		
Street Address: Brookhaven National P.O. Box 5000, Bldg. 475D  City: Upton State: NY Zip: 11	Laboratory 02	-3977		
<b> </b>	DO NOT USE THIS SI	PACE		
9. Signature.  Margaret C. Bogosian  Name of Person Signing	Signat	0 20/21/04		

10/26/2004 ECOOPER 00000141 023977 DI FC:8021 40.00 DA

Total number of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

WHEREAS, we Paul O'Connor and Gianluigi DeGeronimo, citizens of the United
States, respectively, residing in Bellport, County of Suffolk, State of New York, and in
Nesconset , County of Suffolk State of New York , have invented certain new and useful
improvements in "Method and Apparatus for Signal Processing in a Sensor System for Use in
Spectroscopy", for which we filed an application for United States Letters Patent on April 29,
2004 , accorded S.N. 10/835,092 ; and executed by us on7/23/04 ; and
WHEREAS, the Brookhaven Science Associates desires to acquire the entire right, title
and interest in and to the said invention and in and to any Letters Patent wherever they may be
issued thereon;

WHEREAS, the Brookhaven Science Associates has elected to take title to said invention pursuant to P.L. 98-620 and has informed the U.S. Department of Energy of that election and the U.S. Department of Energy has not exercised any exceptions thereto under either 401.3(a)(2) or (3) of P.L. 98-620, but retains the right to do so;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to us in hand paid by said Brookhaven Science Associates and for other good and valuable consideration, the receipt of which is hereby acknowledged, we by these presents do sell, assign, and transfer unto the said Brookhaven Science Associates the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Brookhaven Science Associates to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Brookhaven Science Associates any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms, and contents as may be required by the Brookhaven Science Associates, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved, and we agree that we will aid the Brookhaven Science Associates in every way in protecting the invention as may be requested by the Brookhaven Science Associates or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Brookhaven Science Associates

WITNESS:	T) oz	
MGK. Tacolla	Paul O'Connor	(SEAL)
•	Date 7/23/04	
WITNESS:	Galak fer	
Moc. Tauel	Gianluigi DeGeronimo	(SEAL)
	Date 7/23/04	
Approved and consented to this <u>A</u>	day of Olker 2004.	
ATTEST:		$\supset$
	By <u>MARGARET C. BOG</u>	OSIAN
	Its PATENT COUNSEL	

**RECORDED: 10/25/2004** 

PATENT REEL: 015912 FRAME: 0919