

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dan B. Millward</td> <td>10/21/2008</td> </tr> <tr> <td>Timothy A. Quick</td> <td>10/21/2008</td> </tr> <tr> <td>J. Neil Greeley</td> <td>10/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Dan B. Millward	10/21/2008	Timothy A. Quick	10/21/2008	J. Neil Greeley	10/21/2008
Name	Execution Date								
Dan B. Millward	10/21/2008								
Timothy A. Quick	10/21/2008								
J. Neil Greeley	10/21/2008								
RECEIVING PARTY DATA									
Name:	Micron Technology, Inc.								
Street Address:	8000 South Federal Way								
Internal Address:	Mailstop 525								
City:	Boise								
State/Country:	IDAHO								
Postal Code:	83707-0006								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12259921</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12259921				
Property Type	Number								
Application Number:	12259921								
CORRESPONDENCE DATA									
Fax Number:	(801)531-9168								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	8015321922								
Email:	djpfeil@traskbritt.com								
Correspondent Name:	TraskBritt								
Address Line 1:	P.O. Box 2550								
Address Line 4:	Salt Lake City, UTAH 84110								
ATTORNEY DOCKET NUMBER:	2269-8871US (08-0122.00)								
NAME OF SUBMITTER:	Tracey Harrach								

Total Attachments: 6
 source=Oct-28-08-Assignment-8871US#page1.tif

500688777

**PATENT
 REEL: 021750 FRAME: 0356**

CH \$40.00 12259921

source=Oct-28-08-Assignment-8871US#page2.tif
source=Oct-28-08-Assignment-8871US#page3.tif
source=Oct-28-08-Assignment-8871US#page4.tif
source=Oct-28-08-Assignment-8871US#page5.tif
source=Oct-28-08-Assignment-8871US#page6.tif

ASSIGNMENT

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

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. ("ASSIGNEE"), a corporation of the state of Delaware having a place of business at 8000 South Federal Way, Boise, ID 83707-0006, 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 each undersigned ASSIGNOR concurrently herewith and is entitled **METHODS FOR SELECTIVE PERMEATION OF SELF-ASSEMBLED BLOCK COPOLYMERS WITH METAL OXIDES, METHODS FOR FORMING METAL OXIDE STRUCTURES, AND SEMICONDUCTOR STRUCTURES INCLUDING SAME**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined 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 made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

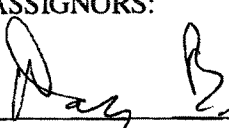
WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

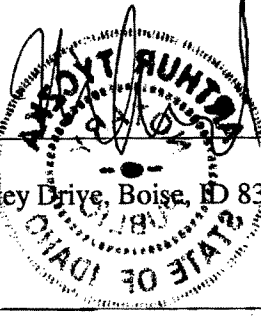
AUTHORIZE AND DIRECT any of the attorneys associated with Customer Number 63162 to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

ASSIGNORS:



Dan B. Millward
Residing at: 417 Mobley Drive, Boise, ID 83712

Date 10/21/08



Timothy A. Quick
Residing at: 4606 Castlebar Drive, Boise, ID 83703

Date _____

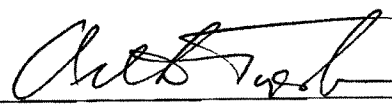


J. Neil Greeley
Residing at: 6805 Randolph Drive, Boise, ID 83709

Date _____

COUNTY OF Ada)
 : ss.
STATE OF Idaho)

On this 21st day of October, 2008, before me personally appeared Dan B. Millward to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.



Notary Public in and for said County and State

My Commission Expires:
3-15-12



COUNTY OF)
 : ss.
STATE OF)

On this ____ day of _____, 2008, before me personally appeared Timothy A. Quick to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Notary Public in and for said County and State

My Commission Expires:


AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

AUTHORIZE AND DIRECT any of the attorneys associated with Customer Number 63162 to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

ASSIGNORS:


Dan B. Millward
Residing at: 417 Mobley Drive, Boise, ID 83712

Date _____



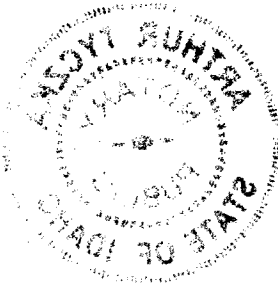
Timothy A. Quick
Residing at: 4606 Castlebar Drive, Boise, ID 83703

Date 10/21/08



J. Neil Greeley
Residing at: 6805 Randolf Drive, Boise, ID 83709

Date 10/21/08



COUNTY OF _____)
: ss.
STATE OF _____)


On this _____ day of _____, 2008, before me personally appeared Dan B. Millward to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Notary Public in and for said County and State

My Commission Expires:

COUNTY OF Ada)
: ss.
STATE OF Idaho)

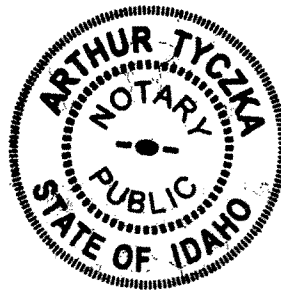
On this 21st day of October, 2008, before me personally appeared Timothy A. Quick to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.



Notary Public in and for said County and State

My Commission Expires:

3-15-12



COUNTY OF *Ada*)
 : ss.
STATE OF *Idaho*)

On this 21st day of October, 2008, before me personally appeared J. Neil Greeley to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.



Notary Public in and for said County and State

My Commission Expires:

3-15-12

Document in ProLaw

