

ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To: Commissioner for Patents:

Date: December 2, 2009
Attorney Docket No. 9463-15

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>[1.] Shamsuddin Ilias [2.] Mohammad A. Islam</p> <p>Additional name(s) of conveying party(ies) attached? Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>North Carolina Agricultural and Technical State University 1601 East Market Street Greensboro, North Carolina 27411</p> <p>Additional name(s) & address(es) attached? Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p>Execution Date(s) [1.] 10/15/2009; [2.] 11/17/2009</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmation License <input type="checkbox"/> Other _____</p>	

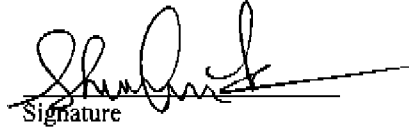
4. Application Serial No. 12/464,990; filed May 13, 2009
If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Shawna Cannon Lemon Myers Bigel Sibley & Sajovec P. O. Box 37428 Raleigh NC 27627</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 50-0220</p>
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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.

Shawna Cannon Lemon, Reg. No. 53,888
Name of Person Signing  Signature
December 2, 2009
Date
Total number of pages including cover sheet, attachments and document: 6

**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 December 2, 2009.


Benny Lou Rosser
Date of Signature: December 2, 2009

CH \$40.00 600220 12464990

Attorney Docket No. 9463-15

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Shamsuddin Ilias**, a citizen of the United States, residing at 2106 Burntleaf Place, Greensboro, North Carolina 27410; and **Mohammad A. Islam**, a citizen of India, residing at 1103 Yanceyville Street, Apt. A, Greensboro, North Carolina 27405;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **METHODS OF PREPARING THIN FILMS BY ELECTROLESS PLATING, U.S.** Provisional Application No. 61/052,798 was filed on May 13, 2008 in the United States Patent and Trademark Office and for which U.S. Application No. 12/464,990 was filed on May 13, 2009 in the United States Patent and Trademark Office; and

WHEREAS, **North Carolina Agricultural and Technical 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 1601 East Market Street, Greensboro, North Carolina 27411, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said provisional application, and in and to any and all Letters Patent which shall be granted therefore 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 the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and provisional application, and in and to any and all subsequent patent applications which claim the benefit of priority from said provisional application including regular utility, continuations, and 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 for the invention in or on applications claiming the benefit of priority from said provisional application, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefore, together with the right to claim the benefit of priority from 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 me 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 application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to 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, I have hereunto set my hand and seal on this 15th day of OCTOBER, 2009.

Shamsuddin Ilias (SEAL)
Shamsuddin Ilias

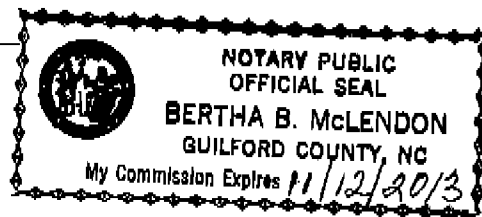
STATE OF NORTH CAROLINA)

) ss:
COUNTY OF Guilford

Before me personally appeared **Shamsuddin Ilias**, to me known to be the person described in and who executed the foregoing instrument, and he/she acknowledged to me that he/she executed the same for the purposes therein stated, this 15th day of OCTOBER, 2009.

Bertha B. McLendon
Notary Public

SEAL
My Commission Expires: 11/12/2013



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 17 day of November, 2009.

M. A. Islam (SEAL)
Mohammad A. Islam

STATE OF NORTH CAROLINA)
COUNTY OF Guilford) ss:

Before me personally appeared Mohammad A. Islam, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 17th day of November, 2009.

Brenda Lausde-Jefferson
Notary Public

SEAL

My Commission Expires: 3/14/2011



IN WITNESS WHEREOF, North Carolina Agricultural and Technical State University, by signature below on this 19th day of Nov., 2009, hereby acknowledges and accepts receipt of this Assignment. The undersigned warrants and represents that he/she has the authority to sign this Assignment on behalf of the Assignee.

By: [Signature] (SEAL)

Title: N.RADHAKRISHNAN Ph.D, PE
VICE CHANCELLOR FOR RESEARCH
AND ECONOMIC DEVELOPMENT

STATE OF NORTH CAROLINA

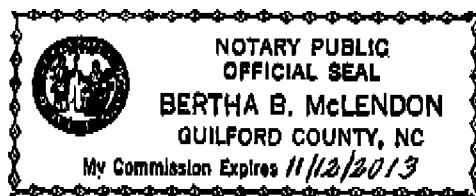
) ss:
COUNTY OF Guilford)

Before me personally appeared M. Radhakrishnan, to me known to be the person described in and who executed the foregoing instrument, and he/she acknowledged to me that he/she executed the same for the purposes therein stated, this 19th day of NOVEMBER, 2009.

[Signature]
Notary Public

SEAL

My Commission Expires: Nov. 12, 2013



MYERS BIGEL SIBLEY & SAJOVEC
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P.O. Box 37428, Raleigh, NC 27627
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Facsimile 919-854-1401

**TELECOPIER TRANSMISSION
COVER SHEET**

Date: December 2, 2009
File Number: 9463-15
Telecopier No.: 571-273-0140
To: Assignment Recordation Services
Commissioner for Patents
Company: North Carolina Agricultural and Technical State University
From: Shawna Cannon Lemon
Number of Pages: 6
Return fax to: Betty-Lou

If there is a problem with this transmission, please call (919) 854-1400. Our fax number is (919) 854-1401.

Re: Ilias et al.; U.S. Application Number 12/464,990; Filed May 13, 2009.

Confidentiality Note

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