

07-08-2004



102785364

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Charlene W. Bayer
Amy L. Cook
Mark Rule
Victor R. DeJesus
Robert J. Hendry

Daniel P. Campbell

2. Name and address of receiving party(ies):

Georgia Tech Research Corporation
505 10th Street N.W.
Atlanta, Georgia 30332-0415Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: June 4, 2004; June 7, 2004

4. 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)

10/693,602

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Dennis R. Daley
Address: Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed
☐ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dennis R. Daley

Name of Person Signing

Signature

July 1, 2004

Date

Total number of pages including cover sheet, attachments, and document: 7

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Mail Stop Assignment Recordation Services
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23552

PATENT TRADEMARK OFFICE

PATENT
REEL: 015532 FRAME: 0440

ASSIGNMENT

WHEREAS, we, Charlene W. Bayer, residing at 229 Webney Drive, Marietta, Georgia 30068, Amy L. Cook, residing at 3910 Brushy Wood Drive, Loganville, Georgia 30052, Mark Rule, residing at 2003 Royal Court, Atlanta, Georgia 30341, Victor R. DeJesus, residing at 5442 Beaver Lake Drive, Powder Springs, Georgia 30127, Robert J. Hendry, residing at 1103 Tamarron Parkway, Smyrna, Georgia 30080 and Daniel P. Campbell, residing at 443 10th Street N.W., Atlanta, Georgia 30318, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on October 24, 2003, application Serial No. 10/693,602 which is entitled FILTERS AND METHODS OF MAKING AND USING THE SAME.

AND WHEREAS, Georgia Tech Research Corporation, a corporation organized and existing under and by virtue of the laws of the State of Georgia, and having an office and place of business at 505 10th Street N.W., Atlanta, Georgia 30332-0415 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to

said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of June, 2004.

Charlene W. Bayer
Charlene W. Bayer

STATE OF Georgia)
) ss.
COUNTY OF Fulton)

On this 4th day of June, 2004, before me personally appeared Charlene W. Bayer to me known and known to me to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the uses and purposes therein set forth.

[SEAL]

Kenneth Earl
Notary Public

Notary Public, Rockdale County, Georgia
My Commission Expires January 27, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of

June, 2004

Amy L. Cook
Amy L. Cook

STATE OF Georgia)
COUNTY OF Fulton) ss.

On this 4th day of June, 2004, before me personally appeared Amy L. Cook to me known and known to me to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the uses and purposes therein set forth.

[SEAL]

Kimberly A. [Signature]
Notary Public, Rockdale County, Georgia
My Commission Expires January 27, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7th day of

June, 2004.

Mark Rule
Mark Rule

STATE OF Georgia)
COUNTY OF DeKalb) ss.

On this 7th day of June, 2004, before me personally appeared Mark Rule to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Kimberly A. [Signature]
Notary Public
Notary Public, Rockdale County, Georgia
My Commission Expires January 27, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of

June, 2004

Amy L. Cook
Amy L. Cook

STATE OF Georgia)
COUNTY OF Fulton) ss.

On this 4th day of June, 2004, before me personally appeared Amy L. Cook to me known and known to me to be the person described in and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the uses and purposes therein set forth.

[SEAL]

Kinship
Notary Public, Rockdale County, Georgia
My Commission Expires January 27, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 20____.

Mark Rule

STATE OF _____)
COUNTY OF _____) ss.

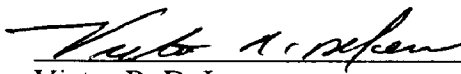
On this _____ day of _____, 20____, before me personally appeared Mark Rule to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of

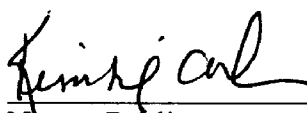
June, 2004.


Victor R. DeJesus

STATE OF Georgia)
) ss.
COUNTY OF Fulton)

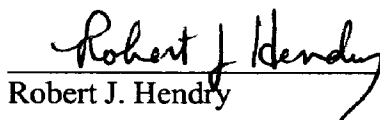
On this 4th day of June, 2004, before me personally appeared Victor R. DeJesus to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public, Rockdale County, Georgia
My Commission Expires January 27, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of

June, 2004.


Robert J. Hendry

STATE OF Georgia)
) ss.
COUNTY OF Fulton)

On this 4th day of June, 2004, before me personally appeared Robert J. Hendry to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public
Notary Public, Rockdale County, Georgia
My Commission Expires January 27, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of

June, 2004.


Daniel P. Campbell

STATE OF Georgia)
COUNTY OF Fulton) ss.

On this 4th day of June, 2004, before me personally appeared Daniel P. Campbell to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public, Rockdale County, Georgia
My Commission Expires January 27, 2006


Notary Public