

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>Zhenqiang Ma</td> <td>04/16/2013</td> </tr> <tr> <td>Jung-Hun Seo</td> <td>04/16/2013</td> </tr> <tr> <td>Max Lagally</td> <td>05/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Zhenqiang Ma	04/16/2013	Jung-Hun Seo	04/16/2013	Max Lagally	05/22/2013
Name	Execution Date								
Zhenqiang Ma	04/16/2013								
Jung-Hun Seo	04/16/2013								
Max Lagally	05/22/2013								
RECEIVING PARTY DATA									
Name:	Wisconsin Alumni Research Foundation								
Street Address:	614 Walnut Street								
City:	Madison								
State/Country:	WISCONSIN								
Postal Code:	53726								
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>13751477</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13751477				
Property Type	Number								
Application Number:	13751477								
CORRESPONDENCE DATA									
Fax Number:	6082631064								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	608-263-7677								
Email:	akruse@warf.org								
Correspondent Name:	Amy Kruse								
Address Line 1:	614 Walnut Street								
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Address Line 4:	Madison, WISCONSIN 53726								
ATTORNEY DOCKET NUMBER:	P130145US01								
NAME OF SUBMITTER:	Amy Kruse								
Signature:	/Amy Kruse/								

Date:

05/28/2013

Total Attachments: 4

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ASSIGNMENT
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
DOPED AND STRAINED FLEXIBLE THIN-FILM TRANSISTORS			
PAT	UNITED STATES	13/751477	January 28, 2013

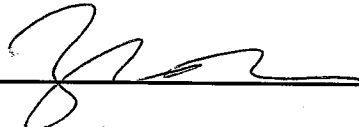
For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P130145US01
Wisconsin Alumni Research Foundation

ASSIGNMENT
Wisconsin Alumni Research Foundation
Ref: P130145US01
App.#: 13/751477, Filed: January 28, 2013

Inventor: 

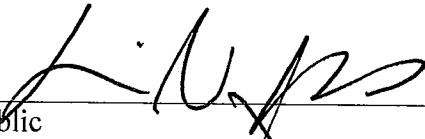
Date: 04/16/2013

Zhenqiang Ma
5520 Sandhill Dr.
Middleton, WI 53562

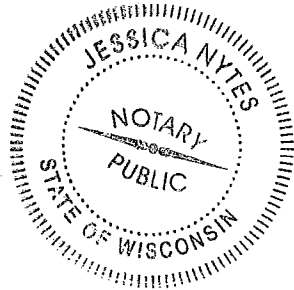
State of Wisconsin)
)ss.
County of Dane)

On this 16 day of April, 2013 before me personally appeared Zhenqiang Ma, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL


Notary Public

My Commission expires: 4/5/2014



ASSIGNMENT
Wisconsin Alumni Research Foundation
Ref: P130145US01
App.#: 13/751477, Filed: January 28, 2013

Inventor: Jung-Hun Seo

Date: 04-16-2013

Jung-Hun Seo
6401 Offshore Dr, Apt 300
Madison, WI 53705

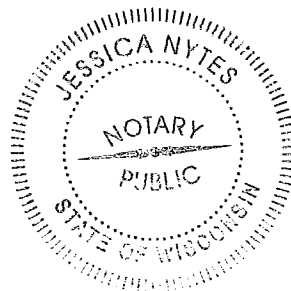
State of Wisconsin)
)ss.
County of Dane)

On this 16 day of April, 2013 before me personally appeared Jung-Hun Seo, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

J. Nytes
Notary Public

My Commission expires: 1/5/2014



ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P130145US01

App.#: 13/751477, Filed: January 28, 2013

Inventor: Max G. Lagally

Date: 5/22/13

Max Lagally
5110 Juneau Road
Madison, WI 53705

State of Wisconsin)
)ss.
County of Dane)

On this 22nd day of May, 2013 before me personally appeared Max Lagally, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Stephanie M. Whitthuse
Notary Public

My Commission expires: June 9, 2013