505463922 05/07/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5510725

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INOTERA MEMORIES, INC.	02/22/2017

RECEIVING PARTY DATA

Name:	MICRON TECHNOLOGY, INC.
Street Address:	8000 SOUTH FEDERAL WAY
Internal Address:	MAILSTOP 1-507
City:	BOISE
State/Country:	IDAHO
Postal Code:	83707-0006

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16405319

CORRESPONDENCE DATA

Fax Number: (801)531-9168

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.

Phone: 8015321922

Email: djpfeil@traskbritt.com

Correspondent Name: TRASK BRITT P.C./ MICRON TECHNOLOGY

Address Line 1: P.O. BOX 2550

Address Line 4: SALT LAKE CITY, UTAH 84110

ATTORNEY DOCKET NUMBER:	2269-13573.2(INOT-0217.02
NAME OF SUBMITTER:	KATHERINE A. HAMER
SIGNATURE:	/Katherine A. Hamer/
DATE SIGNED:	05/07/2019

Total Attachments: 6

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CONFIRMATORY ASSIGNMENT AGREEMENT

WHEREAS, Inotera Memories, Inc., a company incorporated under the laws of the Republic of China (the "R.O.C."), having an address of 667, Fuhsing 3rd Road, Hwa-Ya Technology Park, Kueishan, Taoyuan, Taiwan, R.O.C. (hereinafter referred to as the "Assignor") and Micron Technology, Inc., a Delaware corporation, having an address of 8000 S. Federal Way, Boise, Idaho 83707 (hereinafter referred to as the "Assignee") entered into a Design Engineering Services Agreement as of December 1, 2016.

WHEREAS, pursuant to the Design Engineering Services Agreement, Assignor irrevocably assigned, gave, granted, transferred, set over, conveyed and delivered to the Assignee, and the Assignee accepted, inter alia, all rights in, arising out of, or associated with any and all US and foreign patents issued by the patent-granting authority in any country in the world, together with any and all reissues, divisional, renewals, extensions, provisionals, continuations, continuations-in-part, reexaminations, post-grant reviews, foreign counterparts or equivalents of any of the foregoing, wherever and whenever existing, that were owned by or made or created by or on behalf of the Assignor before or during the term of the Design Engineering Services Agreement (hereinafter referred to as the "Assignor's Intellectual Property Rights").

WHEREAS, the Assignor's Intellectual Property Rights include, but are not limited to the U.S. Patent assets listed in Exhibit A.

WHEREAS, the Assignor and Assignee desire to confirm the prior assignment of the Assignor's Intellectual Property Rights to the Assignee.

NOW, THERFORE, for and in consideration of good and valuable consideration the receipt, the sufficiency and adequacy of which are hereby acknowledged, Assignor does hereby confirm having assigned, given, granted, transferred, set over, conveyed and delivered to the Assignee, its successors, assigns and legal representatives, all right, title and interest in and to the Assignor's Intellectual Property Rights, including the patent assets specifically identified above, together with any and all continuations, continuation-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current and future infringement thereof.

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IN WTINESS WHEREOF, Assignor has caused this Assignment to be executed by its

File Number	Country	Signer	Application Number	Filing Date	Patent Number	Issue Date
NOT-0003.00/US	US	Issued	11/556,198	11/3/2006	7,538,322	5/26/2009
NOT-0005.00/US	US	Issued	11/939,560	11/14/2007	8,010,914	8/30/2011
NOT-0007.00/US	US	Issued	12/139,426	6/13/2008	7,829,403	11/9/2010
NOT-0008.00/US	US	Issued	12/244,343	10/2/2008	8,110,475	2/7/2012
NOT-0010.00/US	US	Issued	12/052,432	3/20/2008	7,988,216	8/2/2011
NOT-0012.00/US	US	Issued	12/179,379	7/24/2008	7,709,37	5/4/2010
NOT-0013.00/US	US	Issued	12/166,245	7/1/2008	7,908,024	3/15/2011
NOT-0014.00/US	US	Issued	12/241,568	9/30/2008	8,010,212	8/30/2011
NOT-0017.00/US	US	Issued	12/243,370	10/1/2008	7,904,195	3/8/2011
NOT-0020.00/US	US	Issued	13/170,229	6/28/2011	8,649,990	2/11/2014
NOT-0024.00/US	US	Issued	12/429,979	4/24/2009	8,294,189	10/23/2012
NOT-0025.00/US	US	Issued	12/243,323	10/1/2008	8,655,483	2/18/2014
NOT-0026.00/US	US	Issued	12/243,301	10/1/2008	8,090,668	1/3/2012
NOT-0029.00/US	US	Issued	12/327,218	12/3/2008	8,013,748	9/6/2011
NOT-0031.00/US	US	Issued	12/258,694	10/27/2008	7,772,015	8/10/2010
NOT-0033.00/US	US	Issued	12/235,901	9/23/2008	7,806,955	10/5/2010
NOT-0034.00/US	US	Issued	12/458,303	7/8/2009	8,192,251	6/5/2012
NOT-0036.00/US	US	Issued	13/228,896	9/9/2011	8,751,195	6/10/2014
NOT-0037.00/US	US	Issued	12/390,674	2/23/2009	8,090,490	1/3/2012
NOT-0038.00/US	US	Issued	12/471,734	5/26/2009	7,939,906	5/10/2011
NOT-0039.00/US	US	Issued	12/269,309	11/12/2008	8,083,463	12/27/2011
IOT-0040.00/US	US	Issued	12/415,108	3/31/2009	8,055,373	11/8/2011
IOT-0041.00/US	US	Issued	12/401,856	3/11/2009	8,052,833	11/8/2011
OT-0045.00/US	US	Issued	13/033,850	2/24/2011	8,673,083	3/18/2014
OT-0045.00/US	US	Issued	12/471,711	5/26/2009	8,170,964	5/1/2012
OT-0047.00/US	US	Issued	12/457,929			e, erre françois en erre en
OT-0047.00/03	US	Issued	12/458,302	6/25/2009	7,956,333	6/7/2011
NOT-0050:00/US	US	Issued		7/8/2009	8,265,903	9/11/2012
NOT-0052.00/US	US		12/469,051	5/20/2009	7,855,086	12/21/2010
NOT-0032.00/03 NOT-0053.00/US	US	Issued	12/507,396	7/14/2009	8,032,248	10/4/2011
NOT-0055.00/03	US	Issued	12/476,559	6/2/2009	8,244,500	8/14/2012
IOT-0055.0003	*******	Issued	12/566,974	9/25/2009	8,195,431	6/5/2012
IOT-0058.00/US	US US	Issued	12/698,322	2/2/2010	7,960,241	6/14/2011
************************************	inimination in the second in the second	Issued	12/700,088	2/4/2010	8,088,668	1/3/2012
NOT-0059.00/US	US	Issued	12/700,796	2/5/2010	8,003,480	8/23/2011
NOT-0061.00/US	US	Issued	12/757,044	4/9/2010	8,498,471	7/30/2013
NOT-0062.00/US	US	Issued	12/827,082	6/30/2010	8,058,136	11/15/2011
IOT-0065.00/US	US	Issued	12/652,733	1/5/2010	8,255,178	8/28/2012
1OT-0067.00/US	US	Issued	12/725,627	3/17/2010	8,802,528	8/12/2014
1OT-0067.01/US	US	Issued	14/316,972	6/27/2014	9,000,532	4/27/2004
IOT-0070.00/US	US	Issued	12/699,399	2/3/2010	8,288,224	10/16/2012
IOT-0071.00/US	US	Issued	12/782,114	5/18/2010	8,457,779	6/4/2013
IOT-0072.00/US	US	Issued	12/703,965	2/11/2010	8,012,810	9/6/2011
IOT-0073.00/US	US	Issued	12/758,252	4/12/2010	8,330,198	12/11/2012
IOT-0074.00/US	US	Issued	12/758,289	4/12/2010	8,193,648	6/5/2012
IOT-0075.00/US	US	Issued	12/717,923	3/4/2010	8,343,871	1/1/2013
IOT-0076.00/US	US	Issued	12/954,916	11/29/2010	8,481,968	7/9/2013
IOT-0077.00/US	US	Issued	12/902,165	10/12/2010	8,513,620	8/20/2013
IOT-0078.00/US	US	Issued	12/837,819	7/16/2010	8,309,427	11/13/2012
NOT-0079.00/US	US	Issued	12/874,232	9/2/2010	8,431,933	4/30/2013

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REEL: 049822 FRAME: 0829

File Number	Cettate	Status	Application Number	Filing Date	Paten Number	Issue Date
NOT-0080.00/US	US	Issued	12/899,721	10/7/2010	8,283,709	10/9/2012
NOT-0081.00/US	US	Issued	12/963,905	12/9/2010	8,262,301	9/11/2012
NOT-0083.00/US	US	Issued	13/004,236	1/11/2011	8,332,416	12/11/2012
NOT-0085.00/US	US	Issued	13/013,061	1/25/2011	8,753,061	6/17/2014
NOT-0086.00/US	US	Issued	13/071,443	3/24/2011	8,236,464	8/7/2012
NOT-0087.00/US	US	Issued	13/102,039	5/5/2011	8,309,998	11/3/2012
NOT-0088.00/US	US	Issued	13/081,567	4/7/2011	8,901,660	12/2/2014
NOT-0089.00/US	US	Issued	13/085,493	4/13/2011	8,623,738	1/7/2014
NOT-0090.00/US	US	Issued	13/039,523	3/3/2011	8,455,319	6/4/2013
NOT-0091.00/US	US	Issued	13/241,281	9/23/2011	8,783,294	7/22/2014
NOT-0092.00/US	US	Issued	13/348,734	1/12/2012	8,426,810	4/23/2013
NOT-0094.00/US	US	Issued	13/231,968	9/14/2011	8,466,504	6/18/2013
NOT-0095.00/US	US	Issued	13/240,305	9/22/2011	8,510,610	8/13/2013
NOT-0096.00/US	US	Issued	13/240,348	9/22/2011	8,756,028	6/17/2014
NOT-0098.00/US	US	Issued	13/210,533	8/16/2011	8,596,200	12/3/2013
NOT-0100.00/US	US	Issued	13/224,561	9/2/2011	8,373,220	2/12/2013
NOT-0101.00/US	US	Issued	13/297,276	11/16/2011	8,486,801	7/16/2013
NOT-0102.00/US	US	Issued	13/343,668	1/4/2012	8,471,320	6/25/2013
NOT-0103.00/US	US	Issued	13/241,295	9/23/2011	8,298,892	10/30/2012
NOT-0106.00/US	US	Issued	13/342,201	1/3/2012	8,604,620	12/10/2013
NOT-0107.00/US	US	Issued	13/282,593	10/27/2011	8,455,363	6/4/2013
NOT-0110.00/US	US	Issued	13/282,771	10/27/2011	8,873,280	10/28/2014
NOT-0111.00/US	US	Issued	13/285,033	10/31/2011	8,651,025	2/18/2014
NOT-0112.00/US	US	Issued	13/304,741	11/28/2011	8,858,150	10/14/2014
NOT-0113.00/US	US	Issued	13/336,258	12/23/2011	8,831,765	9/9/2014
NOT-0114.00/US	US	Issued	13/420,623	3/15/2012	8,892,278	11/18/2014
NOT-0115.00/US	US	Issued	13/470,362	5/14/2012	9,022,232	5/5/2015
NOT-0118.00/US	US	Issued	13/421,996	3/16/2012	8,703,575	4/22/2014
NOT-0121.00/US	US	Issued	13/476,251	5/2/2012	8,557,673	10/15/2013
NOT-0122.00/US	US	Issued	13/426,825	3/22/2012	8,779,494	7/15/2014
NOT-0124.00/US	US	Issued	13/426,832	3/22/2012	8,703,562	4/22/2014
NOT-0126.00/US	US	Issued	13/742,533	1/16/2013	9,209,056	12/8/2015
NOT-0127.00/US	US	Issued	13/875,442	5/2/2013	8,828,843	9/9/2014
NOT-0128.00/US	US	Issued	14/198,783	3/6/2014	9,053,928	6/9/2015
NOT-0130.00/US	US	Issued	13/831,879	3/15/2013	9,070,782	6/30/2015
NOT-0131.00/US	US	Issued	13/831,907	3/15/2013	8,772,838	7/8/2014
NOT-0132.00/US	US	Issued	14/025,805	9/12/2013	9,105,505	8/11/2015
NOT-0134.00/US	US	Issued	13/831,763	3/15/2013	8,716,661	5/6/2014
NOT-0135.00/US	US	Issued	14/025,087	9/12/2013	9,035,366	5/19/2015
NOT-0136.00/US	US	Issued	13/921,260	6/19/2013	9,070,740	7/30/2015
NOT-0137.00/US	US	Issued	14/026,117	9/13/2013	9,129,849	9/8/2015
NOT-0141.00/US	US	Issued	14/165,790	1/28/2014	9,048,134	6/2/2015
NOT-0143.00/US	US	Issued	14/144,560	12/31/2013	9,257,317	2/9/2016
NOT-0145.00/US	US	Issued	14/504,385	10/1/2014	9,257,553	2/9/2016
NOT-0146.00/US	US	Issued	14/702,771	5/4/2015	9,466,713	10/11/2016
NOT-0147.00/US	US	Issued	14/228,727	3/28/2014	9,349,736	5/24/2016
NOT-0148.00/US	US	Issued	14/201,932	3/10/2014	9,018,733	4/28/2015
NOT-0150.00/US	ÜS	Issued	14/272,804	5/8/2014	9,184,166	11/10/2015
NOT-0151.00/US	US	Issued	14/251,765	4/14/2014	9,230,967	1/5/2016

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REEL: 049822 FRAME: 0820

File Number	Country	Status	Application	Filing Date		Issue Date
NOT-0152.00/US	US	Issued	14/251,792	4/14/2014	Nitimate) 9,299,710	3/29/2016
NOT-0153.00/US	US	Issued	14/256,033	4/18/2014	9,312,262	4/12/2016
NOT-0154.00/US	US	Issued	14/495,864	9/24/2014	9,360,401	6/7/2016
NOT-0155.00/US	US	Issued	14/221,301	3/21/2014	9,184,059	11/10/2015
NOT-0158.00/US	US	Issued	14/289,936	5/29/2014	9,496,358	11/15/2015
NOT-0165.00/US	US	Issued	14/667,676	3/24/2015	9,465,048	10/11/2016
NOT-0166.00/US	US	Issued	14/505,490	10/2/2014	9,171,847	
NOT-0100.00/03	US	Issued	14/664,932	3/23/2015	9,397,048	7/19/2016
NOT-0171.00/US	US	Issued	14/803,100	7/19/2015	9,472,664	10/18/2016
NOT-0173.00/US	US	Issued	14/877,889	10/7/2015	9,379,197	6/28/2016
NOT-0177.00/05 NOT-0180.00/US	US		anna Marian ann an ann an ann an ann an ann an an	are constitue de la constitue d	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************
NOT-0180.00/03 NOT-0187.00/US	US	Issued	14/720,830	5/24/2015	9,401,326	7/26/2016
NOT-0187.00/03 NOT-0192.00/US		Issued	14/814,524	7/31/2015	9,543,270	1/10/2017
NOT-0192.00/03 NOT-0194.00/US	US US	Issued	14/810,415	7/27/2015	9,449,935	9/20/2016
	amment and a second and a second	Issued	14/720,840	5/25/2015	9,455,243	9/27/2016
NOT-0196.01/US	US	Issued	15/134,396	4/21/2016	9,437,583	9/6/2016
NOT-0198.00/US	US	Issued	14/745,473	6/22/2015	9,520,333	12/13/2016
NOT-0208.00/US	US	Issued	14/877,949	10/8/2015	9,449,953	9/20/2016
NOT-0216.00/US	US	Issued	14/996,240	1/15/2016	9,419,001	8/16/2016
NOT-0149.00/US	US	Pending	14/249,469	4/10/2014		
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NOT-0182.00/US	US	Pending	14/986,729	1/4/2016		
NOT-0183.00/US	US	Pending	14/810,492	7/28/2015		
NOT-0184.00/US	US	Pending	15/002,404	1/21/2016		
NOT-0185.00/US	US	Pending	15/013,995	2/2/2016		
NOT-0186.00/US	US	Pending	14/923,449	10/27/2015		
NOT-0188.00/US	US	Pending	14/731,426	6/5/2015		
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NOT-0190.00/US	US	Pending	14/731,380	6/4/2015		····
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NOT-0196.00/US	US	Pending	14/735,127	6/9/2015		
NOT-0197.00/US	US	Pending	14/730,231	6/3/2015		
NOT-0199.00/US	US	Pending	14/883,632	10/15/2015		
NOT-0200.00/US	US	Pending	15/002,405	1/21/2016		
NOT-0201.00/US	US	Pending	14/848,357	9/9/2015		
NOT-0202.00/US	US	Pending	14/990,776	1/7/2016		
NOT-0204.00/US	US	Pending	14/989,782	1/6/2016		
NOT-0205.00/US	US	Pending	14/941,665	11/16/2015		
NOT-0207.00/US	US	Pending	15/003,812	1/22/2016		
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NOT-0211.00/US	US	Pending	15/003,765	1/21/2016		
NOT-0212.00/US	US	Pending	14/992,013	1/10/2016		
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NOT-0217.00/US	US	Pending	15/155,090	5/16/2016		***************************************
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CONFIRMATORY ASSIGNMENT AGREEMENT - page 5 PATENT

REEL: 049800 FRAME: 0825

File Number	Country	Status	Application	Filing Date	Pateni	Issue Date
			Number		Number	
NOT-0221.00/US	US	Pending	15/060,577	3/3/2016		
INOT-0222.00/US	US	Pending	15/069,911	3/14/2016		
INOT-0223.00/US	US	Pending	15/060,609	3/4/2016		
INOT-0224.00/US	US	Pending	15/002,401	1/21/2016		
INOT-0224.01/US	US	Pending	15/253,894	9/1/2016		
INOT-0225.00/US	US	Pending	15/015,131	2/4/2016		
NOT-0226.00/US	US	Pending	15/047,632	2/19/2016		
NOT-0227.00/US	US	Pending	15/068,649	3/14/2016		
INOT-0227.01/US	US	Pending	15/296,058	10/18/2016		
INOT-0228.00/US	US	Pending	15/219,265	7/25/2016		
NOT-0229.00/US	US	Pending	15/093,734	7/25/2016		
NOT-0230.00/US	US	Pending	15/135,539	4/21/2016		
NOT-0231.00/US	US	Pending	15/098,341	4/14/2016		
NOT-0232.00/US	US	Pending	15/151,503	5/11/2016		
NOT-0233.00/US	US	Pending	15/242,594	8/21/2016		
NOT-0234.00/US	US	Pending	15/291,086	10/12/2016		
NOT-0235.00/US	US	Pending	15/286,582	10/6/2016		
NOT-0236.00/US	US	Pending	15/296,053	10/18/2016		
NOT-0237.00/US	US	Pending	15/342,124	11/3/2016		
NOT-0244.00/US	US	Pending	14/977,645	12/22/2015		
NOT-0157.00/US	US	Abandoned	14/290,987	5/30/2014		
NOT-0162.00/US	US	Abandoned	14/509,151	10/8/2014	***************************************	
NOT-0176.00/US	US	Abandoned	14/742,682	6/17/2015		
NOT-0178.00/US	US	Abandoned	14/714,334	5/17/2015		
NOT-0206.00/US	US	Abandoned	14/835,687	8/25/2015		
NOT-0209.00/US	US	Abandoned	14/989,813	1/7/2016		
NOT-0214.00/US	US	Abandoned	14/992,020	1/11/2016		

RECORDED: 02/07/2019

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