

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5061198

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
U.S. BANK NATIONAL ASSOCIATION, AS AGENT	06/29/2018

RECEIVING PARTY DATA

Name:	MICRON TECHNOLOGY, INC.
Street Address:	8000 S. FEDERAL WAY
City:	BOISE
State/Country:	IDAHO
Postal Code:	83707

PROPERTY NUMBERS Total: 234

Property Type	Number
Application Number:	15584226
Application Number:	14857305
Application Number:	15606624
Application Number:	15602627
Application Number:	15596288
Application Number:	15598199
Application Number:	15637328
Application Number:	15597033
Application Number:	15618935
Application Number:	15497032
Application Number:	15592436
Application Number:	15585964
Application Number:	15583411
Application Number:	15645635
Application Number:	15438499
Application Number:	15594392
Application Number:	15598051
Application Number:	15624551
Application Number:	15644401
Application Number:	15645009

PATENT

Property Type	Number
Application Number:	15498321
Application Number:	15643361
Application Number:	15605542
Application Number:	15581374
Application Number:	15590593
Application Number:	15606312
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Application Number:	15627212
PCT Number:	US1736560
Application Number:	15627242

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Property Type	Number
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Application Number:	15606080
Application Number:	15497100
Application Number:	14841372
Application Number:	15589320
Application Number:	15494213
Application Number:	15495354
Application Number:	15594627
Application Number:	15631162
Application Number:	15495808

CORRESPONDENCE DATA

Fax Number: (415)947-2099

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ATTORNEY DOCKET NUMBER:	4816.238
NAME OF SUBMITTER:	QUI LU FLOOD
SIGNATURE:	/Qui Lu Flood/
DATE SIGNED:	07/20/2018

Total Attachments: 13

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RELEASE OF SECURITY INTEREST IN PATENT RIGHTS

This RELEASE OF SECURITY INTEREST IN PATENT RIGHTS ("Release"), effective as of June 29, 2018, given by **U.S. BANK NATIONAL ASSOCIATION**, as Collateral Agent ("Agent"), to **MICRON TECHNOLOGY, INC.**, a Delaware corporation ("Grantor"), as follows:

W I T N E S S E T H

WHEREAS, the Grantor and MICRON SEMICONDUCTOR PRODUCTS, INC., an Idaho corporation, have entered into that certain Indenture, dated as of April 26, 2016 (as amended, restated, supplemented or otherwise modified from time to time, the "Indenture"), with Collateral Agent and U.S. Bank National Association, as trustee;

WHEREAS, in connection with the Indenture, the Grantor executed that certain Security Agreement, dated as of April 26, 2016 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"), and granted to the Agent a security interest in the United States patents and patent applications set forth on Schedule A attached hereto (the "Patents") to secure the Obligations (as defined in the Security Agreement);

WHEREAS, in furtherance of the Security Agreement, the Grantor executed a Supplement No. 5 to Patent Security Agreement dated July 21, 2017 (the "Patent Security Agreement"), which was recorded by the U.S. Patent and Trademark Office on August 8, 2017, at Reel / Frame no. 043483 / 0686; and

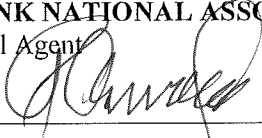
WHEREAS, the Agent wishes to release and restore all right, title and interest in and to the Patents to the Grantor and to terminate the encumbrance created by the Patent Security Agreement and the Security Agreement in respect of the Patents.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Agent hereby terminates, releases, cancels, relinquishes and discharges the security interest in the Patents created by the Patent Security Agreement and the Security Agreement and reassigns all right, title and interest it has in the Patents to the Grantor.

THIS RELEASE SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK AND SHALL BE BINDING UPON THE GRANTOR'S AND THE COLLATERAL AGENT'S REPRESENTATIVES, SUCCESSORS, ASSIGNS AND TRANSFEREES.

IN WITNESS WHEREOF, the undersigned, by and through its authorized officer, has caused this Release to be executed under seal on the date first written above.

U.S. BANK NATIONAL ASSOCIATION, as
Collateral Agent

By: 
Name: **Paula Oswald**
Vice President

[Signature page to Patent Release – Supplement No. 5]

PATENT
REEL: 046597 FRAME: 0402

SCHEDULE A

Patents

Supplemental Patent Schedule as of July 21, 2017

File Number	Jurisdiction	Application #	PTO Status	Patent #
2002-0446.00	DE	03767100.5	Issued	603 50 248.2
2002-0446.00	FR	03767100.5	Issued	1546885
2002-0446.00	GB	03767100.5	Issued	1546885
2004-0074.05	US	15584226	Filed	
2004-0149.00	DE	04795714.7	Issued	1782467
2004-0149.00	FR	04795714.7	Issued	1782467
2004-0149.00	GB	04795714.7	Issued	1782467
2004-1304.00	DE	06718008.3	Issued	1842233
2004-1304.00	FR	06718008.3	Issued	1842233
2004-1304.00	GB	06718008.3	Issued	1842233
2004-1304.01	EP	17163986.7	Filed	
2005-0988.00	DE	07795774.4	Filed	
2005-0988.00	FR	07795774.4	Filed	
2005-0988.00	GB	07795774.4	Filed	
2005-0988.00	NL	07795774.4	Filed	
2005-0988.01	DE	10188107.6	Issued	2284837
2005-0988.01	FR	10188107.6	Issued	2284837
2005-0988.01	GB	10188107.6	Issued	2284837
2005-0988.01	NL	10188107.6	Issued	2284837
2006-0007.00	DE	07760564.0	Issued	60 2007 051 045.7
2006-0007.00	FR	07760564.0	Issued	1546885
2006-0007.00	GB	07760564.0	Issued	1546885
2006-0007.00	NL	07760564.0	Issued	1546885
2006-0167.01	US	14/857,305	Issued	9704542
2006-1097.02	US	15/606,624	Filed	
2007-0389.04	US	15/602627	Filed	
2007-0523.00	DE	09712720.3	Issued	2245658
2007-0523.00	FR	09712720.3	Issued	2245658
2007-0523.00	GB	09712720.3	Issued	2245658
2007-0539.00	DE	08854463.0	Allowed	
2007-0539.00	FR	08854463.0	Allowed	
2007-0539.00	GB	08854463.0	Allowed	
2007-0909.04	US	15/596288	Filed	
2007-1067.03	US	15/598,199	Filed	
2008-0098.03	US	15/637,328	Filed	
2008-0099.00	DE	09774013.8	Filed	
2008-0099.00	FR	09774013.8	Filed	
2008-0099.00	GB	09774013.8	Filed	
2008-0112.02	US	15/597,033	Filed	
2008-0573.00	DE	10733911.1	Issued	2389633
2008-0573.00	FR	10733911.1	Issued	2389633
2008-0573.00	GB	10733911.1	Issued	2389633

Supplemental Patent Schedule as of July 21, 2017

File Number	Jurisdiction	Application #	PTO Status	Patent #
2008-0573.02	TW	106114950	Filed	
2009-0186.02	US	15/618,935	Filed	
2009-0324.01	US	15/497,032	Filed	
2009-0560.02	US	15/592,436	Filed	
2010-0080.01	KR	10-2017-7014462	Filed	
2010-0118.02	US	15585964	Filed	
2010-0307.03	US	15/583,411	Filed	
2010-0464.00	NL	12823667.6	Filed	
2010-0464.01	EP	16197569.3	Filed	
2010-0476.02	US	15/645,635	Filed	
2010-0513.01	CN	201710243903.6	Filed	
2010-0599.02	US	15/438,499	Filed	
2010-0663.01	CN	201710190131.4	Filed	
2010-0739.02	US	15/594,392	Filed	
2011-0143.01	US	15/598,051	Filed	
2011-0154.01	CN	201710445168.7	Filed	
2011-0167.02	US	15/624,551	Filed	
2011-0190.01	SG	will follow	Filed	
2011-0417.01	US	15644401	Filed	
2011-0432.01	CN	201710362821.3	Filed	
2011-0441.02	US	15/645,009	Filed	
2011-0598.01	US	15/498,321	Filed	
2011-0672.01	US	15/643,361	Filed	
2011-0751.03	US	15/605,542	Filed	
2011-0850.02	US	15/581,374	Filed	
2011-0919.02	US	15/590,593	Filed	
2011-0925.02	JP	2017-138203	Filed	
2011-0931.04	US	15/606312	Filed	
2012-0053.03	US	15/642,577	Filed	
2012-0199.01	US	15/646,874	Filed	
2012-0204.01	US	15637961	Filed	
2012-0408.00	CN	201580055872.0	Published	
2012-0408.00	KR	10-2017-7012844	Filed	
2012-0413.01	US	15626915	Filed	
2012-0647.01	US	15/645,252	Filed	
2012-0694.01	US	15/620,490	Filed	
2012-0753.01	US	15/635,814	Filed	
2012-0779.02	US	15/607,095	Filed	
2012-0780.01	US	15/604,871	Filed	
2013-0041.01	US	15/610,281	Filed	
2013-0048.00	CN	201580011706.0	Filed	
2013-0048.00	KR	10-2016-7022761	Filed	

Supplemental Patent Schedule as of July 21, 2017

File Number	Jurisdiction	Application #	PTO Status	Patent #
2013-0084.02	US	15/598,103	Filed	
2013-0086.02	US	15/635,945	Filed	
2013-0142.01	US	15/601919	Filed	
2013-0153.03	US	15/632,065	Filed	
2013-0155.02	US	15/609,481	Filed	
2013-0171.02	US	15/606,601	Filed	
2013-0182.00	CN	201480072099.4	Filed	
2013-0193.01	US	15/642,723	Filed	
2013-0198.02	US	15/604,757	Filed	
2013-0303.02	US	15/609,286	Filed	
2013-0319.00	CN	201580019493.6	Filed	
2013-0319.00	KR	10-2016-7027969	Filed	
2013-0319.00	SG	201607218-?	Filed	
2013-0331.01	US	15644297	Filed	
2013-0413.02	US	15/588,301	Filed	
2013-0429.00	KR	10-2016-7030866	Filed	
2013-0446.00	JP	2017-535909	Filed	
2013-0497.00	EP	15773393.2	Filed	
2013-0512.01	US	15/646,903	Filed	
2013-0552.00	CN	201580055998.8	Filed	
2013-0552.00	KR	10-2017-7012908	Filed	
2013-0574.01	US	15/584413	Filed	
2013-0608.01	US	15/589,871	Filed	
2013-0631.01	US	15/601,792	Filed	
2013-0632.01	US	15/619,966	Filed	
2013-0651.02	US	15/596397	Filed	
2013-0661.00	CN	201580060540.1	Filed	
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2013-0661.00	SG	11201703709X	Filed	
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2014-0021.00	PC	PCT/US17/36560	Filed	
2014-0021.00	TW	106119235	Filed	
2014-0054.01	US	15/642,673	Filed	
2014-0060.02	US	15/627,212	Filed	

Supplemental Patent Schedule as of July 21, 2017

File Number	Jurisdiction	Application #	PTO Status	Patent #
2014-0071.01	US	15/627,242	Filed	
2014-0073.00	CN	201580054326.5	Published	
2014-0074.00	JP	2017-525331	Filed	
2014-0087.00	CN	201480082104.X	Published	
2014-0112.00	CN	201580065688.4	Filed	
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2014-0112.00	JP	2017-528872	Filed	
2014-0112.00	KR	10-2017-7017984	Filed	
2014-0118.01	US	15/651,186	Filed	
2014-0120.01	US	15/651,464	Filed	
2014-0122.01	US	15/607,020	Filed	
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2014-0229.01	US	15636379	Filed	
2014-0236.00	EP	15802804.3	Published	
2014-0240.01	KR	10-2017-7017728	Filed	
2014-0261.00	CN	201580040829.7	Published	
2014-0266.01	US	15/628,260	Filed	
2014-0270.00	CN	201580053954.1	Published	
2014-0270.00	EP	15841574.5	Filed	
2014-0275.01	US	15/627,314	Filed	
2014-0284.00	EP	15860345.6	Filed	
2014-0284.00	JP	2017-526646	Filed	
2014-0286.00	CN	201580054230.9	Filed	
2014-0286.00	KR	10-2017-7012112	Filed	
2014-0290.01	US	15/604,297	Filed	
2014-0319.00	CN	201580059645.5	Filed	
2014-0327.00	CN	201580055886.2	Published	
2014-0330.00	US	15/534,994	Filed	
2014-0333.01	US	15/642,410	Filed	
2014-0342.01	US	15/583,678	Filed	
2014-0343.00	EP	15878288.8	Filed	
2014-0343.00	JP	2017-531503	Filed	
2014-0354.01	US	15654331	Filed	
2014-0357.00	US	15534978	Filed	
2014-0391.00	TW	106108062	Filed	
2014-0412.01	US	15/591,899	Filed	
2014-0421.00	US	15/621,102	Filed	
2014-0426.01	US	15/625,543	Filed	
2014-0464.01	US	15/645,238	Filed	
2014-0469.02	US	15/631,317	Filed	
2014-0500.00	EP	15867541.3	Filed	

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2014-0500.00	JP	2017-530077	Filed	
2014-0500.00	KR	10-2017-7015353	Filed	
2014-0505.01	US	15600526	Filed	
2014-0515.02	US	15/584371	Filed	
2014-0592.01	US	15/594,270	Filed	
2014-0606.00	TW	106108691	Filed	
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2014-0665.00	TW	106108063	Filed	
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2014-0820.00	US	15/642,148	Filed	
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2015-0204.00	PC	PCT/US2017/029420	Filed	
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2015-0207.00	TW	106110040	Filed	
2015-0218.00	TW	106110358	Filed	
2015-0250.00	TW	106111421	Filed	
2015-0268.00	TW	106108061	Filed	
2015-0271.01	US	15/583,734	Filed	
2015-0272.01	US	15617993	Filed	
2015-0290.00	TW	106108064	Filed	
2015-0304.00	PC	PCT/US2017/037172	Filed	

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2015-0304.00	TW	106120753	Filed	
2015-0306.00	PC	PCT/US2017/029099	Filed	
2015-0306.00	TW	106116854	Filed	
2015-0317.01	US	15651916	Filed	
2015-0324.00	PC	PCT/US2017/036194	Filed	
2015-0330.00	PC	PCT/US2017/035423	Filed	
2015-0330.01	US	15/611,568	Filed	
2015-0333.00	US	15/494,879	Filed	
2015-0345.00	US	15/498,071	Filed	
2015-0352.00	TW	106120028	Filed	
2015-0379.00	TW	106107449	Filed	
2015-0391.00	PC	PCT/US2017/038486	Filed	
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2015-0457.00	TW	106111869	Filed	
2015-0470.00	PC	PCT/US17/35946	Filed	
2015-0517.01	US	15/640,959	Filed	
2015-0518.00	PC	PCT/US17/32134	Filed	
2015-0518.00	TW	106118835	Filed	
2015-0518.01	US	15/652,724	Filed	
2015-0535.00	PC	PCT/US2017/036148	Filed	
2015-0535.00	TW	106121418	Filed	
2015-0574.00	PC	PCT/17/32631	Filed	
2015-0580.00	TW	106112981	Filed	
2015-0591.00	PC	PCT/US2017/035452	Filed	
2015-0591.00	TW	106120749	Filed	
2015-0591.01	US	15/641,020	Filed	
2015-0619.01	US	15/499,119	Filed	
2015-0661.00	PC	PCT/US2017/040662	Filed	
2015-0661.00	TW	106124430	Filed	
2015-0677.00	PC	PCT/US2017/040837	Filed	
2015-0680.01	US	15595056	Filed	
2015-0721.00	PC	PCT/US2017/29792	Filed	
2015-0721.01	US	15/638,718	Filed	
2015-0725.01	US	15/588994	Filed	
2016-0013.00	PR	62525106	Filed	
2016-0030.00	PC	PCT/US2017/035758	Filed	
2016-0030.01	US	15/645,106	Filed	
2016-0042.00	PC	PCT/US17/34046	Filed	
2016-0042.00	TW	106118116	Filed	
2016-0046.00	US	15/600,409	Filed	
2016-0047.00	US	15/611,369	Filed	
2016-0048.00	US	15/603,175	Filed	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2016-0051.00	PR	62/508935	Filed	
2016-0054.00	US	15/626,790	Filed	
2016-0073.00	US	15/606,185	Filed	
2016-0091.00	US	15/496,886	Filed	
2016-0109.00	US	15/644,383	Filed	
2016-0123.00	US	15/585396	Filed	
2016-0131.00	US	15/584,278	Filed	
2016-0132.00	US	15/584,310	Filed	
2016-0138.00	US	15/595,171	Filed	
2016-0154.00	PC	PCT/US2017/042508	Filed	
2016-0184.00	US	15/616,642	Filed	
2016-0186.00	US	15/626,941	Filed	
2016-0205.00	US	15/606,194	Filed	
2016-0255.00	US	15/625,676	Filed	
2016-0294.00	PC	PCT/US2017/029780	Filed	
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2016-0310.00	PR	62527564	Filed	
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2016-0373.00	PR	62532205	Filed	
2016-0387.00	PR	62/490,904	Filed	
2016-0394.00	US	15/603,327	Filed	
2016-0395.00	US	15/616,446	Filed	
2016-0397.00	US	15/641,783	Filed	
2016-0399.00	PC	PCT/US2017/034487	Filed	
2016-0399.00	TW	106118556	Filed	
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2016-0402.00	US	15606415	Filed	
2016-0404.00	US	15/596,988	Filed	
2016-0408.00	US	15/603,063	Filed	
2016-0425.00	US	15/618,393	Filed	
2016-0426.00	CN	201710447241.4	Filed	
2016-0426.00	TW	106119654	Filed	
2016-0426.00	US	15/606,109	Filed	
2016-0428.01	US	15/653,181	Filed	
2016-0430.00	PR	62/504,299	Filed	
2016-0471.00	US	15/582,329	Filed	
2016-0472.00	US	15/621,939	Filed	
2016-0490.00	US	15/497503	Filed	
2016-0493.00	US	15593131	Filed	
2016-0495.00	EP	TBD	Filed	
2016-0495.00	KR	10-2017-7016956	Filed	

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2016-0495.00	US	15/532,886	Filed	
2016-0496.00	US	15/628,343	Filed	
2016-0497.00	US	15/619,158	Filed	
2016-0503.00	US	15/582,321	Filed	
2016-0511.00	US	15/590,143	Filed	
2016-0514.00	US	15/605,853	Filed	
2016-0515.00	US	15/605,855	Filed	
2016-0516.00	US	15/605,858	Filed	
2016-0522.00	US	15600420	Filed	
2016-0595.00	US	15/642,145	Filed	
2016-0614.00	US	15/622,739	Filed	
2016-0650.00	US	15/653,276	Filed	
2016-0657.00	US	15/633,045	Filed	
2016-0662.00	US	15/598,894	Filed	
2016-0665.00	TW	106112979	Filed	
2016-0665.00	US	15/531,283	Filed	
2016-0674.00	US	15/655,644	Filed	
2016-0688.00	US	15/590,972	Filed	
2016-0691.00	US	15/655,675	Filed	
2016-0693.00	US	15/592,027	Filed	
2016-0702.00	US	15/632,536	Filed	
2016-0706.00	US	15/624422	Filed	
2016-0727.00	US	15647676	Filed	
2016-0769.00	PR	62/502,999	Filed	
2016-0782.00	US	15581762	Filed	
2016-0794.00	US	15/589,532	Filed	
2016-0796.00	US	15/609,569	Filed	
2016-0798.00	US	15650194	Filed	
2016-0825.00	US	15/621,448	Filed	
2016-0836.00	US	15/613,408	Filed	
2016-0852.00	PR	62/503,018	Filed	
2016-0859.00	PR	62/476,598	Filed	
2016-0866.00	US	15/623,592	Filed	
2016-0889.00	US	15598795	Filed	
2017-0001.00	US	15645202	Filed	
2017-0008.00	US	15/623,514	Filed	
2017-0016.00	PR	62/526,843	Filed	
2017-0020.00	PR	62/534,436	Filed	
2017-0027.00	US	15/633,595	Filed	
2017-0051.00	US	15/621,955	Filed	
2017-0070.00	US	15/619,163	Filed	
2017-0092.00	US	15590863	Filed	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2017-0145.00	US	15/591,015	Filed	
2017-0146.00	US	15/654,499	Filed	
2017-0163.00	US	15/619,811	Filed	
2017-0222.00	US	15/642,906	Filed	
2017-0229.00	US	15/641,478	Filed	
2017-0230.00	US	15/641,558	Filed	
2017-0231.00	US	15/641,475	Filed	
2017-0232.00	US	15/641,597	Filed	
2017-0233.00	US	15/641,521	Filed	
2017-0234.00	US	15/641,828	Filed	
2017-0235.00	US	15/641,628	Filed	
2017-0236.00	US	15/641,691	Filed	
2017-0242.00	US	15/650,274	Filed	
2017-0278.00	US	15/649,145	Filed	
2017-0280.00	US	15630901	Filed	
2017-0289.00	US	15/652,986	Filed	
2017-0328.00	US	15/603,295	Filed	
2017-0338.00	US	15/628,543	Filed	
2017-0342.00	US	15/630,330	Filed	
2017-0421.00	PR	62/506,977	Filed	
2017-0482.00	US	15/641,736	Filed	
2017-0483.00	US	15/641,704	Filed	
2017-0511.00	PR	62/518,575	Filed	
2017-0530.00	PR	62/521,939	Filed	
2017-0569.00	PR	62/529,910	Filed	
ELPA-0083.01	US	15/499,568	Filed	
ELPA-0098.02	US	15/641,118	Filed	
ELPA-0174.01	US	15/619,323	Filed	
ELPA-0248.01	US	15/652,768	Filed	
ELPA-0315.02	US	15/614,037	Filed	
ELPA-0363.01	US	15601652	Filed	
ELPA-0365.01	US	15/651,969	Filed	
ID10-6298.00	CN	201580044181.0	Published	
ID10-9051.01	US	15/606,080	Filed	
INOT-0234.00	TW	105141171	Filed	
MUEI-0531.04	US	15/497,100	Filed	
NMXN-0061.02	US	14/841,372	Allowed	
NMXN-0227.02	US	15/589,320	Filed	
NMXN-0234.02	US	15/494,213	Filed	
NMXS-1055.05	US	15/495,354	Filed	
PICO-0003.01	US	15/594,627	Filed	
SONY-0001.02	US	15/631,162	Filed	

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SONY-0032.02	US	15/495808	Filed	