

## 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>Ming-Hwei Hong</td><td>05/25/2006</td></tr><tr><td>Jueinai Kwo</td><td>05/25/2006</td></tr><tr><td>Chih-Ping Chen</td><td>05/25/2006</td></tr><tr><td>Shiang-Pi Chang</td><td>05/25/2006</td></tr><tr><td>Wei-Chin Lee</td><td>05/25/2006</td></tr></tbody></table>	Name	Execution Date	Ming-Hwei Hong	05/25/2006	Jueinai Kwo	05/25/2006	Chih-Ping Chen	05/25/2006	Shiang-Pi Chang	05/25/2006	Wei-Chin Lee	05/25/2006	
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RECEIVING PARTY DATA													
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City:	Hsinchu												
State/Country:	TAIWAN												
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>11380518</td></tr></tbody></table>	Property Type	Number	Application Number:	11380518									
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CORRESPONDENCE DATA													
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Total Attachments: 2 source=00782134#page1.tif													

OP \$40.00 11380518

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PATENT  
REEL: 017832 FRAME: 0678



## ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)  
METHOD FOR FORMING A SEMICONDUCTOR DEVICE HAVING A  
STRUCTURE OF A SINGLE CRYSTAL SCANDIUM OXIDE FILM FORMED ON  
A SILICON SUBSTRATE

The PATENT RIGHTS referred to in this agreement are:

(check one) ☐ a patent application for this invention, executed by the ASSIGNOR(S)  
concurrently with this assignment.

☒ U.S. patent application Serial No. 11/380,518, filed 04/27/2006

☐ a U.S. patent application based on PCT International Application  
No. \_\_\_\_\_, filed on (date) \_\_\_\_\_ (U.S. patent  
application Serial No. \_\_\_\_\_, if known)

☐ U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS also include all divisions, reissues, continuations and  
extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one) ☒ U.S. patent rights only.

☐ Worldwide patent rights. In this case, the assignee shall have the  
right to claim the benefit of the filing date of any U.S. or foreign  
patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose  
signature(s) appear(s) on page 2 of this Assignment and any Supplemental Sheets(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) NATIONAL TSING HUA UNIVERSITY

(Address) No.101 , Sec.2 , Kwangfu Rd., Hsinchu , Taiwan

The ASSIGNEE is:

(check one) ☐ An Individual.

☐ A Partnership.

☐ A Corporation of \_\_\_\_\_ (specify state or country)

☒ (other) A University of Taiwan

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other  
good and valuable consideration, receipt of which is acknowledged, hereby assign(s)  
the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;  
the entire right, title and interest in and to the PATENT RIGHTS;  
the right to sue and recover for any past infringement; and,  
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) any attorney and agent who has a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

<u>Ming-Hwei HONG</u>	<u>Minghwa Hong</u>	May 25, 2006
Name of sole or first inventor	Signature	Date
<u>Jueinai KWO</u>	<u>Jueinai Kwo</u>	May 25, 2006
Name of second inventor, if any	Signature	Date
<u>Chih-Ping CHEN</u>	<u>Chih-Ping Chen</u>	May 25, 2006
Name of third inventor, if any	Signature	Date
<u>Shiang-Pi CHANG</u>	<u>Shiang-Pi Chang</u>	May 25, 2006
Name of fourth inventor, if any	Signature	Date
<u>Wei-Chin LEE</u>	<u>Wei-Chin Lee</u>	May 25, 2006
Name of fifth inventor, if any	Signature	Date