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FORM PTO-1595

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Patent and Trademark Office

119941-1089

PATENTS ONLY

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

1. Name of conveying party(ies):

SIVANANDA K. KANAKASABAPATHY AND
LAWRENCE J. OVERZET

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

Name: BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM

Address 201 West 7th Street

City: Austin, State: TEXAS 78701

Country: USA

Additional name(s) & address(es) attached? Yes X No

3. Nature of Conveyance:

X Corrected Assignment Merger

Security Agreement Change of Name

X Other Resubmission (Recordation) Document ID# 101670803A Located at Reel/Frame 011646/0331 Recordation Date: 03/28/2001 (Copy Attached)

Execution Date: October 18, 2001 and October 26, 2001 Respectively

4. Application number(s) or patent number(s). 09/820,244

X This document is being filed after the initial filing of the above-numbered

Applications which are identified below:

Execution date of the application: March 27, 2001

Title: ION-ION PLASMA PROCESSING WITH BIAS MODULATION SYNCHRONIZED TO TIME-MODULATED DISCHARGES

A. Patent Application No.(s): Provisional Patent Application Serial No.
60/228,705 Filed: August 29, 2000

B. Patent No.(s)

Additional numbers attached? Yes X No

Additional numbers attached? Yes X No

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

Name: Sanford E. Warren, Jr.
Gardere Wynne Sewell LLP

Address: 1601 Elm Street, Suite 3000

City: Dallas

State: Texas Zip: 75201-4761

6. Number of applications and patents involved: (1)

7. Amount of fee enclosed or authorized to be charged: \$40.00

8. Deposit Account No: (Attach duplicate copy if paying by deposit account)

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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.

November 1, 2001

Date

Edwin S. Flores, Reg. No.: 38,453

Total Number of Pages including Cover Sheet, Attachments and Document: 5

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PATENT
REEL: 012550 FRAME: 0963

Attorney Docket No.: 119941-1089

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kanakasabapathy et al.
Serial No.: 09/820,244
Filed: March 28, 2001
For: Ion-Ion Plasma Processing with Bias Modulation Synchronized to
 Time-Modulated Discharges
Examiner:
Art Group: 1765

**POWER OF ATTORNEY AND
REVOCATION OF PRIOR POWERS**

**Commissioner for Patents
Washington, D.C. 20231**

All powers of attorney previously given to Robert Groover and the firm of Groover and Associates, P.C., 17000 Preston Road, #230, Dallas, Texas 75248, are hereby **revoked** and the following attorneys are hereby **appointed** to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Matthew E. Burr, Reg. No. 37,591
Daniel J. Chalker, Reg. No. 40,552
Michael L. Coblenz, Reg. No. 41,492
Kenneth T. Emanuelson, Reg. No. 46,684
Edwin S. Flores, Reg. No. 38,453
Kenneth R. Glaser, Reg. No. 24,015
John Timothy Headley, Reg. No. 31,765
Todd E. Landis, Reg. No. 44,200
Michael E. Martin, Reg. No. 24,821
Carol M. Nielsen, Reg. No. 37,676
Ari O. Pramudji, Reg. No. 45,022
Kay Lyn Schwartz, Reg. No. 39,020
Theodore F. Shiells, Reg. No. 31,569

Jennifer S. Sickler, Reg. No. 36,005
Sanford E. Warren, Jr., Reg. No. 33,219
Thomas C. Wright, Reg. No. 47,189

all lawyers of the Bar of the State of Texas or registered patent agents with the firm of Gardere Wynne Sewell LLP, 1601 Elm Street, 3000 Thanksgiving Tower, Dallas, Texas 75201.

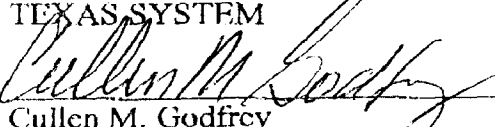
Please send correspondence and direct telephone calls to:

Edwin S. Flores
Gardere Wynne Sewell LLP
1601 Elm Street, Suite 3000
Dallas, TX 75201-4761
(214) 999-4559 (telephone)
(214) 999-3559 (facsimile)

Please reference attorney docket no. 119941-1089

Date: October 17, 2001

BOARD OF REGENTS THE UNIVERSITY OF
TEXAS SYSTEM


Cullen M. Godfrey
Vice President and General Counsel

DALLAS 1064444v1

04-06-2001



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VER SHEET
Y

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of

attached original documents or copy thereof.

1. Name of conveying party(ies):
Sivananda K. Kanakasabapathy, Lawrence J. Overzet
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):
Name: University of Texas at Dallas

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Address: Box 830688, Richardson, TX 75083-0688
Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: 3/27/01

3-28-01

4. Application number(s) or patent number(s): (Atty.Docket UTD-00-17)
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

09/820/244

Additional numbers attached? ☐ Yes ☒ No

J1002 U.S. PRO
09/820244
03/28/01

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

Robert Groover
17000 Preston Rd. #230,
Dallas TX 75248
(972) 380-6333

6. Total number of applications and patents involved:



7. Total fee (37 CFR 3.41).....\$40

☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

07-2320

(Attach duplicate copy of this page if paying by deposit account)

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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.

Name of Person Signing

Robert Groover

Signature

[Signature]

Date

3/28/01

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

3

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

09/820244

04-06-01

CORRECTED ASSIGNMENT

WHEREAS, we, Sivananda K. Kanakasabapathy and Lawrence J. Overzet, residents of Richardson, Dallas County, Texas and Plano, Collin County, Texas and citizens of India and the United States of America respectively, have invented certain new and useful improvements in a "Ion-Ion Plasma Processing with Bias Modulation Synchronized to Time-Modulated Discharges" for which an application for a United States Patent was filed on March 28, 2001, Application No. 09/820,244, claiming priority of U.S. provisional Application No. 60/228,705 filed August 29, 2000, and;

WHEREAS, the original Assignment recorded March 28, 2001 on Reel 011646, Frame 0331, incorrectly states the name of the Assignee as University of Texas at Dallas, having offices at Box 830688, Richardson, Texas 75083-0688 through an unintentional typographical error: and


WHEREAS, Board of Regents, The University of Texas System, having offices at 201 West 7th Street, Austin, Texas 78701 USA (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.


Sivarama K. Kanakasabapathy

STATE OF New York §
§
COUNTY OF Dutchess §

Betty J. Gerlach
Notary Public - State of New York
Printed Name: BETTY J. GERLACH

PATENT
REEL: 012550 FRAME: 0968

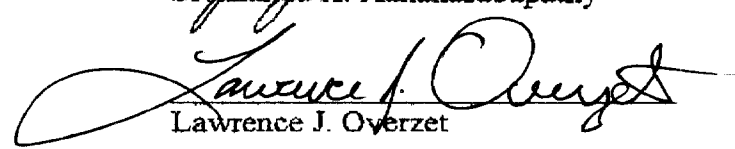
-2-

all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.


Executed this 18th day of OCTOBER, 2001, at EAST FISHKILL, NY


Sivamanda K. Kanakasabapathy


Lawrence J. Overzet

STATE OF New York §
§
COUNTY OF Dutchess §

Before me, a notary public, on this day personally appeared S.K. Kanakasabapathy known to me to be the person whose name is subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct. Given under my hand and seal of office this 18th day of October, 2001.


Notary Public - State of New York
Printed Name: BETTY J. GERSCH

BETTY J. GERSCH
Notary Public, State of New York
No. 4997781
Qualified in Ulster County
Commission Expires June 15, 2002

-3-

STATE OF Texas
COUNTY OF Collin

§
§
§

Before me, a notary public, on this day personally appeared Lawrence J. Overzet known to me to be the person whose name is subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct. Given under my hand and seal of office this 26th day of October, 2001.

Marjorie RobbinsNotary Public - State of TexasPrinted Name: Marjorie Robbins

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ASSIGNMENT

As a below-named inventor of the U.S. patent application entitled **Ion-Ion Plasma Processing with Bias Modulation Synchronized to Time-Modulated Discharges**, which names an inventorship of Sivananda K. Kanakasabapathy and Lawrence J. Overzet , and which I executed on the date indicated below, I hereby sell, assign and transfer to **University of Texas at Dallas, Box 830688, Richardson, TX 75083-0688**, (hereinafter referred to as ASSIGNEE), for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in all foreign countries to be obtained for said invention by said application or any division, continuation, continuation-in-part, renewal, substitute, extension, re—examination or reissue thereof or any legal equivalent thereof in any foreign country for the full term or terms of which the same may be granted, and specifically including the right to file foreign applications and claim priority therefor under the provisions of any convention or treaty;

and I also hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

and I further hereby covenant that I will, upon ASSIGNEE'S request, promptly provide ASSIGNEE with all pertinent facts and documents, relating to said application, to any invention disclosed therein, or to any of said Letters Patent or legal equivalents thereof in the United States or in foreign countries, as may be known and accessible to me, and that I will testify and give evidence as to the same in any litigation or interference which may arise, and that I will promptly execute and deliver to ASSIGNEE or its legal representative, without charge but at Assignee's expense, any and all papers, instruments or affidavits which may be required, necessary or desirable for the purpose of applying for, obtaining, maintaining, issuing or enforcing said application and said Letters Patent and said equivalents thereof in the United States or in any foreign country; and I further authorize ASSIGNEE or its legal representative to make any submissions or true declarations which may be needed in connection with the prosecution of this application or related applications in the U.S. or in other countries, consistent with the requirements of the applicable country;

..... Page 1
Assignment UTD-00-17

AND I HEREBY AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on said invention to ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the date set forth below.

Inventor's Name: Sivananda K. Kanakasabapathy

Signature: 

Residence Address: 2400 Waterview Parkway, Apt 415, Richardson, TX 75080, U.S.A.

Today's Date, and Date Application Signed: 03/27/2001 & 03/27/2001

Inventor's Name: Lawrence J. Overzet

Signature: 

Residence Address: 877 Harvest Glen Drive, Plano, TX 75023, U.S.A.

Today's Date, and Date Application Signed: 3/27/01 and 3/27/01