PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

		SION TYPE: NEW ASSIGNMENT		
NATURE OF CONVI	EYANCE:	ANCE: ASSIGNMENT		
CONVEYING PART	Y DATA			
		Name	Execution Date	
Harold B Noyes			01/20/2012	
David R. Brown			01/19/2012	
Paul Glendenning			02/14/2012	
Irene J. Xu			02/14/2012	
RECEIVING PARTY	DATA			
]	
Name:	Micron Techno			
Street Address:	8000 S. Feder	ai vvay		
City:	Boise			
State/Country:	IDAHO			
Postal Code:	83707-0006			
PROPERTY NUMBE				
Property	Туре	Numt	Der	
Property Application Number		Numt	Der	
Application Number	·		Der	
Application Number	·		ber	
Application Number CORRESPONDENC		-4503	per	
Application Number CORRESPONDENC Fax Number: Phone:	r: // // // // // // // // // // // // //	-4503 4545	ber	
Application Number CORRESPONDENC Fax Number: Phone: Email:	CE DATA (281)970 281-970- manware	-4503 4545 @fyiplaw.com		
Application Number CORRESPONDENC Fax Number: Phone: Email:	CE DATA (281)970 281-970- manware	-4503 4545		
Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i>	CE DATA (281)970 281-970- manware I be sent to the e-	-4503 4545 @fyiplaw.com		
Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i> <i>via US Mail.</i>	CE DATA (281)970 281-970- manware I be sent to the e-	-4503 4545 @fyiplaw.com <i>mail address first; if that is unsuccesst</i>		
Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i> <i>via US Mail.</i> Correspondent Nam	CE DATA (281)970 281-970- manware <i>I be sent to the e</i> - e: Robert A PO Box 6	-4503 4545 @fyiplaw.com <i>mail address first; if that is unsuccesst</i>		
Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i> <i>via US Mail.</i> Correspondent Nam Address Line 1:	CE DATA (281)970 281-970- manware <i>I be sent to the e</i> - ne: Robert A PO Box 6 Houston,	-4503 4545 @fyiplaw.com <i>mail address first; if that is unsuccessi</i> Manware 592289		
Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i> <i>via US Mail.</i> Correspondent Nam Address Line 1: Address Line 4:	CE DATA (281)970 281-970- manware U be sent to the e- me: Robert A PO Box 6 Houston,	-4503 4545 @fyiplaw.com <i>mail address first; if that is unsuccessi</i> Manware 592289 TEXAS 77269-2289		
Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i> <i>via US Mail.</i> Correspondent Nam Address Line 1: Address Line 4:	E DATA (281)970 281-970- manware to be sent to the e- e: Robert A. PO Box 6 Houston, ET NUMBER: ER:	-4503 4545 @fyiplaw.com <i>mail address first; if that is unsuccesst</i> Manware 592289 TEXAS 77269-2289 MICS:0336		

source=11-0752_MICS0336_True_and_Correct_Assignment_22FEB2012#page1.tif source=11-0752_MICS0336_True_and_Correct_Assignment_22FEB2012#page2.tif source=11-0752_MICS0336_True_and_Correct_Assignment_22FEB2012#page3.tif source=11-0752_MICS0336_True_and_Correct_Assignment_22FEB2012#page4.tif source=11-0752_MICS0336_True_and_Correct_Assignment_22FEB2012#page5.tif

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 "BOOLEAN LOGIC IN A STATE MACHINE LATTICE" 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 Ap	plication Information
U.S. Provisional Application Serial No.	_, filed on
U.S. Non-Provisional Application Serial No.	3/327,510, filed on December 15, 2011
International Application Serial No.	filed on
International Application Serial No.	summer of the on summer and the second s

Page 1 of 4

/		PATENT MICS:0336 /2011-0752
(Signature):	1 $($ $)$	Date: 1/20/12
Name: Harold B N	oyes	Date/
STATE OF I daho	§	
COUNTY OF Adamminu		
the entity on penalisor wancesheeperson(s)	a a tea, executed the instrument of	$\frac{4 \times 1}{2}$, 20 <u>1</u> , personally appeared Harold B Noyes who proved is/are subscribed to in the attached instrument and acknowledged to me and that by his/her/their signature(s) on the instrument the person(s), or of his/her/their own free will for the purposes and consideration therein
expressed.	•	Dian Feldra
[SEAU]	/	Notary or Consular Officer
The OF Y	2007)), 2007)), 2007)	
(Signature):		Date:
Name: David R. Bi	rown	
STATE OF	§	
STATE OF COUNTY OF	§	
to me on the basis of satisfactory evidence t that he/she/they executed the same in his/h	to be the person(s) whose name(s) er/their authorized capacity(ies),	, 20_, personally appeared David R. Brown who proved is/are subscribed to in the attached instrument and acknowledged to me and that by his/her/their signature(s) on the instrument the person(s), or of his/her/their own free will for the purposes and consideration therein
[SEAL]		Notary or Consular Officer
	· · · · · · · · · · · · · · · · · · ·	
(Signature):		Date:
Name: Paul Glende	enning	
STATE OF	8	l
COUNTY OF	§	
proved to me on the basis of satisfactor	v evidence to be the person(s)	, 20_, personally appeared Paul Glendenning who whose name(s) is/are subscribed to in the attached instrument and authorized capacity(ies), and that by his/her/their signature(s) on the
acknowledged to me that he/she/they exe	shalf of which the person(s) acted	I, executed the instrument of his/her/their own free will for the purposes

(Signature):	Date:
(Signature):Name: Harold B Noyes	
STATE OF	8
that he/she/they executed the same in his/her/their authorized	day of, 20, personally appeared Harold B Noyes who proved ((s) whose name(s) is/are subscribed to in the attached instrument and acknowledged to me zed capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or d the instrument of his/her/their own free will for the purposes and consideration therein
[SEAL]	Notary or Consular Officer
(Signature):	Date: 1/19/2012
that be/she/they executed the same in his/her/their authorit	day of <u>January</u> , 20 Personally appeared David R. Brown who proved (s) whose name(s) is/are subscribed to in the attached instrument and acknowledged to me zed capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or d the instrument of his/her/their own/free will for the purposes and consideration therein MMMMU AMM Notary of Consular Officer
Signature): Name: Paul Glendenning	Date:
STATE OF	- § § _ §
acknowledged to me that he/she/they executed the same	be the person(s) whose name(s) is/are subscribed to in the attached instrument and e in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the the person(s) acted, executed the instrument of his/her/their own free will for the purposes

PATENT MICS:0336 /2011-0752

Signature):	Date:
Signature):Name: Harold B Noyes	
STATE OF	8
COUNTY OF	
acknowledged to me that he/she/they executed the sa	day of, 20, personally appeared Harold B Noyes where to be the person(s) whose name(s) is/are subscribed to in the attached instrument and ame in his/her/their authorized capacity(ics), and that by his/her/their signature(s) on the which the person(s) acted, executed the instrument of his/her/their own free will for the subscriber own free will for the s
[SEAL]	Notary or Consular Officer
Signature); Name: David R. Brown	Date:
Name: David R. Brown	
STATE OF	*
COUNTY OF	
antenny ladged to me that he/she/they executed the sa	to be the person(s) whose name(s) is/are subscribed to in the attached instrument ar ame in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the which the person(s) acted, executed the instrument of his/her/their own free will for the
[SEAL]	Notary or Consular Officer
Signature): Paul Glendenning	Date:
STATE OF California COUNTY OF Santa Clara	§ 6
COUNTY OF Santa Clara	
who proved to me on the basis of satisfactory eviden-	<u>-14⁴</u> day of <u>February</u> , 2012/personally appeared Paul Glendennin ace to be the person(s) whose name(s) is/arc subscribed to in the attached instrument a ame in his/her/their authorized capacity(les), and this/by his/her/their signature(s) on t which the person(s) acted, executed the instrument of his/her/their own free will for t
ISPALL PATTI M. HAIR	Notar for Consular Officer
NOTARY PUBLIC-CALIFORN SANTA CLARA COUNTY My Comm. Expires OCTOBER 9.	2015

Page 2 of 4

Ϊ.

.

PATENT MICS:0336/2011-0752

(Signature):	Joene	Xu
Name	i Irene J. Xu	

2/14/2012 Date:

Etta IN Stars. Notary or Consular Officer

STATE OF California \$
COUNTY OF Santa Clara
BEPORE ME, the undersigned authority, on this 14 th day of February and 12 and 12 personally appeared livene J. Xu whi
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 ho/shc/hey oxecuted the same in his/her/their authorized capacity(ies), and that by his/her/inoir signatures) on the
instrument the person(s), or the entity on behalf of which the person(s) acted, executed the instrument of his/hor/their own tree will for the
purposes and consideration therein expressed.

[SEAL]

Page 3 of 4

RECORDED: 02/22/2012