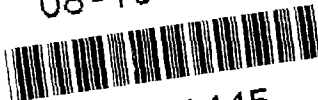


08-15-2005

U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

BANERJEE, Sujit

2. Name and address of receiving party(ies)

Name: Georgia Tech Research Corporation

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 03 August 2005

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

Street Address: 505 Tenth Street, N.W.

City: Atlanta

State: Georgia

Country: _____ Zip: 30332-0415

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Ryan A. Schneider

Internal Address: Troutman Sanders LLP

Bank of America Plaza, Suite 5200

Street Address: 600 Peachtree Street, N.E.

City: Atlanta

State: Georgia

Zip: 30308-2216

Phone Number: 404.885.2773

Fax Number: 404.962.6849

Email Address: ryan.schneider@troutmansanders.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☒ Enclosed

☐ None required (government interest not affecting title)

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a. Credit Card Last 4 Numbers _____

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9. Signature:

Signature

08 August 2005

Date

Ryan A. Schneider

Name of Person Signing

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

3

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PATENT
REEL: 016874 FRAME: 0137

ASSIGNMENT

WHEREAS, I, **Sujit Banerjee**, have invented certain inventions and improvements disclosed in a US patent application entitled **SPARK-INDUCED CONSOLIDATION OF SLUDGE**, filed 16 August 2004, and provided Serial No. 60/601,827; and

WHEREAS, **Georgia Tech Research Corporation**, a corporation of the State of Georgia, having a principal place of business at 505 Tenth Street, N.W., 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, I, **Sujit Banerjee**, 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 nonprovisional application(s) seeking the benefit thereof, and any and all divisions, continuations, and reissues of such nonprovisional application(s), and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefore including all rights we may have to sue for damages and other remedies in respect of any infringement of said application(s) which may have occurred before the date of this *Assignment*, the same to be held and enjoyed by **Georgia Tech Research Corporation**, for its own use and benefit, and for its legal representatives and assigns, to the full end of the term for which said Letters Patent is/are granted, as fully and entirely as the same would have been held by me had this *Assignment* and sale not been made;

AND, for the same consideration, I, **Sujit Banerjee**, hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application(s), 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;

For the same consideration, I, **Sujit Banerjee**, 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 international application or applications corresponding to said application(s), 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 international applications, and in and to the right to claim any applicable priority rights arising from or required for said international

applications under the terms of any applicable conventions, treaties, statutes, or regulations; said international 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, I, **Sujit Banerjee**, 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.

I further agree that all necessary records of **Sujit Banerjee** to establish priority of invention in any interference or similar proceeding will be made available at no additional charge to me in the event such records are needed in connection with any of the assigned Letters Patent or applications for Letters Patent.

IN WITNESS WHEREOF, the undersigned has caused this *Assignment* to be executed and its seal to be affixed.

Dated: 8-03-05
STATE OF Georgia
Sujit Banerjee
Sujit Banerjee

Before me, a Notary Public in and for Connie Adams, on this 3rd day of August, 2005, personally appeared Sujit Banerjee, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(SEAL)

Connie Ford Adams
NOTARY PUBLIC
My Commission Expires: 5/15/09