

## 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>Kuo Chen Wang</td><td>08/17/2011</td></tr><tr><td>Sriraj Manavalan</td><td>08/17/2011</td></tr><tr><td>Wei Ming Liao</td><td>08/18/2011</td></tr></tbody></table>		Name	Execution Date	Kuo Chen Wang	08/17/2011	Sriraj Manavalan	08/17/2011	Wei Ming Liao	08/18/2011				
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Micron Technology, Inc.</td></tr><tr><td>Street Address:</td><td>8000 South Federal Way</td></tr><tr><td>Internal Address:</td><td>MS 1-525</td></tr><tr><td>City:</td><td>Boise</td></tr><tr><td>State/Country:</td><td>IDAHO</td></tr><tr><td>Postal Code:</td><td>83716</td></tr></table>		Name:	Micron Technology, Inc.	Street Address:	8000 South Federal Way	Internal Address:	MS 1-525	City:	Boise	State/Country:	IDAHO	Postal Code:	83716
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (509)838-3424 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	MI22-4851												
NAME OF SUBMITTER:	Mark S. Matkin												
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif													

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PATENT  
REEL: 026793 FRAME: 0889

## **ASSIGNMENT**

### **PARTIES TO THE ASSIGNMENT:**

#### **INVENTORS:**

Kuo Chen Wang  
1524 S. Riverstone Lane Apt. 302  
Boise, ID 83706  
United States

Sriraj Manavalan  
4479 S. Varian Ave.  
Boise, ID 83709  
United States

Wei Ming Liao  
United States

#### **ASSIGNEE:**

Micron Technology, Inc.  
MS 1-525  
8000 South Federal Way  
Boise, ID 83716  
United States

### **BACKGROUND OF THIS ASSIGNMENT:**

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled Vertical Transistor Devices, Memory Arrays, And Methods Of Forming Vertical Transistor Devices.

Micron Technology, Inc. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and

with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

**THE PARTIES AGREE AS FOLLOWS:**

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these present do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE, such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any patent application papers (foreign or domestic) required for the filing of any divisional, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries

where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. INVENTORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Dated: 17 Aug 2011

Signature: Kuo-Chen Wang  
Kuo Chen Wang

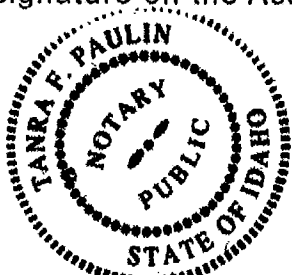
State of Idaho

County of Ada

)  
) ss.  
)

On this 17th day of August, 2011, before me, Tanra F. Paulin (name and title of Notary Official), personally appeared Kuo Chen Wang, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



[Signature]  
My Commission Expires: 11-5-2011

Dated: 8/17/2011

Signature: Sriraj Manavalan  
Sriraj Manavalan

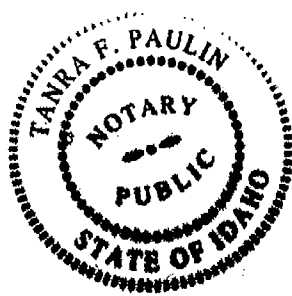
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On this 17th day of August, 2011, before me, Tanra F. Paulin (name and title of Notary Official), personally appeared Sriraj Manavalan, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



[Signature]  
My Commission Expires: 11-5-2011

Dated: 08.18.2011

Signature: Wei Ming Liao  
Wei Ming Liao

WITNESSES:

Dated: 08.18.2011

Signature: Wei Zhi Wang  
Printed Name: Wei Zhi Wang  
Address: 2F, No. 59, Alley 52, Wanhua 2nd Rd.  
Gueishan Township, Taoyuan County, Taiwan

Dated: 8.18.2011

Signature: Sung Ju Fan-Chiang  
Printed Name: Sung Ju Fan-Chiang  
Address: 2814th Fu-Ching St.  
Taipei, Taiwan, R.O.C.