7-27-98	
FORM PTO-1595 05 - 18 - 199	Patent and Tracement Office
(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	
Tab settings ➡ ➡ ➡ ♥	
To the Honorable Commissio. 10071349	.ached original documents or copy thereof.
Name of conveying party(ies): Minh Le	2. Name and address of receiving party(ies):
Kuang Han Chen	Name: <u>Massachusetts Inst. of Technology</u>
Taber H. Smith Duane S. Boning	Internal Address:
Herbert H. Sawin Additional name(s) of conveying party(les) attached? Yes No	
Nature of conveyance:	
	Street Address: 77 Massachusetts Avenue
☐ Security Agreement ☐ Change of Name	<u>.</u>
☐ Other	City: Cambridge State: MA ZIP: 02139
Execution Date: <u>4-6-98</u> , <u>4-13-98</u> , <u>3-31-98</u>	Additional name(s) & address(es) attached? Yes No
Application number(s) or patent number(s):	
If this document is being filed together with a new application, the e	execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
	<i>B.</i> Falcin No.(3)
08/956,575	
48A645 444 192553 0826262	ttached? ☐ Yes ☑ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Theresa A. Lober	7. Total fee (37 CFR 3.41)\$\\\\4000
Internal Address: T. A. Lober Patent Services	☐ Enclosed
·	Authorized to be charged to deposit account
Street Address: 128 Robbins Drive	8. Deposit account number:
·	19-2553
City: <u>Carlisle</u> State: <u>MA</u> ZIP: 01741	(Attach duplicate copy of this page if paying by deposit account)
DO NOT US	E THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information document. Theresa A. Lober Name of Person Signing Signature Signature Name of Person Signing	is true and correct and any attached copy is a true copy of the original

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

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

Commissioner of Patents & Trademark, Box Assignments

Washington, D.C. 20231

Agent Docket No.: MIT7735

ASSIGNMENT

For valuable consideration, We, MINH LE, OF COLORADO SPRINGS, COLORADO; KUANG HAN CHEN, OF BOSTON, MASSACHUSETTS; TABER H. SMITH, OF DALLAS, TEXAS: DUANE S. BONING, OF BELMONT, MASSACHUSETTS; AND HERBERT H. SAWIN, OF CHESTNUT HILL, MASSACHUSETTS; hereby assign to MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, and its successors and assigns (collectively hereinafter called "ASSIGNEE"), the entire right, title, and interest throughout the world in the inventions and improvements which are the subject of the patent specification filed October 23, 1997, as application Serial No. 08/956,575, and entitled MONITOR OF PLASMA PROCESSES WITH MULTIVARIATE STATISTICAL ANALYSIS OF PLASMA EMISSION SPECTRA; this assignment including said application and any and all the United States and foreign patent applications and patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of this application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; and we authorize ASSIGNEE to apply, by attorneys and/or agents of ASSIGNEE selection, in all countries in the inventors' names or its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and it is agreed for ourselves and our respective heirs, legal representatives, and assigns, without further compensation, to perform such lawful acts including the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved, and to sign such further applications for patents, including those of foreign countries, and substitution, reissue, divisional, or continuation applications or other such further applications, and to sign such further assignments, preliminary statements, and other lawful documents as ASSIGNEE may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set	my hand and affix my seal at <u>Colorado Springs</u> , this <u>6</u> day of <u>Apric</u> , 1998.
Colorado	this 6 day of Apric, 1998.
	millo
STATE OF COLORADO	- conh of
COUNTY OF EL PASO	SS.
Before me this 6 day of	f Apric, 1998, personally appeared
MINH LE, known to me to be the pe	erson whose name of subscribed to the foregoing Assignment and
acknowledged that he executed the	same as his free act and deed for the purposes therein contained.
	amy Borner NOTARY PUBLIC
	NOTARY PUBLIC
[Notary's Seal Here]	My Commission expires: $5/20/200/$

PATENT REEL: 9163 FRAME: 0800

My Commission Expires May 20, 2001

	7. 1
IN WITNESS WHEREOF, I hereto	set my hand and affix my seal at <u>Cambridge</u> ,
Mass.	this <u>13th</u> day of <u>April</u> , 19 <u>98</u>
	set my hand and affix my seal at <u>Cambridge</u> , this 13th day of <u>April</u> , 1998 Kuguy Han chen SS.
COUNTY OF Middle sex	·
Before me this 13t da KUANG HAN CHEN, known to r	ay of $\frac{1998}{1000}$, personally appeared me to be the person whose name of subscribed to the foregoing that he executed the same as his free act and deed for the purposes
MARIA NAROLINA SUNWELLINA	Notary Public
[Notary's Stal Hendministon Expires Nov. 10, 2000 Chuse Chus	My Commission expires: \\\\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\
IN WITNESS WHEREOF, I hereto	set my hand and affix my seal at,
Texas	this 31^{st} day of March, 1998
STATE OF TEXAS	
	SS.
COUNTY OF Dallas	ay of <u>Much</u> , 19 <u>98</u> , personally appeared
Before me this 2/8 da	ay of, 1948, personally appeared
TABER H. SMITH, known to me	to be the person whose name of subscribed to the foregoing that he executed the same as his free act and deed for the purposes
	NOTARY PUBLIC
	₩
[Notary's Seal Here]	My Commission expires:
	July 10, 2000

Hagachisetts TATE OF Hagachusetts COUNTY OF Middlesex Refere methic 1242 days	_ this SS.	13cm	_day of _	April	77 -	_, 19 <u>98</u>
COUNTY OF MTWIESEY	 SS.		une	\mathcal{C}	1/ -	
COUNTY OF MTWIESEY	SS.				1200	<u> </u>
Refere me this 1241 days	—·					
Before me this 13th day of DUANE S. BONING, known to me to Assignment and acknowledged that herein contained.	of Apo	e person ecuted	n whose nather same	, 19 <u>9</u> name of as his fr	\(\frac{\delta}{\}\), persone subscribe ee act and	onally appeared ed to the foregoing d deed for the purp
MARIA NAS		· ~	Mary	NOTAL	erigi	
Notary's Seal Hete Commission Explans Nov. 19, 2000 ARY PURENTED	* A STATE OF THE PARTY OF THE P	Му	Commiss	sion exp	ires: ۱۱/۱	o Z00°
N WITNESS WHEREOF, I hereto set	-		affix my s _ day of _		Cambri	, 19 7 8
7/00-2000	_ 1115 -		Lay of	7/		_, 17_/
TATE OF Maushusetts		Mr.	-w A	~	am	<u>J</u>
COUNTY OF Millesex	SS.					
Before me this \\ \lambda \text{Lh} \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	to be t	he pers	on whose	name o	f subscri	bed to the foregoin
			M.a.	The Y	(wig	{
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Notary's Seal Heron Notary's Seal Heron Notary's Seal Heron Notary Commission Expires Nov. 10, 2000		Му	Commiss	ion exp	ires: ۱۱	m/zccc

PATENT REEL: 9163 FRAME: 0802