

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Shafqat Ahmed</td> <td>11/02/2010</td> </tr> <tr> <td>Khaled Hasnat</td> <td>11/03/2010</td> </tr> <tr> <td>Pranav Kalavade</td> <td>11/03/2010</td> </tr> <tr> <td>Krishna Parat</td> <td>10/13/2010</td> </tr> <tr> <td>Aaron Yip</td> <td>10/20/2010</td> </tr> <tr> <td>Mark A. Helm</td> <td>10/20/2010</td> </tr> <tr> <td>Andrew Bicksler</td> <td>11/01/2010</td> </tr> </tbody> </table>		Name	Execution Date	Shafqat Ahmed	11/02/2010	Khaled Hasnat	11/03/2010	Pranav Kalavade	11/03/2010	Krishna Parat	10/13/2010	Aaron Yip	10/20/2010	Mark A. Helm	10/20/2010	Andrew Bicksler	11/01/2010
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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																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12942152</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12942152												
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CORRESPONDENCE DATA																	
Fax Number:	(612)312-2250																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	612-312-2200																
Email:	docketing@ljp-iplaw.com																
Correspondent Name:	LEFFERT JAY & POLGLAZE, P.A.																
Address Line 1:	P.O. BOX 581009																
Address Line 4:	MINNEAPOLIS, MINNESOTA 55458-1009																
ATTORNEY DOCKET NUMBER:	400.716US01																

OP \$40.00 12942152

501343799

PATENT
REEL: 025334 FRAME: 0157

NAME OF SUBMITTER:

Kenneth W. Bolvin

Total Attachments: 9

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ASSIGNMENT

WHEREAS, we, Shafqat Ahmed, residing at 4802 Rio Vista Avenue, San Jose, California, 95129, Khaled Hasnat, residing at 4757 San Lucas Way, San Jose, California, 95135, Pranav Kalavade, residing at 6385 Slida Drive, San Jose, California, 95129, and Krishna Parat, residing at 4177 Hubbart Drive, Palo Alto, California, 94306, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States herewith, and which is entitled SENSE OPERATION FLAGS IN A MEMORY DEVICE .

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 and/or confirming its acquisition of 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, we 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, 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, we do hereby agree that we and our 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 us 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of NOV., 2010.

Shafqat Ahmed
Shafqat Ahmed

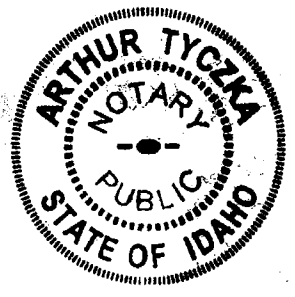
State of Idaho

County of Ada


On 2 Nov 2010 before me, Art Tyczka appeared Shafqat Ahmed, 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 on behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.
Notary or Consular Officer Arthur Tyczka

(Seal) Commission Expires: 8-15-12



IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of NOV, 2010.


Khaled Hasnat

State of Idaho

County of Ada

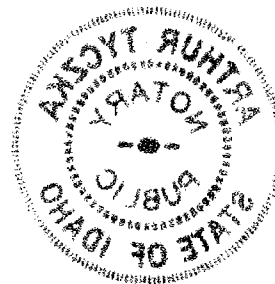
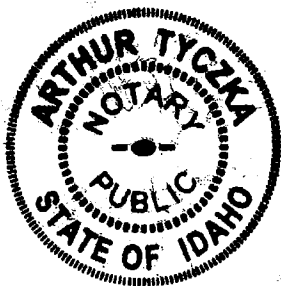
On 3 Nov. 2010 before me, Art Tyczka appeared Khaled Hasnat, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity on behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

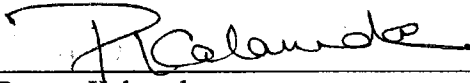
Notary or Consular Officer 

(Seal)

Commission Expires: 3-15-12



IN TESTIMONY WHEREOF, I have hereunto set my hand this 3rd day of Nov, 2010.



Pranav Kalavade

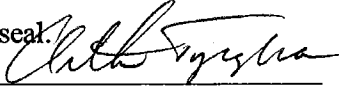
State of Idaho

County of Ada

On 3 Nov 2010 before me, Art Tyczka appeared

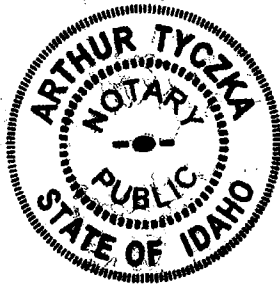
Pranav Kalavade, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument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

WITNESS my hand and official seal.

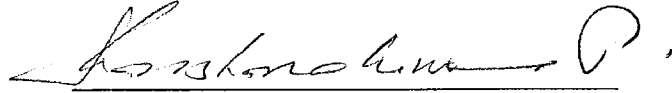
Notary or Consular Officer 

(Seal)

Commission Expires: 3-15-12



IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of Oct, 2010.



Krishna Parat

State of Idaho

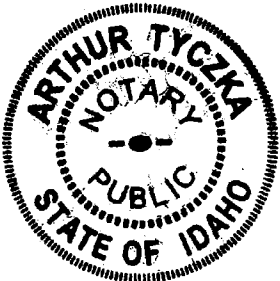
County of Ada

On 13 Oct. 2010 before me, Art Tyczka appeared
Krishna Parat, 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 on behalf of which the person(s) acted,
executed the instrument.

WITNESS my hand and official seal

Notary or Consular Officer

(Seal)


Commission Expires: 3-15-12

ASSIGNMENT

WHEREAS, we, Aaron Yip, residing at 254 Vista de Sierra, Los Gatos, California, 95030, Mark A. Helm, residing at 22 Eastridge Dr., Santa Cruz, California, 95060, and Andrew Bicksler, residing at 2460 Canal Street, Apt. 203, Boise, Idaho, 83705 made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States herewith, and which is entitled SENSE OPERATION FLAGS IN A MEMORY DEVICE .

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, we 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, we do hereby agree that we and our 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 us 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 we 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 us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20th day of October, 2010.



Aaron Yip

State of California

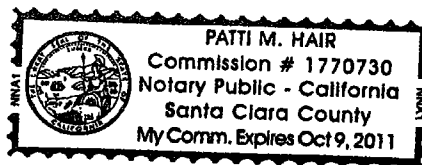
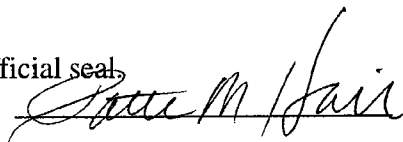
County of Santa Clara

On October 20, 2010 before me, Patti Hair appeared

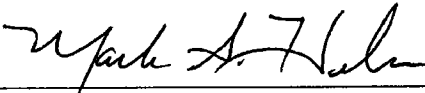
Aaron Yip, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument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

WITNESS my hand and official seal,

Notary or Consular Officer
(Seal)



IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of October, 2010.



Mark A. Helm

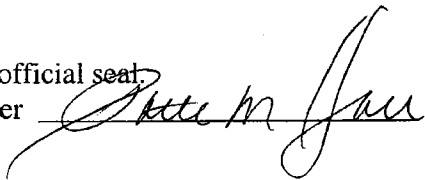
State of California

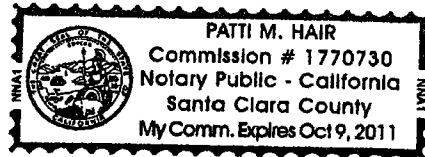
County of Santa Clara

On October 20, 2010 before me, Patti Hair appeared Mark A. Helm, 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 on behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Notary or Consular Officer
(Seal)





IN TESTIMONY WHEREOF, I have hereunto set my hand this 1 day of 11, 2010.

Andrew R. Bicksler
Andrew Bicksler

State of Idaho

County of Ada

On 1 Nov 2010 before me, Art Tyczka appeared

Andrew Bicksler, 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 on behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary or Consular Officer Arthur Tyczka

(Seal)

Commission Expires: 3-15-12

