

ASSIGNMENT RECORDATION FORM COVER SHEET Patents Only

To: Commissioner for Patents:

Date: May 19, 2006
Attorney Docket No.: 5051-724

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- [1.] Jonathan S. Lindsey
- [2.] Lianhe Yu
- [3.] Patchanita Thamyongkit
- [4.] Anil D. Bhise

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

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

North Carolina State University
Campus Box 8210
Raleigh, North Carolina 27695

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other _____

Execution Date:

- [1.] April 27, 2006 [2.] March 17, 2006
- [3.] May 18, 2006 [4.] March 21, 2006

4. Application Serial No. 11/324,719; Filed January 3, 2006

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 document should be mailed:

Kenneth D. Sibley
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

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. Deposit account number: 50-0220

DO NOT USE THIS SPACE

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.

Kenneth D. Sibley (Reg. 31,665)



May 19, 2006

Name of Person Signing

Signature

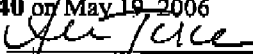
Date

Total number of pages including cover sheet, attachments and document: 8

CERTIFICATION OF FACSIMILE TRANSMISSION

UNDER 37 CFR § 1.8

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office via facsimile number 571-273-0140 on May 19, 2006


Amelia Tauchen

CH \$40.00 600220 11324719

Attorney Docket No. 5051-724

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Jonathan S. Lindsey**, a citizen of the United States, residing at 3931 Napa Valley Drive, Raleigh, NC 27612; **Lianhe Yu**, a citizen of China, residing at 1807-A Gorman Street, Raleigh, North Carolina 27606; **Patchanita Thamyongkit**, a citizen of Thailand, residing at Chulalongkorn Univeristy Phayathai Road, Pathumwan Bangkok 10330, Thailand; **Anil D. Bhise**, a citizen of India, residing at Pimpale Soudagar Bhise Lane, Aundh Post, Pune 411027, India

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in "Geometric Synthesis of Porphyrin Rods" for which U.S. Patent Application No. 11/324,719 was filed on January 3, 2006 in the United States Patent and Trademark Office; and

WHEREAS, North Carolina State University, a constituent institution of The University of North Carolina and an educational institution chartered under the laws of the State of North Carolina having a principal office at Campus Box 8210, City of Raleigh, County of Wake, State of North Carolina 27695, hereinafter referred to as assignee, is desirous of acquiring my entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application(s), and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 12 day of _____, 20__.

(SEAL)

(SEAL)

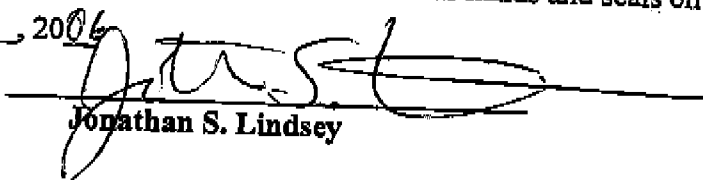
STATE OF _____)
) ss:
COUNTY OF _____)

Before me personally appeared the persons described in and who executed the foregoing instrument, and they acknowledged to me that they executed the same for the purposes therein stated, this _____ day of _____, 20__.

SEAL

Notary Public

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 27th
day of April, 2006


Jonathan S. Lindsey

STATE OF North Carolina
COUNTY OF Wake) ss:

Before me personally appeared the persons described in and who executed the
foregoing instrument, and they acknowledged to me that they executed the same for the
purposes therein stated, this 27th day of April, 2006.


Notary Public

Commission Expires December 21 2009

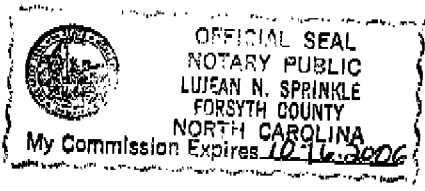
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 17 day of March, 2006

[Signature]
Lianhe Yu

STATE OF NC)
COUNTY OF Forsyth) ss:

Before me personally appeared the persons described in and who executed the foregoing instrument, and they acknowledged to me that they executed the same for the purposes therein stated, this 17 day of March, 2006

[Signature]
Notary Public



IN WITNESS WHEREOF, we have hereunto set our hands on this 1st day of

May, 2006

Patchanita Thanyongkit
Patchanita Thanyongkit

Witnessed by:

Signature: Khanittha Rujhom

Printed Name: KHANITTHA RUJHOM


Date: 18 / 5 / 2006

FROM : ADVANCE BUSINESS CELL.

PHONE NO. : 00912228411215

Mar. 21 2006 08:44PM P01

IN WITNESS WHEREOF, we have hereunto set our hands on this 21st day of March, 2006



Anil Bhise

Witnessed by:

Signature: 

Printed Name: KATE SACHIN R.

Date: 21 Mar 2006