503246606 04/01/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY A. KESSENICH	06/02/2014
JOEMAR SINIPETE	05/30/2014
CHIMING CHU	05/30/2014
JASON L. NEVILL	05/30/2014
KENNETH W. MARR	05/30/2014
RENATO C. PADILLA	05/30/2014

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

Property Type	Number
Application Number:	14302782

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	M3400.831.101
NAME OF SUBMITTER:	THOMAS W. LEFFERT
SIGNATURE:	/Thomas W. Leffert/
DATE SIGNED:	04/01/2015

503246606 PATENT REEL: 035353 FRAME: 0862

Total Attachments: 7 source=SignedAssignment#page1.tif source=SignedAssignment#page2.tif source=SignedAssignment#page3.tif source=SignedAssignment#page4.tif source=SignedAssignment#page5.tif source=SignedAssignment#page6.tif source=SignedAssignment#page7.tif

PATENT REEL: 035353 FRAME: 0863

ASSIGNMENT 2633 NG 51 St., Vancouver, WA

WHEREAS, we Jeffrey A. Kessenich, residing at 10159 W. Mossy Cup St., Boise, Idaho 83709, and Joennar Sinipete, residing at 5810 S. Arctic Way. Boise, Idaho, 83709 and Chimine Churesiding at 5536 S. Ulex Pl., Boise, Idaho, 83716 and Jason L. Neville, residing at 4743 Chex Way. Boise, Idaho, 83709, and Kenneth W. Marr, residing at 1361 Hancock Dr., Boise, Idaho, 83706 and Renato C. Padillo, 6190 S. Hollvhock Way, Boise, Idaho, 83716 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 PROGRAM OPERATIONS WITH EMBEDDED DEAK. CHECKS.

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 8600 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 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 Conventions 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 de 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.

PATENT REEL: 035353 FRAME: 0864

Docket No.: M3400.831.101 Soriel No.: "Udknown" Tide, PROGRAM OPERATIONS WITH EMBEDDED LEAK CHECKS

Aloran Docket No. 2011-0724.00/US: (ling Date: Herewith Man 2, of 7

IN TESTIMONY WHEREO				f - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 1
	Jeff	oy A, K essenici	Alisan	<u>ich</u>
State of Lingshington County of Mails				
On Jame B. BONG 10 Fever A. Vicssenic be the person(s) whose name(s) is/	h, who pro	ved to me on th	e basis of satisfac	nory evidence to
that he/she/they executed the same signature(s) on the instrument the	in his/her/thei	r authorized cap	acity(ies), and th	at by his/her/their
executed the instrument. WITNESS my hand and official se				
Notary or Consular Officer \(\sum_{\text{(Seal)}} \)	L CAA	MILIOS		
NO WILLIAM				

PATENT REEL: 035353 FRAME: 0865 Docket No.: M3400,831,101 Serial No.: Unknown

Title: PROGRAM OPERATIONS WITH EMBEDDED LEAK CHECKS

Micron Docket No. 2011-0724.00/US Filing Date: Herewith

Page 3 of 7

	IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of May, 2014.
	Kemar Sinipete
(State of Ilaho County of Ada
b ti	on 30 May 2019 before me, Jawas Sowe appeared The provided 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 albama Slow with of Consular Officer My commission we follow: 8/25/2014
W.	

Docket No.: M3400.831,101 Serial No.: Unknown

Tids: PROGRAM OPERATIONS WITH EMBEDDED LEAK CHECKS

Micron Docket No. 2011-0724.00/US Filing Date: Herowith

Page 4 of 7

IN TESTIMONY WHERE	·	unto set my ha	and this <u>50</u>	_day of _ <u>Ma</u>	<u>.,</u> 2014.
State of The County of Administration of Adminis	, who pro s/are subscribed e in his/her/the	ir authorized	n the basis of n instrument : capacity(ies)	and acknowle , and that by	edged to me his/her/their
WITNESS my hand and official Notation Consular Officer	www.s.bn.ex	ve_ pire: 8/2	0/244		
(PUBLIC)					

Docket No.: M3400.831,101 Serial No.: Unknown

Title: PROGRAM OPERATIONS WITH EMBEDDED LEAK CHECKS

Micron Docket No. 2011-0724.00/US Filing Date: Herewith Page 5 of 7

IN TESTIMONY WHERE	OF, I have hereu	nto set my hand this SO day	7 or <u>7 v (a.c.)</u> , 2014.
State of County of Alaman County of Alaman Con Bo May 2014 be the person(s) whose name(s) that he/she/they executed the sar signature(s) on the instrument the executed the instrument.	is/are subscribed ne in his/her/thei	r authorized capacity(ies), and	acknowledged to me d that by his/her/their
WITNESS my hand and official Notary or Consular Officer	alpres of ex	PINEN: 8/24/2014	

Docket No.: M3400.831.101 Soriel No.: Unknown

Title: PROGRAM OPERATIONS WITH EMBEDDED LEAK CHECKS

Micron Docket No. 2011-0724.00/US Filing Date: Herewith Page 6 of 7

IN TESTIMONY WHEREOF, I have h	hereunto set my hand this 50 day of _	<u>May</u> ,2014.
	Kenneth W. Marr	mennestide de de de
State of Jako County of Alac On 30 May 2019 before n Eure M May who be the person(s) whose name(s) is/are subscribat he/she/they executed the same in his/her signature(s) on the instrument the person(s), executed the instrument.	ribed to the within instrument and ackno t/their authorized capacity(ies), and that	wledged to me by his/her/their
Will and and official scal. No substitution of the substitution o	Japine: 8/2014	

Docket No.: M3400.831.101 Serial No.: Unknown

Title: PROGRAM OPERATIONS WITH EMBEDDED LEAK CHECKS

Micron Docket No. 2011-0724.00/US Filing Date: Herowith Page 7 of 7

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of 1024, 2014.

State of	#daho				
County o	f Ada.			_	
On In	y 20 12014 Palle rson(s) whose name(s)	before me,	DIENE Fel	dman	appeared
RONATO	S Pad Na	, who pi	roved to me on th	e basis of satis	factory evidence to
be the pe	rson(s) whose name(s)	is/are subscribe	d to the within in	strument and a	cknowledged to me
that he/si signature	ne/they executed the sa (s) on the instrument the the instrument.	me in his/her/the	eir authorized cap	acity(les), and	that by his/her/thei
WITNES	S my hand and officia	seal.	. 4		
Notary or	Consular Officer 🔏	inne Ed	down		
(Seal)	Consular Officer	Olumission k	Expires: 5/	2/19	
SILE	FELD				

PATENT

REEL: 035353 FRAME: 0870

RECORDED: 04/01/2015