

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Raoul Schlessner</td><td>06/07/2006</td></tr><tr><td>Ramon R. Collazo</td><td>06/07/2006</td></tr><tr><td>Zlatko Sitar</td><td>06/07/2006</td></tr></tbody></table>	Name	Execution Date	Raoul Schlessner	06/07/2006	Ramon R. Collazo	06/07/2006	Zlatko Sitar	06/07/2006	
Name	Execution Date								
Raoul Schlessner	06/07/2006								
Ramon R. Collazo	06/07/2006								
Zlatko Sitar	06/07/2006								
RECEIVING PARTY DATA									
Name:	North Carolina State University								
Street Address:	920 Main Campus Drive								
Internal Address:	Suite 400								
City:	Raleigh								
State/Country:	NORTH CAROLINA								
Postal Code:	27695-8210								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11382806</td></tr></tbody></table>	Property Type	Number	Application Number:	11382806					
Property Type	Number								
Application Number:	11382806								
CORRESPONDENCE DATA									
Fax Number:	(919)862-2260								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(919) 862-2247								
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ATTORNEY DOCKET NUMBER:	035051/309804 (RWC)								
NAME OF SUBMITTER:	Ryan W. Cagle (Reg. No. 47,468)								

CH 11382806 \$40.00

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PATENT
REEL: 017995 FRAME: 0287

Total Attachments: 5

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PATENT

REEL: 017995 FRAME: 0288

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the Patent and Trademark Office:

Attorney Docket No.: 035051/309804

Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Raoul Schlessner
Ramon R. Collazo
Zlatko Sitar

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

North Carolina State University
920 Main Campus Drive, Suite 400
Raleigh, NC 27695-8210

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

3. Nature of conveyance / Execution Date:

Execution Date June 7, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

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

4. Application or patent number(s):

A. Patent Application No.: 11/382,806

B. Patent No.: _____

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

Additional numbers attached? Yes ☐ No ☒

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

ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000

6. Total number of applications and patents involved:

1

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

- ☐ Enclosed
☒ Authorized to be charged to deposit account
☐ None required (government interest not affecting title)

8. Deposit account number: 16-0605

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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: Ryan W. Cagle
Reg. No. 47,468

7/25/06
Date

Total number of pages including cover sheet, attachments, and documents: 5

USPTO Fax Number for New Assignments: (571) 273-0140

LEGAL02/30025315v1

**PATENT
REEL: 017995 FRAME: 0289**

ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

North Carolina State University
920 Main Campus Drive, Suite 400
Raleigh, NC 27695-8210

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "CONTROLLED POLARITY GROUP III-NITRIDE FILMS AND METHODS OF PREPARING SUCH FILMS"

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☐ executed on _____
- ☒ Application No. 11/382,806; filed May 11, 2006
- ☒ Application claims priority from Application No. 60/679,849, filed May 11, 2005, all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

6/7/06
Date

R. Schless
Raoul Schless

State of North Carolina)
County of Wake)

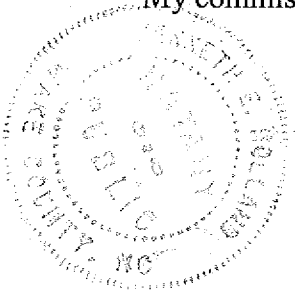
I, Kenneth E. Holland, a Notary Public for said County and State, do hereby certify that Raoul Schless personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7th day of June, 2006.

(Official Seal)

Kenneth E. Holland
Notary Public

My commission expires December 21 2009



Date 6/7/06

R. Collazo
Ramón R. Collazo

State of North Carolina)

County of Wake)

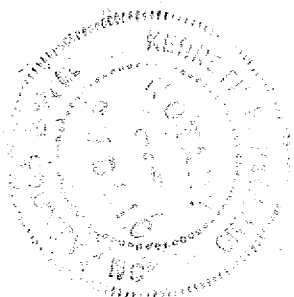
I, Kenneth E. Holland, a Notary Public for said County and State, do hereby certify that Ramón R. Collazo personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7th day of June, 2006.

(Official Seal)

Kenneth E. Holland
Notary Public

My commission expires December 21, 2008



6/7/06
Date

Zlatko Sitar

State of North Carolina
County of Wake

I, Kenneth E. Holland, a Notary Public for said County and State, do hereby certify that Zlatko Sitar personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7th day of June, 2006.

(Official Seal)

Kenneth E. Holland
Notary Public

My commission expires December 21 2009

Attorney Docket No.: 035051/309804

