Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (exp. 03/31/2012)	U.S. DEPARTMENT OF COM United States Patent and Tradema				
RECORDATION FOR					
PATENTS	ONLY				
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) be	low.			
1. Name of conveying party(les):	2. Name and address of receiving party(les)				
Micron Technology Inc.	Name: Round Rock Research, LLC				
	Internal Address:				
Additional name(s) of conveying party(les) attached? Yes X No	Street Address:				
3. Nature of conveyance/Execution Date(s):					
Execution Date(s): December 30, 2009	P. O. Box 1042				
Assignment Merger Change of Name					
Security Agreement Joint Research Agreement	City: Mount Kisco				
Government Interest Assignment	State: New York				
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 10548	•			
X Other In response to the Notice of Non-Recordation Statement under 37 CFR 3.73(b) is removed from submission	Additional name(s) & address(es) attached? Yes X	o			
4. Application or patent number(s): A. Pelent Application No.(s) Additional numbers attached?	This document is being filed together with a new application B. Patent No.(s) 8,054,703 Yes X No	n.			
5. Name and address to whom correspondence	6. Total number of applications and	1			
concerning document should be mailed:	patents involved:	<u> </u>			
Name: Richard J. Botos LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Alty. Dkt.:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Street Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government interest not affecting	ig litle)			
City: Westfield	8. Payment information				
State: NJ zip: 07090					
Phone Number: 908-654-5000					
Fax Number: 908-654-7866	Deposit Account Number 12-1095				
Email Address: ataylor@ldlkm.com	Authorized User Name Richard J. Botos				
9. Signature:	December 1, 2011 Date				
Richard J. Botos 32,016 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	7			
Livenie of Ferson digning					

Form PTQ-1595 (Rev. 03-11) OMB No. 0561-0027 (esp. 03/31/2012)	U.S. DEPARTMENT OF COMMERC: United States Palant and Trademark Office
RECORDATION FOR	M COVER SHEET
PATENTS	SONLY
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below
1. Name of conveying party(les):	2. Name and address of receiving party(les)
Micron Technology, Inc.	Name: Round Rock Research, LLC
Additional name(s) of conveying party(iss) attached? Yes X No	Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): December 30, 2009	P. O. Box 1042
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Mount Kleco
Government Interest Assignment	State: New York
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 10549
X Other Statement under 37 CFR 3.73(b)	Additional name(s) & address(es) Yes X Not attached?
4. Application or patent number(s):	his document is being filed together with a new application.
A. Palent Application No.(s)	E. Patent No.(s)
	6,054.703
Additional numbers anached?	Yes X No
5. Name and address to whom correspondence concerning document should be malled:	6. Total number of applications and patents involved:
Name: Richard J. Botos	
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Yotal fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.:	70.00
Street Address: 800 South Avenue West	The Authoritand to be about to do not be account.
	Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting little)
City: Westfield	8. Payment Information
State: NJ Zip: 07090	
Phone Number: 908-654-5000	
Fax Number: 908-654-7866 Email Address: ataylor@Idikm.com	Pepoelt Account Number 12-1095 Authorized User Name John J. Farrell
3. Signature:	Administration Code Halling SOUTH D. FRATEII
Signature	November 2, 2011
	Total number of opens including course
John J. Farrell, 57,291 Name of Person Signing	sheet, attachments, and documents:

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EXHIBIT A

CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

This Confirmatory Assignment of Patent Rights (the "Agreement") is entered into this 30th day of December, 2009 (the "Closing Date"), by and between Micron Technology, Inc., a Delaware corporation ("Assignor"), and Round Rock Research, LLC, a Delaware limited liability company ("Assignee").

WHEREAS, Assignor and Assignce are party to that certain Patent Sale and Transfer Agreement dated on or about the date hereof (as in effect from time to time, the "Patent Sale and Transfer Agreement"); capitalized terms used but not ofherwise defined in this Agreement shall have the respective meaning assigned thereto in the Patent Sale and Transfer Agreement;

WHRREAS, pursuant to the Petent Sale and Transfer Agreement, Assignor has agreed to sell, convey, transfer, assign and deliver to Assignor all of Assignor's (and its Subsidiaries') right, title and interest, including Patent Rights, in and to the Futents listed on Schedule A hereto (collectively, the "Assigned Patents");

WHEREAS, Assignce is now desirous of acquiring the entire and exclusive right, title and interest in and to the Assigned Patents in the United States and throughout the world; and

WHEREAS, Assignor is now willing to assign to Assignee all rights, title and interest in and to the Assigned Patents in the United States and throughout the world; and

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor hereby assigns, transfers and conveys to Assignoe, its successors, legal representatives and assigns, and Assignee hereby accepts, all of Assignor's right, title and interest in the United States and throughout the world in and to the Assigned Patents and any and all Letters Patent that are or may be granted thereon, and any legal equivalent thereof that may be granted in any country or countries foreign to the United States, in each case including without limitation any extensions, substitutes, continuations, continuationsin-part, divisions, reissues, reexaminations, and renewals thereof, or other equivalents thereof, and further, all rights and privileges pertaining to the Assigned Patents and any and all Letters Parent that are or may be granted thereon, and any legal equivalent thereof that may be granted in any country or countries foreign to the United States, including, without limitation, the right, if any, to pression, sue or otherwise seek and recover domagos, profits and any other remedy (monetary, injunctive, declaratory or other) in the United States and anywhere throughout the world for any past, present and future infringement thereof, conversion or misappropriation of, or other injury, offense, violation, breach of duty or wrong relating to, any of the Assigned Patents, or any license, agreement, contract or other matter relating thereto.

Assignor hereby authorizes, and requests the Commissioner of Patents and Trademarks of the United States of America and the appropriate officers of all other jurisdictions in which the Assigned Patents are or may be registered or in which applications included among the Assigned Patents are pending, to record the title of Assignee, its successors, legal representatives and assigns, as owner of all right, title and interest in and to the Assigned Patents, and to issue to Assignee, its successors, legal representatives and assigns, all Letters Patent and any legal

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equivalent thereof that may be granted in any country or countries foreign to the United States and recordations of patent rights resulting from any application included among the Assigned Patents, in accordance with the terms of this instrument.

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Except to the extent that federal law presumpts state law with respect to the matters covered hereby, this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware, without giving effect to any of the principles of conflicts of laws thereof that would result in the application of the laws of another jurisdiction to this Agreement,

This Agreement shall be binding on, and shall inure to the benefit of, the parties hereto and their respective successors and assigns, and may be executed in two or more counterparts, each of which shall be deemed to be an original, but all of which shall constitute one and the same agreement. Each of the parties hereto agrees to accept and be bound by facsimile signatures hereto.

Each party represents that it has taken all necessary action to authorize the execution and delivery of this Agreement.

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> IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be excented by their respective duly nutherized officers, as of the date first written above.

ASSIGNOR:

MICRON TECHNOLOGY, INC.

Nexus: Steve W. Applaton (file: Chairman and Oko

<u>assignės:</u>

round ruck research, llc

Names John Desmerala Tille Moongor

On this 23rd day of <u>haven har</u>2009, before me appeared <u>Staven A. Application</u>, the person who signed this instrument, who admovined god that he/she signed it as a live act on his/her own behalf or on behalf of the Assignor with authority to do so.

State of MAHO

[Note that federal patent assignments must also include a cover sheet. See 37 C.F.R. 3.28]

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03/26/2010 FRI 10:44 [TX/RX NO 5969] 4005

Schedule A Patents

2001- 0942.00//	EP E	P 20 Nov	ACTIVE TERMINATION CIRCUIT AND METHOD FOR CONTROLLING THE IMPEDANCE OF EXTERNAL	_		
		F 20-140V	02 INTEGRATED CIRCUIT TERMINALS ACTIVE TERMINATION CIRCUIT AND METHOD FOR	Pending		02789818.8
2001- 0942,00/F	KR KI	R 20-Nov-	CONTROLLING THE IMPEDANCE OF EXTERNAL 02 INTEGRATED CIRCUIT TERMINALS	Issued	11-Feb-09 10-88422	2004- 6 7008892
2001- 0942.00/T	71A/ T1	M 40 N	ACTIVE TERMINATION CIRCUIT AND METHOD FOR CONTROLLING THE IMPEDANCE OF EXTERNAL			
	VY IV	W 18-NOV-	02 INTEGRATED CIRCUIT TERMINALS ACTIVE TERMINATION CIRCUIT AND METHOD FOR	lssuęd	11-Oct-07 1288527	091133709
2001- 0842.00/U	IS US	8 28-Nov-	CONTROLLING THE IMPEDANCE OF EXTERNAL OF INTEGRATED CIRCUIT TERMINALS	Issued	02-Dec-03 6657906	09/997,156
2001- 0942.01/U	s uş	2 0-Feb- (ACTIVE TERMINATION CIRCUIT AND METHOD FOR CONTROLLING THE IMPEDANCE OF EXTERNAL INTEGRATED CIRCUIT TERMINALS	Issued	23-Mar-04 6 7 11073	10/375,639
2001-	o		ACTIVE TERMINATION CIRCUIT AND METHOD FOR CONTROLLING THE IMPEDANCE OF EXTERNAL	10000	me manar or craco	10/0/0/000
0942.02/U	s us	21-Jan-(4 INTEGRATED CIRCUIT TERMINALS ACTIVE TERMINATION CIRCUIT AND METHOD FOR	lssued	13-Sep-05 6944071	10/762,605
2001- 0942.03/US	s Ų\$	29-Nov-0	CONTROLLING THE IMPEDANCE OF EXTERNAL 4 INTEGRATED CIRCUIT TERMINALS	Issued	12-Sep-06 7106638	10/999,771
2001- 0942.04/US	s us	29-Nov-0	ACTIVE TERMINATION CIRCUIT AND METHOD FOR CONTROLLING THE IMPEDANCE OF EXTERNAL INTEGRATED CIRCUIT TERMINALS	(beuae)	06-Mar-07 7187601	10/999,770
2001-			ACTIVE TERMINATION CIRCUIT AND METHOD FOR CONTROLLING THE IMPEDANCE OF EXTERNAL		00-ma(-0) / (0) (0)	10/888,770
0942.05/US	s us	1 0- Jan-0	INTEGRATED CIRCUIT TERMINALS ACTIVE TERMINATION CIRCUIT AND METHOD FOR	Pending	(11/329,596*
2001- 0942.06/US 2001-	US	10-Jan-06	CONTROLLING THE IMPEDANCE OF EXTERNAL INTEGRATED CIRCUIT TERMINALS	Issued	03-Jun-08 7 382667	11/329,482
0949.00/IT 2001-	ΙΤ	18-Mar-02	FLASH MEMORY PROGRAMMING	issued	22-Mar-06 1333053	rm2002a000 148
0949.00/US 2001-	US	13-Jan-03	FLASH MEMORY PROGRAMMING	lssued	13-Jun-06 7062599	10/341,314
0949.01/US 2001-	us	07-Mar-06	FLASH MEMORY PROGRAMMING	Issued	09-Jan-07 7162570	11/369,348
0950.00/IT 2001-	П	09-Jul-02	DUAL BUS FAST MEMORY ARCHITECTURE	Issued	11-Apr-06 1333309	m2002a000 (369
0950.00/US 2001-	UŞ	14-Feb-03	DUAL BUS MEMORY BURST ARCHITECTURE	Issued	12-Jul-05 8917545	10/367,587
0950,01/US 2001-	US		DUAL BUS MEMORY BURST ARCHITECTURE DYNAMICALLY CENTERED SETUP-TIME AND HOLD-TIME	lssued	16-Jan-07 7164607	11/142,114
0968.00/US 2001-	UŞ	30-May-02	WINDOW INTEGRATED CIRCUIT PACKAGE HAVING REDUCED	Issued	09-Dec-03 6661717	10/158,607
0973.00/US 2001-	US	19-Apr-02	INTERCONNECTS INTEGRATED CIRCUIT PACKAGE HAVING REDUCED	Issued	27-Dec-05 6979904	10/126,067
0973.01/U\$	US	01-Sep-05	NTERCONNECTS SYSTEM AND METHOD FOR POWER SAVING DELAY	Pending		11/218,998
2001- 0979.00/US	U\$	11-Feb-02	OCKED LOOP CONTROL BY SELECTIVELY LOCKING DELAY	Issued	17-Jan-06 6988218	10/074,298
2001- 979.01/US	US	07-Dec-05 i	OCKED LOOP CONTROL BY SELECTIVELY LOCKING DELAY	issued	09-Sep-08 7424635	11/297,087
001- 979.02/US	US	05-Sep-08 L	SYSTEM AND METHOD FOR POWER SAVING DELAY OCKED LOOP CONTROL	Pending		2/205,629
001- 980.00/US	US	09-Oct-02 T	HROUGH WAFER PLATING FOR SILICON INTERPOSER ECHNOLOGY	issued		0/287,822
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:001- :980.01/US	US	18-Jul-05 A	IETHODS OF CONDUCTING THROUGH-WAFER VIAS	Issued	04-Sep-07 7265052 1	1/183,441

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PATENT REEL: 027331 FRAME: 0173

RECORDED: 09/12/2011