



To the Honorable Commissioner 102088328

Date: May 6, 2002
Attorney Docket No. 5051-593

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jon-Paul Maria
Angus Ian Kingon

05/06/02

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

North Carolina State University
2401 Research Drive, Box 8210
Raleigh, North Carolina 27695

1c971 U.S. PTO
10/139454

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

3. Nature of conveyance:

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

Execution Date: April 23, 2002, May 2, 2002

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

4. Application Serial No. _____ Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: April 23, 2002; May 2, 2002

Additional numbers attached? Yes No

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

Mitchell S. Bigel
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.

Mitchell S. Bigel, #29,614
Name of Person Signing

Mitchell S. Bigel
Signature

May 6, 2002
Date

Total number of pages including cover sheet, attachments and document: 4

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ASSIGNMENT

THIS ASSIGNMENT, made by us, Jon-Paul Maria, citizen of United States of America, residing at 1041 Avent Hill, Raleigh, Wake County, North Carolina 27606-8004; and Angus Ian Kingon, citizen of the United States of America, residing at 138 Trafalgar Lane, Cary, Wake County, North Carolina 57513;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in METHODS OF CONTROLLING OXYGEN PARTIAL PRESSURE DURING ANNEALING OF PEROVSKITE DIELECTRIC LAYER, AND STRUCTURES FABRICATED THEREBY for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, North Carolina State University, an educational institution having a principal place of business at Office of Technology Transfer and Industry Research, Campus Box 7003, Raleigh, Wake County, State of North Carolina 27695-7003, hereinafter referred to as assignee, is desirous of acquiring the 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 the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, 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 application 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, I have hereunto set my hand and seal on this 23 day of April, 2002

Jon-Paul Maria (SEAL)
Jon-Paul Maria


STATE OF NORTH CAROLINA)
) ss:
COUNTY OF WAKE)

Before me personally appeared 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 23rd day of April, 2002.

Wendy Sue Lutz
Notary Public

SEAL
My Commission Expires: 9-13-05

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 2nd day of May, 2002.

 (SEAL)
Angus Ian Kingon

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF WAKE)

Before me personally appeared 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 2 day of May, 2002.



Notary Public

SEAL
My Commission Expires: 4 14 07