## PATENT ASSIGNMENT

# Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ATA				
N			Vame	Execution Date	
Mehdi Asnaashari				04/07/2009	
Yu-Song Liao				04/07/2009	
Jui-Yao Yang				04/07/2009	
Siamack Nemazie				04/07/2009	
RECEIVING PARTY DA	ATA				
Name:	Micron Technology, Inc.				
	8000 South Federal Way				
City:	Boise				
State/Country:	ІДАНО				
	83716-9632				
PROPERTY NUMBERS Total: 1 Property Type			Numbe	er	
Application Number: 1		13599594			
CORRESPONDENCE I	DATA				
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Phone:         612-659-9340					
Email: Correspondence will be via US Mail.	mccloud e <i>sent to the e</i>		.net address first; if that is unsuccessful	l, it will be sent	
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ATTORNEY DOCKET NUMBER:			1002.0390009[08-043002US]		
NAME OF SUBMITTER:			Daniel A. Dettlaff		
Total Attachments: 5				PATENT	

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No. 1002.0390001

Mehdi Asnaashari, et al.

Disclosure No. 2008-0430

Filed: Concurrently herewith

### For: MEMORY CONTROLLERS, MEMORY SYSTEMS, SOLID STATE DRIVES AND METHODS FOR PROCESSING A NUMBER OF COMMANDS

#### ASSIGNMENT

<u> </u>	Enclosed for recording Proviously, recorded					
Datc: Reel:						

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN, AND TRANSFER TO Micron Technology, Inc. (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "MEMORY CONTROLLERS, MEMORY SYSTEMS, SOLID STATE DRIVES AND METHODS FOR PROCESSING A NUMBER OF COMMANDS"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue and an all United States and foreign patents granted on such improvements to the Assignce;

Rev. 01/09

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#### ASSIGNMENT Attorncy Docket No.: 1002.0390001 [2008-0430.00/US] Filed: Concurrently Herewith

WARRANT AND CONVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignce, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignce all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining, and enforcing proper patent protection for such improvements and for vesting title to such improvement in the Assignce;

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignce.

Annas/111 P Date: 4-1-09

STATE OF CALIFORNIA

COUNTY OF <u>Sinta</u> (lana)

On <u>april 7, 2009</u> before me, <u>Pa Hi HAIR</u> (insert name and title of the officer)

personally appeared . Mehdi Asnaashari who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized copacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

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Rev. 01/09

ASSIGNMENT Attorney Docket No.: 1002.0390001 [2008-0430.00/US] Filed: Concurrently Herewith

PATTI M. HAIR Commission # 1770730 Notary Public - California Santa Clara County IMy Comm. Explose Oct 9, 2011 Notary or Consular Officer tober. 9, 2011 My Commission Expires

a. 2 mm

Date: 4/7/2009

Yu-Song Lia

STATE OF CALIFORNIA

COUNTY OF Santa Clarg

On April 7, 2009 before me, Pate (insert name and title of the officer)

personally appeared,  $\sqrt{\mu - 5 \sigma n q} Liao$ who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official scal

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Notary or Consular Officer My Commission Expires <u>19/9/</u>2011

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ASSIGNMENT Attorney Docket No.: 1002.0390001 [2008-0430.00/US] Filed: Concurrently Herewith

yas (Rag) yes Date: 4/7/2009

Jui-Yao ("Ray") Yang

STATE OF CALIFORNIA

COUNTY OF Santa Clark

On <u>April 7, 2009</u> before me. <u>PHHi BHIR</u> (insert name and title of the officer)

personally appeared, <u>Jui-Yao (Ray) Yang</u> who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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ASSIGNMENT Attorney Docket No.: 1002.0390001 [2008-0430.00/US] Filed: Concurrently Herewith

amack elemagin Date: 4/2/2009

STATE OF CALIFORNIA

COUNTY OF SANTA CLARD

On April 7, 2009 before me,

(insert name and title of the officer)

personally appeared . <u>Sin muck Nemazic</u> who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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Notary or Consulat Officer My Commission Expires <u>10/9/2011</u>

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**RECORDED: 08/30/2012**