FORM PTO-1595 MOGRECORI O	5-17-1999	ET	U.S. DEPARTMENT OF COMMER	
(Rev. 6-93)			Patent and Trademan	fice
	01038290	documents or cop	by thereof.	<u>.</u>
Name of conveying part(ies):	2. Name and address		<u> </u>	50/SC
Robert E. Schwerzel Nile F. Hartmann	Name:	Georgia Tech Res	earch Corporation	/SO
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No		400 Tenth Street Centennial Resea Atlanta, Georgia	rch Building	
2.774	Additional name	e(s) & address(es) atta	ched? ☐ Yes ☒ No	
3. Nature of conveyance:				
<ul><li>☒ Assignment</li><li>☐ Merger</li><li>☐ Security Agreement</li><li>☐ Change of Name</li><li>☐ Other:</li></ul>				
Execution Date: April 30, 1999				
4. Application number(s) or patent number(s):		<del>-</del>		
If this document is being filed together with a new application,	the execution date of the appli	cation is: April 30	), 1999	
A. Patent application No.(s) B. Pater	at No.(s) 89/2	,05391		
	0 17 9			
Additional nun	nbers attached? ☐ Yes ☐No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of ap	plications/patents	involved: [1]	
Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway, Suite 1500 Atlanta, Georgia 30339				
	7. Total fee (37 CFR 3	3.41) \$40.00		
	☐ Enclosed☐ Authorized to be	charged to deposi	t account	
DE /14 / 4000 VOULDED	8. Deposit Account No	umber:		
05/14/1999 JSHABAZZ 00000156 09305391 01 FC:581 40.00 0P	20-0778 (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 informative copy of the original document.  Scott A. Horstemeyer Typed Name  Docket #: 62004-1030  Total number of pages including	on is true and correct and any	5/4/9 Date	a oct	
DOUNCE #. 02007-1030 Total number of pages including	with short, anachments, and docume	wr. [2]		

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, Box Assignments
Washington, D.C. 20231

## ASSIGNMENT AND AGREEMENT

WHEREAS:

<u>Name</u>	Address
Robert E. Schwerzel	540 Dartington Way, Alpharetta, Georgia 30022
Nile F. Hartman	5595 Southern Pines Court, Stone Mountain, Georgia 30087

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent entitled:

## INTEGRATED OPTIC SPECTROMETER AND METHODS.

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	executed on even date herewith, filed with the United States Patent and Trademark Office on, and assigned Serial No, and
	further described in U.S. Provisional Application entitled, filed with the United States Patent and Trademark Office on, and assigned Serial No.
Note:	Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, Georgia Tech Research Corporation, having a business at 400 Tenth Street, Suite 275, Atlanta, Georgia 30332-0415, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in said invention(s) and application and in any U.S. and foreign patents which may be granted on the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and by this agreement does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, the entire right, title and interest, for the United States of America, in and to certain inventions to said invention(s) and application and all the rights and privileges in any application and under any and all patents that may be granted in the United States for said inventions, including all continuations, continuations in part, divisionals, reissues, and reexaminations; and ASSIGNOR also concurrently hereby sells, assigns and transfers

Assignment Page 1

PATENT REEL: 9944 FRAME: 0644 to ASSIGNEE the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application for said patent, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the United States for said inventions.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued ASSIGNEE in the United States and to ASSIGNEE in all countries foreign to the United States, or to such nominees as ASSIGNEE may designate.

ASSIGNOR agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of the above-referenced invention, and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR further agrees that the filing date and serial number above may be inserted on ASSIGNOR'S behalf by ASSIGNEE or its agents, if they are not known as of the date of execution of this document.

Assignment Page 2

PATENT REEL: 9944 FRAME: 0645 Robert E. Schwerzel

Date:	
United States of America	
State of GEORGIA ss: 251	157351
County of FULTON	
On this 30 H day of HPRIL  Schwerzel to me known to be the individual de instrument, or acknowledged execution of the same	
	Matery 2: Mie, Fulton County, Georgia My Committeion Expires July 28, 2000
	My Commission Expires (Date)

Nile F. Hartman

	1 (He 1 ) Hai villan
Date: 4//30/99	
United States of America	
State of GEDRG1A ss: 2511	57351
County of FULTON	
On this 30 day of APRIC Hartman to me known to be the individual descriptionstrument, or acknowledged execution of the same.	
	Notary Public, Fulton County, Georgia My Commission Expires July 28, 2000
	My Commission Expires (Date)

**RECORDED: 05/05/1999** 

PATENT REEL: 9944 FRAME: 0647