	ORM COVER SHEET 🛛 🎣 U.S. DEPARTMENT OF COMME
Rev. 6-93) 10-01-1999 DMB No. 0651-0011 (exp. 4/94)	Patons and Trademark C
To the Honora	ord the attached original documents or copy thereof.
I. Name of conveying part(ies). 101159271	ame and address of receiving party(ies)
(1) Kevin P. Martin (2) Harry P. Gillis (3) Dmitri A. Choutov	Name: Georgia Tech Research Corporation
Additional name(s) of conveying party(ies) attached? \Box Yes $\bigotimes^{(BADEMDOV)}$	Street Address: 400 Tenth Street Atlanta, Georgia 30332
	Additional name(s) & address(es) attached? 🗆 Yes 🛛 No
3. Nature of conveyance:	
 Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: 	
Execution Date: (1) 09/02/99; (2) 09/05/99; (3) 09/17/99	
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) B. Pate	ent No.(s)
09/200,389	
	s attached? 🗆 Yes 🖾 No
Name and address of party to whom correspondence	6 Total number of applications/notants involved at 1
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications/patents involved: 1
	6. Total number of applications/patents involved: 1
concerning document should be mailed: Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway. Suite 1500	 6. Total number of applications/patents involved: 1/ 7. Total fee (37 CFR 3.41) \$ 40.00
concerning document should be mailed: Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway. Suite 1500	
concerning document should be mailed: Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway. Suite 1500	7. Total fee (37 CFR 3.41) \$ 40.00 □ Enclosed
concerning document should be mailed: Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway. Suite 1500 Atlanta. Georgia 30339-5948	 7. Total fee (37 CFR 3.41) \$ 40.00 □ Enclosed ⊠ Authorized to be charged to deposit account
concerning document should be mailed: Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway. Suite 1500 Atlanta. Georgia 30339-5948	 7. Total fee (37 CFR 3.41) \$ 40.00 □ Enclosed ⊠ Authorized to be charged to deposit account 8. Deposit Account Number: 20-0778
concerning document should be mailed: Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway. Suite 1500 Atlanta. Georgia 30339-5948 Atlanta. Georgia 30339-5948 1/1999 DNEUYEN 00000160 200778 09200389 1/1999 DNEUYEN 00000160 200778 09200389 DO NOT US Statement and signature. To the best of my knowledge and belief, the foregoing informati true copy of the original document. <i>MM</i>	 7. Total fee (37 CFR 3.41) \$ 40.00 ☐ Enclosed △ Authorized to be charged to deposit account 8. Deposit Account Number: 20-0778 (Attach duplicate copy of this page if paying by Deposit Account) 3E THIS SPACE
concerning document should be mailed: Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway. Suite 1500 Atlanta. Georgia 30339-5948 Atlanta. Georgia 30339-5948 I/1999 DMGUYEN 00000160 200778 09200389 E:581 40.00 CH DO NOT US Statement and signature. To the best of my knowledge and belief, the foregoing informati	 7. Total fee (37 CFR 3.41) \$ 40.00 ☐ Enclosed △ Authorized to be charged to deposit account 8. Deposit Account Number: 20-0778 (Attach duplicate copy of this page if paying by Deposit Account) 3E THIS SPACE

PATENT REEL: 010273 FRAME: 0053

ASSIGNMENT

WHEREAS, the following parties:

<u>Name</u>	Address
Kevin P. Martin	898 Piedmont Road, Atlanta, GA 30309
Harry P. Gillis	1540 Armacost Avenue, #2, Los Angles, CA 90025
Dmitri A. Choutov	3154 Cortona Drive, San Jose, CA 95135
N/A	N/A
N/A	N/A

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

Method And Apparatus For Low Energy Electron Enhanced Etching Of Substrates,

which was:

- executed on even date herewith,
- filed with the United States Patent and Trademark Office (USPTO) on <u>November 24</u>, <u>1998</u>, and assigned Serial No. <u>09/200,389</u>, and
- further described in U.S. Provisional application entitled ____, filed with the USPTO 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, Atlanta, Georgia 30332, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said Invention(s), said Utility application, said Provisional application, and 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, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said Invention(s), said Utility application, and said Provisional

Assignment Page 1	

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 corresponding continuations, continuations in part, divisionals, reissues, and reexaminations; and (b) the entire right, title and interest in and to said Invention(s), said utility application, and said provisional application for all countries foreign to the United States, including all rights of priority arising from them, 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 them; and (c) the right to seek remedies for any and all infringements of any of the foregoing and to collect and retain all damages and profits and enjoy any and all remedies granted for infringements.

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, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

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

ASSIGNOR covenants and 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 said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

Korm P. Martin

Kevin P. Martin

Sept 2, 1999 Date:

United States of America

ss: 288-54-4499

County of Fulton

State of Georgia

On this 2nd day of September, 19^{99} , before me personally came Kevin P. Martin to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Notary Public Catherine D. Marks

Notary Public, Felton County, Georgia My Commissi: 2013 10, 2001

My Commission Expires (Date)

Notary Public, Fulton County, Georgia My Commission Expires June 10, 2001

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PATENT REEL: 010273 FRAME: 0056

Harry P. Gillis Harry P. Gillis

Date: 5 Sept 1999

United States of America

State of California

SS:

County of Los Angeles

On this 5^{TH} day of \underline{Sept} . 19.99, before me personally came Harry P. Gillis to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.



Notary Public

Har 29 2002

My Commission Expires (Date)

Assignment Page 4

PATENT REEL: 010273 FRAME: 0057

Unitor

Dmitri A. Chontov

Date: _____9/17/99

United States of America

State of California

SS: 066-82-0088

County of Santa Clarka

On this 17 day of <u>September</u> 1999, before me personally came Dmitri A. Choutov to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Witnesses

Notary Public

1. Vaj Swaninghon (RAJESH SWAMINATHAN) 9/12/94

My Commission Expires (Date)

2. Albert Song) (Albert Song) 9/17/99

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PATENT TOTAL P.04 REEL: 010273 FRAME: 0058 1

RECORDED: 09/23/1999