

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE												
CONVEYING PARTY DATA													
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Wisconsin Alumni Research Foundation</td><td>03/16/2010</td></tr></table>	Name	Execution Date	Wisconsin Alumni Research Foundation	03/16/2010									
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Wisconsin Alumni Research Foundation	03/16/2010												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>National Science Foundation</td></tr><tr><td>Street Address:</td><td>4201 Wilson Blvd</td></tr><tr><td>Internal Address:</td><td>Room 1265</td></tr><tr><td>City:</td><td>Arlington</td></tr><tr><td>State/Country:</td><td>VIRGINIA</td></tr><tr><td>Postal Code:</td><td>22230</td></tr></table>	Name:	National Science Foundation	Street Address:	4201 Wilson Blvd	Internal Address:	Room 1265	City:	Arlington	State/Country:	VIRGINIA	Postal Code:	22230	
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PROPERTY NUMBERS Total: 1													
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>12723190</td></tr></table>	Property Type	Number	Application Number:	12723190									
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Application Number:	12723190												
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PATENT
REEL: 024385 FRAME: 0143

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Sign and Fax this to (301) 480-0272

Invention Title: LARGE-AREA, FREE-STANDING METAL OXIDE FILMS AND TRANSISTORS MADE THEREFROM

Inventor(s): Xudong Wang, Zhenqiang Ma, Fei Wang, Jung-Hun Seo

U.S. Filing/Issue Date: March 12, 2010

Patent or Application Serial No.: 12/723190

Grant/Contract Number(s): National Science Foundation 0905914, USAF/AFOSR FA9550-09-1-0482

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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Signed this 16 March, 2010,

By Michael Falk

(Name of Grantee/Contractor Official)



(Signature)

Title General Counsel

For Wisconsin Alumni Research Foundation

(Grantee/Contractor Organization)

At 614 Walnut St, Madison, WI 53726

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WARF Ref: P100129US01 - Wang