RF:	10-30-1998	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trad	100863643	nents or copy thereof.	984
<ol> <li>Name of conveying party(ies): Tryphon T. Georgiou</li> <li>Additional name(s) of conveying party(ies) attached: Yes</li> <li>Nature of Conveyance:</li> <li>X_Assignment Merger</li> <li>Security Agreement Change of Nan</li> <li>Other Other</li> </ol>	<u>x</u> No Name: Regents Internal Address Minneapolis, Mi Street Address: City <u>Minneapo</u>	ddress of receiving party(ies):s s of the University of Minnesota s: Morris Hall, 100 Church Stree innesota 55455 Morris Hall, 100 Church Street, <u>blis_</u> State: <u>MN_</u> Zip: <u>55455</u> & address(es) attached? <u>Yes</u>	s.e.
Execution Date: <u>October 13, 1998</u> 4. Application number(s) or patent number(s): 09			
A. Patent Application No.(s) Additional num	B. Patent No.(s		
<ol> <li>Name and address of party to whom correspond concerning document should be mailed:</li> </ol>	ence 6.	f applications and patents involve	ed: <u>1</u>
Name: R. Haferkamp Internal Address: 7733 Forsyth Boulevard, Suite 1400 Street Address: 7733 Forsyth Boulevard, Suite 1400 City: <u>St. Louis</u> State: <u>MO</u> ZIP: <u>63105</u>	100 00 X Authorize	CFR 3.41) d ed to be charged to deposit acco <b>is insufficient)</b>	
		8. Deposit account number: 18-1829 (Attach duplicate copy of this page if paying by deposit account)	
	DO NOT USE THIS SPACE		
9. Statement and Signature. To the best of my knowledge and belief, the foregoing information R. Haferkamp Name of person signing /29/1998 DNGUTEN 00000308 09175984 FC:581 OMB No. 0651-0011 (exp. 4/94)	n Firue and correct and any attache	ed copy is a true copy of the original docu C. C. C	

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PATENT REEL: 9539 FRAME: 0660

## PATENT

## ASSIGNMENT

WHEREAS, I, Tryphon T. Georgiou of 2098 Folwell Avenue, Falcon Heights, Minnesota 55108, have co-invented certain new and useful improvements in *Method And Apparatus For A Tunable High-Resolution Spectral Estimator* for which I have executed an application for Letters Patent in the United States identifying me as a co-inventor thereof (said application being identified as Howell & Haferkamp, L.C., Docket 3047-6228); and

WHEREAS, Regents of the University of Minnesota, a corporation of the State of Minnesota having its principal office and place of business at Morrill Hall, 100 Church Street S.E., Minneapolis, Minnesota 55455, is desirous of acquiring the entire right, title and interest in and to said invention and improvements as disclosed in said application, in and to all trade secrets, know-how, confidential information and any other proprietary information and rights therein as may be useful or desirable in commercializing said invention (hereinafter "Proprietary Rights"), in and to said application, and in and to the patent to be obtained thereon.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, I, Tryphon T. Georgiou, have sold, assigned and transferred and do hereby sell, assign and transfer unto said Regents of the University of Minnesota, its successors or assigns, the entire right, title and interest in and to said invention and improvements as the same are disclosed in said application, in and to said Proprietary Rights, in and to said application, and in and to any Letters Patent, including divisionals, continuations, reissues, reexaminations and extensions to be obtained therefor in the United States and all foreign countries; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the assignee may desire to apply for, but at the expense of said assignee.

The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Letters Patent to said Regents of the University of Minnesota in accordance with this Assignment.

> PATENT REEL: 9539 FRAME: 0661

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IN WITNESS WHEREOF, I have hereunto set my hand the <u>13</u> day of

October \_\_\_\_ 1998.

Tryphon Georgian Tryphon T. Georgiau

STATE OF MINNESOTA SS COUNTY OF HENNEPIN On this <u>1744</u> day of <u>0</u> for the County of <u>Hemmerica</u>, State of <u>Minnesota</u>, personally appeared Tryphon T. Georgiou, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Laurel Maria Corgard

My Commission Expires: 1 - 3(-2000)

