

PATENT ASSIGNMENT

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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>Veena Misra</td><td>02/23/2007</td></tr><tr><td>Zhong Chen</td><td>02/23/2007</td></tr><tr><td>Guru Mathur</td><td>02/23/2007</td></tr></tbody></table>		Name	Execution Date	Veena Misra	02/23/2007	Zhong Chen	02/23/2007	Guru Mathur	02/23/2007				
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>North Carolina State University</td></tr><tr><td>Street Address:</td><td>Campus Drive</td></tr><tr><td>Internal Address:</td><td>Box 8210</td></tr><tr><td>City:</td><td>Raleigh</td></tr><tr><td>State/Country:</td><td>NORTH CAROLINA</td></tr><tr><td>Postal Code:</td><td>27695</td></tr></table>		Name:	North Carolina State University	Street Address:	Campus Drive	Internal Address:	Box 8210	City:	Raleigh	State/Country:	NORTH CAROLINA	Postal Code:	27695
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (650)843-4001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Robert B. Beyers												
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PATENT

REEL: 019107 FRAME: 0194

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Veena Misra**, a citizen of the United States of America, residing at 3001 Agent Court, Raleigh, North Carolina 27603; **Guru Mathur**, a citizen of India, residing at 285/16 New Jawarhar Colony, 4th Avenue, Annanagar, Chennai, 600040 Tamil Nadu, India; and **Zhong Chen**, a citizen of the People's Republic of China, residing at #15-308 He Pin Xin Cun, 220 Meishan Road, Hefei, Anhui Province 230032, China;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **Molecular Memory Devices Including Solid-State Dielectric Layers and Related Methods** for which Provisional Application Serial No. 60/741,286 was filed on December 1, 2005, and for which U.S. Application No. 11/607,503 was filed on November 30, 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, 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 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, I have hereunto set my hand and seal on this 23 day of

February, 2007.

Veena Misra (SEAL)
Veena Misra

STATE OF N.C.)
) ss:
COUNTY OF Wake)

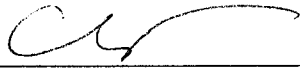
Before me personally appeared the person described in and who executed the foregoing instrument, and she acknowledged to me that she executed the same for the purposes therein stated, this 23 day of February, 2007.

[Signature]
Notary Public

SEAL

My Commission Expires: December, 21 2009

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 23 day of
Feb, 2007.



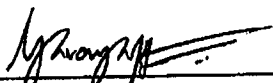
Zhong Chen (SEAL)

WITNESS: Bonnie J. Aldridge
DATE: 2/23/2007

WITNESS: Kevin E. Mohr
DATE: 2-23-07

NCSU: 05.118

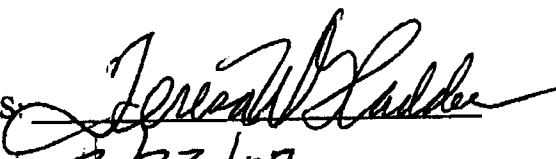
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 23rd day of
FEBRUARY, 2007.



Guru Mathur (SEAL)

WITNESS: Sowmiya Gangadharan (SOWMIYA GANGADHARAN)

DATE: 02/23/2007

WITNESS: 
DATE: 2/23/07