

PATENT ASSIGNMENT

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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>Jun Liu</td> <td>10/01/2008</td> </tr> <tr> <td>Gurtej Sandhu</td> <td>10/01/2008</td> </tr> </tbody> </table>		Name	Execution Date	Jun Liu	10/01/2008	Gurtej Sandhu	10/01/2008
Name	Execution Date						
Jun Liu	10/01/2008						
Gurtej Sandhu	10/01/2008						
RECEIVING PARTY DATA							
Name:	Micron Technology, Inc.						
Street Address:	8000 S. Federal Way						
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>12242261</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12242261		
Property Type	Number						
Application Number:	12242261						
CORRESPONDENCE DATA							
Fax Number:	(281)970-4503						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Correspondent Name:	Robert A. Manware						
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ATTORNEY DOCKET NUMBER:	MICS:0296						
NAME OF SUBMITTER:	Robert A. Manware						
Total Attachments: 3 source=08-0478_MICS0296_Assignment#page1.tif source=08-0478_MICS0296_Assignment#page2.tif source=08-0478_MICS0296_Assignment#page3.tif							

OP \$40.00 12242261

ASSIGNMENT

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 the State of Delaware, having a place of business at **8000 S. Federal Way, Boise, Idaho 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 is entitled "**UNIDIRECTIONAL SPIN TORQUE TRANSFER MAGNETIC MEMORY CELL STRUCTURE**," and which may be further identified below; 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;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 52142 may insert additional information identifying this application below after execution of this assignment;

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

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others 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, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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

Additional Application Information

U.S. Provisional Application Serial No. _____, filed on _____.

U.S. Non-Provisional Application Serial No. **12/242,261**, filed on **September 30, 2008**.

International Application Serial No. _____, filed on _____.

Inventor No. 1:

(Signature): Jun Liu
Name: **Jun Liu**

Date: 10/01/08

STATE OF Idaho §
COUNTY OF Ada §

BEFORE ME, the undersigned authority, on this 1st day of October, 2008, personally appeared **Jun Liu** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to in the attached 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 of his/her/their own free will for the purposes and consideration therein expressed.

[SEAL] Kelli C. Bauer
Notary or Consular Officer exp. 2/26/2012



Inventor No. 2:

(Signature): Gurtej Sandhu
Name: **Gurtej Sandhu**

Date: 10/1/08

STATE OF Idaho §
COUNTY OF Ada §

BEFORE ME, the undersigned authority, on this 1st day of October, 2008, personally appeared **Gurtej Sandhu** who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to in the attached 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 of his/her/their own free will for the purposes and consideration therein expressed.

[SE] Kelli C Bauer
Notary or Consular Officer Exp: 2/28/2012

