

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Toru Tanzawa	01/11/2012
RECEIVING PARTY DATA	
Name:	Micron Technology, Inc.
Street Address:	8000 South Federal Way
Internal Address:	MS 525
City:	Boise
State/Country:	IDAHO
Postal Code:	83716
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13349652
CORRESPONDENCE DATA	
Fax Number:	(612)312-2250
Phone:	612-312-2200
Email:	docketing@ljp-iplaw.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	LEFFERT JAY & POLGLAZE, P.A.
Address Line 1:	P O BOX 2230
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0230
ATTORNEY DOCKET NUMBER:	400.784US01
NAME OF SUBMITTER:	Tod. A. Myrum
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

OP \$40.00 13349652

## ASSIGNMENT

WHEREAS, I, Toru Tanzawa, residing at 1-20-5-302, Nishiarai, Adachi-ku, Tokyo, 123-0841, Japan made certain new and useful inventions and improvements for which I executed an application for Letters Patent of the United States herewith, and which is entitled MEMORY DEVICES AND PROGRAMMING METHODS.

AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8000 South Federal Way, MS 525, Boise, Idaho, 83716, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my respective executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

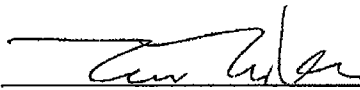
AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11<sup>th</sup> day of January, 2012.

  
\_\_\_\_\_  
Toru Tanzawa

WITNESS:


TOMOHARU TANAKA  
\_\_\_\_\_  
Printed Name

  
\_\_\_\_\_  
Signature

Jan. 11, 2012  
\_\_\_\_\_  
(Date)

WITNESS:

Shigekazu Yamada  
\_\_\_\_\_  
Printed Name

  
2012/1/11  
\_\_\_\_\_  
Signature

2012/1/11  
\_\_\_\_\_  
(Date)