

05-28-2004

RE



MAY 24 2004

To the Honorable Commissioner of Patents and

102754570

inal documents or copy thereof.

1. Name of conveying party(ies):

Tim C. Lieuwen
Muruganandam Thiruchengode
Yediddia Neumeier
David Scarborough

Suraj Nair
Ben T. Zinn
Jerry Seitzman

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

3. Nature of conveyance:

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

Execution date(s) of each conveying party:

November 7, 2003

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

Name: Georgia Tech Research Corporation

Address: 505 Tenth Street, N.W.

City: Atlanta

State: Georgia

Zip: 30332-0415

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4(a). Patent Application No.(s): 10/696,860

Patent No.(s):

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? ☐ Yes ☒ No

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

Name: Russell A. Korn, Esq.
Address: SUTHERLAND ASBILL & BRENNAN LLP
999 Peachtree Street, NE
Atlanta, Georgia 30309-3996

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41) enclosed: \$40.00

DO NOT USE THIS SPACE

8. 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.

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST CLASS MAIL to Addressee" service under 37 CFR 1.08 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Russell A. Korn, Reg. No. 54,236
Name of Person Signing

Signature

Date: May 20, 2004

Attorney Docket No. 17625.0062

Total number of pages including cover sheet: 9

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

05/25/2004 SSESHE1 00000100 10696860

02 FC:8021

40.00 DP

AO 1023731.1

Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 015366 FRAME: 0677

ASSIGNMENT

WHEREAS, we, **Tim C. Lieuwen**, a citizen of the United States of America, residing at 1689 Fernleaf Circle, Atlanta, Georgia 30318; **Suraj Nair**, a citizen of India, residing at 426 Ethel St., N.W., Atlanta, Georgia 30318; **Muruganndam Thiruchengode**, a citizen of India, residing at 430 Ethel St., NW, Atlanta, GA 30318, **Ben T. Zinn**, a citizen of the United States of America, residing at 3656 Paces Valley Rd., Atlanta, GA 30327, **Yediddia Neumeier**, a citizen of the United States of American, residing at 2132 Brogans Lake Path, Dunwoody, GA 30338, **Jerry Seitzman**, a citizen of the United States of America, residing at 485 W. Spalding Dr., Atlanta, GA 30328, and **David Scarborough**, a citizen of the United States of America, residing at 138 Cardell Farms Rd., Locust Grove, GA 30248, have invented certain inventions and improvements disclosed in an application for Letters Patent entitled **“SYSTEMS AND METHODS FOR DETECTION AND CONTROL OF BLOWOUT PRECURSORS IN COMBUSTORS USING ACOUSTICAL AND OPTICAL SENSING,”** filed in the United States Patent and Trademark Office concurrently, herewith; and

WHEREAS, **Georgia Tech Research Corporation**, a corporation of the State of Georgia having a principal place of business at 505 Tenth Street, NW, Atlanta, Georgia 30332-0415, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **Tim C. Lieuwen**, **Suraj Nair**, **Muruganandam Thiruchengode**, **Ben T. Zinn**, **Yediddia Neumeier**, **Jerry Seitzman**, and **David Scarborough**, by these presents do sell, assign and transfer unto **Georgia Tech Research Corporation**, the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to **Georgia Tech Research Corporation**, as the assignee, for its interest and for the sole use and benefit of **Georgia Tech Research Corporation** and its assigns and legal representatives;

ASSIGNMENT

For the same consideration, we, by these presents do sell, assign, and transfer to **Georgia Tech Research Corporation**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Georgia Tech Research Corporation**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Georgia Tech Research Corporation**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.



Tim C. Lieuwen

Date: 11/7/03

STATE OF Georgia

COUNTY OF Fulton

Before me, a Notary Public in and for the State of Georgia, on this 7 day of Nov, 2003, personally appeared **Tim C. Lieuwen**, who being duly sworn, signed and acknowledged the foregoing Assignment as her free act and deed.



NOTARY PUBLIC

(SEAL)

My Commission Expires

ALEXANDRA HAULTAU
NOTARY PUBLIC
FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES OCTOBER 1, 2006

ASSIGNMENT

Suraj

Suraj Nair

Date: 11/7/03

STATE OF Georgia

COUNTY OF Fulton

Before me, a Notary Public in and for the State of Georgia, on
this 7 day of Nov, 2003, personally appeared **Suraj Nair**, who being duly sworn, signed
and acknowledged the foregoing Assignment as her free act and deed.

Alexandra Hautau

NOTARY PUBLIC

(SEAL)

My Commission Expires

ALEXANDRA HAUTAU
NOTARY PUBLIC
FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES OCTOBER 1, 2006

ALEXANDRA HAUTAU
NOTARY PUBLIC
FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES OCTOBER 1, 2006

ASSIGNMENT

Muruganandam
Muruganandam Thiruchengode

Date: 11/7/03

STATE OF Georgia

COUNTY OF FULTON

Before me, a Notary Public in and for the State of Georgia, on
this 7 day of NOV, 2003, personally appeared **Muruganandam Thiruchen**, who being
duly sworn, signed and acknowledged the foregoing Assignment as her free act and deed.

Alexandra Hautau
NOTARY PUBLIC

(SEAL)

My Commission Expires

ALEXANDRA HAUTAU
NOTARY PUBLIC
FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES OCTOBER 1, 2006

ASSIGNMENT

Ben T. Zinn
Ben T. Zinn

Date: 11/7/03

STATE OF Georgia

COUNTY OF Fulton

Before me, a Notary Public in and for the State of Georgia, on
this 7 day of Nov, 2003, personally appeared **Ben T. Zinn**, who being duly sworn,
signed and acknowledged the foregoing Assignment as her free act and deed.

Alexandra Haultau
NOTARY PUBLIC

(SEAL)
My Commission Expires

ALEXANDRA HAUTAU
NOTARY PUBLIC
FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES OCTOBER 1, 2006

ASSIGNMENT

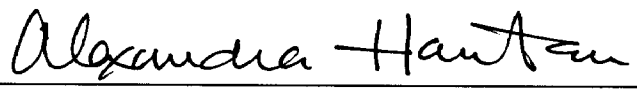

Yediddia Neumeier

Date: 11/7/03

STATE OF Georgia

COUNTY OF Fulton

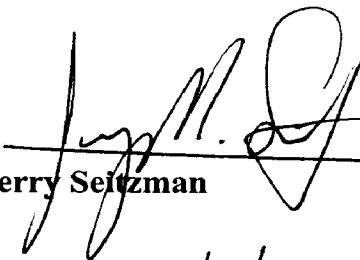
Before me, a Notary Public in and for the State of Georgia, on
this 7 day of Nov, 2003, personally appeared Yediddia Neumeier, who being duly
sworn, signed and acknowledged the foregoing Assignment as her free act and deed.


NOTARY PUBLIC

(SEAL)
My Commission Expires

ALEXANDRA HAUTAU
NOTARY PUBLIC
FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES OCTOBER 1, 2006

ASSIGNMENT



Jerry Seitzman

Date: 11/7/03

STATE OF Georgia

COUNTY OF Fulton

Before me, a Notary Public in and for the State of Georgia, on
this 7 day of Nov, 2003, personally appeared **Jerry Seitzman**, who being duly sworn,
signed and acknowledged the foregoing Assignment as her free act and deed.


NOTARY PUBLIC

(SEAL)
My Commission Expires

ALEXANDRA HAUTAU
NOTARY PUBLIC
FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES OCTOBER 1, 2006

ASSIGNMENT

David Scarborough

David Scarborough

Date: 11/7/03

STATE OF Georgia

COUNTY OF Fulton

Before me, a Notary Public in and for the State of Georgia, on this 7 day of Nov, 2003, personally appeared **David Scarborough**, who being duly sworn, signed and acknowledged the foregoing Assignment as her free act and deed.

Alexandra Hautau

NOTARY PUBLIC

(SEAL)

My Commission Expires

ALEXANDRA HAUTAU
NOTARY PUBLIC
FULTON COUNTY, GEORGIA
MY COMMISSION EXPIRES OCTOBER 1, 2006

Attorney Docket No.: 17625-0062