

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4669313

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SUPPLEMENT NO. 6 TO PATENT SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICRON TECHNOLOGY, INC.	10/23/2017
RECEIVING PARTY DATA	
Name:	U.S. BANK NATIONAL ASSOCIATION, AS COLLATERAL AGENT
Street Address:	800 NICOLLET MALL
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55402
PROPERTY NUMBERS Total: 469	
Property Type	Number
Application Number:	15661460
Patent Number:	9779826
Application Number:	15583500
Application Number:	14936449
Application Number:	15702225
Application Number:	15657388
Application Number:	15681066
Application Number:	15673540
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Application Number:	15612174
Application Number:	15606454
Application Number:	15627076
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Application Number:	15684612
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Application Number:	15684728
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Application Number:	15687509

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Application Number:	15674586
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Application Number:	15623664
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Application Number:	15686308
Application Number:	15669451
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Application Number:	15230387
Application Number:	15669136
Application Number:	15402055
Application Number:	15689453
Application Number:	15690962
Application Number:	15665501

CORRESPONDENCE DATA

Fax Number: (650)251-5002

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Phone: (650) 251-5027

Email: jnull@stblaw.com

Correspondent Name: MARCELA ROBLEDO

Address Line 1: 2475 HANOVER STREET

PATENT

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER: 065664/0012

NAME OF SUBMITTER: J. JASON MULL

SIGNATURE: /J. Jason Mull/

DATE SIGNED: 11/01/2017

Total Attachments: 21

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SUPPLEMENT NO. 6 TO PATENT SECURITY AGREEMENT

This Supplement No. 6, dated as of October 23, 2017 (this "Supplement"), to the Patent Security Agreement (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Patent Security Agreement"), dated as of April 26, 2016, is made by MICRON TECHNOLOGY, INC., a Delaware corporation ("Grantor") in favor of U.S. Bank National Association, in its capacity as collateral agent (the "Collateral Agent") for the Notes Secured Parties (as defined in the Indenture referred to below).

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

WHEREAS, as a condition precedent to the Grantor's issuance of the Notes, Grantor has executed and delivered the Indenture and that certain Security Agreement, dated as of April 26, 2016 to the Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"). Terms defined in the Security Agreement and not otherwise defined herein are used herein as defined in the Security Agreement. Terms defined in the Indenture and not otherwise defined herein or in the Security Agreement are used herein as defined in the Indenture.

WHEREAS, under the terms of the Security Agreement, the Grantor has granted to the Collateral Agent, for the ratable benefit of the Notes Secured Parties, a security interest in, among other property, all Intellectual Property constituting Collateral and has executed the Patent Security Agreement with respect to Patents constituting Material Intellectual Property for recording with the U.S. Patent and Trademark Office.

WHEREAS, pursuant to Section 5.3(c) of the Security Agreement, following the acquisition of an interest in any After-Acquired Material Intellectual Property, the Grantor shall provide written notice to the Collateral Agent identifying the registered or applied-for Patents, Trademarks and/or Copyrights that were not as of the date of the Security Agreement a part of the Material Intellectual Property, including any such After-Acquired Material Intellectual Property, and such notice shall include all such new After-Acquired Material Intellectual Property, and the Grantor shall execute and deliver to the Collateral Agent an IP Domestic Security Agreement Supplement covering such Intellectual Property, and record or cause to be recorded such IP Domestic Security Agreement Supplement with the U.S. Patent and Trademark Office, the U.S. Copyright Office and/or any other U.S. governmental authorities necessary to perfect the security interest thereunder in any such Intellectual Property.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor agrees as follows:

Section 1. Grant of Security. Grantor hereby grants to the Collateral Agent for the ratable benefit of the Notes Secured Parties a security interest in Grantor's right, title and interest in and to the following, whether now owned or hereafter acquired or arising:

(i) each Patent constituting Material Intellectual Property owned by the Grantor, including, without limitation, each Patent referred to in Schedule 1 hereto;

(ii) all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of Grantor accruing thereunder or pertaining thereto; and

(iii) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the foregoing, including, without limitation, all proceeds of any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages.

Section 2. Recordation. Grantor authorizes and requests that the Commissioner for Patents and any other applicable government officer record this Supplement.

Section 3. Grants, Rights and Remedies. This Supplement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the U.S. Patent and Trademark Office. The security interest granted hereby has been granted to the Collateral Agent in connection with the Security Agreement and is expressly subject to the terms and conditions thereof and does not modify its terms or conditions or create any additional rights or obligations for any party thereto or hereto. The Security Agreement (and all rights and remedies of the Collateral Agent thereunder) shall remain in full force and effect in accordance with its terms.

Section 4. Governing Law. This Supplement shall be governed by, and construed in accordance with, the laws of the State of New York.

IN WITNESS WHEREOF, the Grantor has caused this Supplement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

MICRON TECHNOLOGY, INC.

By: GR

Name: Greg Routin

Title: Treasurer

REVIEW
MTI Leg

GR

Schedule 1 (Supplemental Patent Schedule as of October 23, 2017) Attached.

Supplemental Patent Schedule as of October 23, 2017

File Number	Jurisdiction	Application #	PTO Status	Patent #
2000-1018.04	US	15/661,460	Pending	
2003-0477.03	US	15/583,500	Pending	
2004-0577.03	US	14/936,449	Pending	
2005-0297.04	US	15/702,225	Pending	
2005-0484.03	US	15/657,388	Pending	
2005-0833.00	DE	06845109.5	Issued	1961011
2005-0833.00	FR	06845109.5	Issued	1961011
2005-0833.00	GB	06845109.5	Issued	1961011
2005-0866.03	US	15/681066	Pending	
2005-0937.02	US	15/673,540	Pending	
2005-0951.04	US	15/690,320	Pending	
2006-0039.03	US	15/612,174	Pending	
2006-0214.03	US	15/606,454	Pending	
2006-0411.02	US	15/627,076	Pending	
2006-0620.10	US	15/684080	Pending	
2006-0620.11	US	15/684612	Pending	
2006-0620.12	US	15/684722	Pending	
2006-0620.13	US	15/684728	Pending	
2006-0620.15	US	15687499	Pending	
2006-0620.16	US	15687504	Pending	
2006-0620.17	US	15687506	Pending	
2006-0620.18	US	15687509	Pending	
2006-0752.00	US	15/683,609	Pending	
2006-1239.00	DE	08852022.6	Issued	2218074
2006-1239.00	FR	08852022.6	Issued	2218074
2006-1239.00	GB	08852022.6	Issued	2218074
2006-1239.01	EP	17020367.3	Pending	
2007-0079.02	US	15/437,308	Pending	
2007-0089.06	US	15/673,218	Pending	
2007-0316.02	US	15/620,191	Pending	
2007-0336.03	US	15/645,894	Allowed	
2007-0471.00	DE	08854324.4	Issued	2227811
2007-0471.00	FR	08854324.4	Issued	2227811
2007-0471.00	GB	08854324.4	Issued	2227811
2007-0689.05	US	15/691,794	Pending	
2007-0782.03	US	15/663,707	Pending	
2007-0918.00	DE	09807028.7	Issued	2313925
2007-0918.00	FR	09807028.7	Issued	2313925
2007-0918.00	GB	09807028.7	Issued	2313925
2008-0029.05	US	15/674,586	Pending	
2008-0209.00	DE	09828038.1	Issued	2356572
2008-0209.00	FR	09828038.1	Issued	2356572

Supplemental Patent Schedule as of October 23, 2017

File Number	Jurisdiction	Application #	PTO Status	Patent #
2008-0209.00	GB	09828038.1	Issued	2356572
2008-0318.01	US	15/690,800	Pending	
2008-0373.01	US	15/648,026	Pending	
2008-0439.02	US	15/728,151	Pending	
2008-0445.04	US	15/653,281	Pending	
2008-0487.02	US	15/676,796	Pending	
2008-0583.03	US	15/626,843	Pending	
2008-0694.01	CN	201710540513.5	Pending	
2008-0724.01	US	15/687,636	Pending	
2009-0016.00	DE	10822339.7	Issued	EP2483785
2009-0016.00	FR	10822339.7	Issued	EP2483785
2009-0016.00	GB	10822339.7	Issued	EP2483785
2009-0214.03	US	15/686,510	Pending	
2009-0218.01	CN	201710188802.3	Pendinged	
2009-0332.01	US	15/631,836	Pending	
2009-0346.00	DE	11753784.5	Issued	2545555
2009-0346.00	FR	11753784.5	Issued	2545555
2009-0346.00	GB	11753784.5	Issued	2545555
2009-0396.02	US	15/679,958	Pending	
2009-0477.03	US	15/652,632	Pending	
2009-0539.03	US	15/691,442	Pending	
2009-0568.02	US	15/728,054	Pending	
2010-0044.00	DE	12712848.6	Issued	2697839
2010-0044.00	FR	12712848.6	Issued	2697839
2010-0044.00	GB	12712848.6	Issued	2697839
2010-0068.00	DE	11825562.9	Issued	2617037
2010-0068.00	FR	11825562.9	Issued	2617037
2010-0068.00	GB	11825562.9	Issued	2617037
2010-0154.03	US	15/675,391	Pending	
2010-0174.02	US	15699144	Pending	
2010-0376.01	CN	2.0171E+11	Pendinged	
2010-0396.00	DE	12760694.5	Issued	2689474
2010-0396.00	FR	12760694.5	Issued	2689474
2010-0396.00	GB	12760694.5	Issued	2689474
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2010-0464.00	IT	12823667.6	Issued	2745323
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2010-0497.02	US	15/675,836	Pending	
2010-0622.02	US	15/651,985	Pending	

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2010-0655.02	US	15/689,626	Pending	
2010-0721.01	CN	201710470081.5	Pending	
2010-0721.02	US	15/684,763	Pending	
2010-0767.02	US	15/688,667	Pending	
2010-0843.00	DE	12797279.2	Issued	2718964
2010-0843.00	FR	12797279.2	Issued	2718964
2010-0843.00	GB	12797279.2	Issued	2718964
2011-0031.03	US	15/662,974	Pending	
2011-0162.03	US	15/689,459	Pending	
2011-0186.02	US	15/354,822	Allowed	
2011-0192.02	US	15/677949	Pending	
2011-0205.01	US	15/677914	Pending	
2011-0263.01	US	15/691,576	Pending	
2011-0301.01	US	15/690,081	Pending	
2011-0326.02	US	15/701,262	Pending	
2011-0344.01	US	15/609,797	Pending	
2011-0383.02	US	15/714,886	Pending	
2011-0432.03	US	15/661,351	Pending	
2011-0438.02	US	15/690,359	Pending	
2011-0444.01	KR	10-2017-7024512	Pending	
2011-0449.00	DE	13757425.7	Issued	EP 2823399
2011-0449.00	FR	13757425.7	Issued	EP 2823399
2011-0449.00	GB	13757425.7	Issued	EP 2823399
2011-0500.02	US	15/669,484	Pending	
2011-0510.02	US	15/693,229	Pending	
2011-0571.03	US	15/685,909	Pending	
2011-0584.03	US	15/691,465	Pending	
2011-0599.03	US	15/676,629	Pending	
2011-0724.02	US	15/686,754	Pending	
2011-0751.01	CN	201710637902.X	Pending	
2011-0753.01	CN	201280062249.4	Pending	
2011-0754.01	CN	201710652791.X	Pending	
2011-0844.04	US	15/658,202	Pending	
2011-0849.01	CN	201710761680.2	Pending	
2011-0851.03	US	15/626,979	Pending	
2011-0857.02	US	15/653,365	Pending	
2011-0873.02	US	15/685,907	Pending	
2011-0925.01	KR	10-2015-7024254	Pending	
2011-0944.01	KR	10-2017-7021614	Pending	
2012-0051.03	US	15/689,955	Pending	
2012-0158.03	US	15/686,416	Pending	
2012-0167.02	US	15/656,690	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2012-0217.03	US	15/670,864	Pending	
2012-0295.03	US	15/640,041	Pending	
2012-0304.02	US	15690744	Pending	
2012-0321.02	US	15/729,487	Pending	
2012-0348.01	US	15/626,634	Pending	
2012-0353.01	US	15/683,336	Pending	
2012-0359.01	CN	201710400313.X	Pending	
2012-0363.02	US	15/670,920	Pending	
2012-0388.01	KR	10-2017-7021238	Pending	
2012-0388.02	US	15/691,477	Pending	
2012-0408.02	US	15/665,577	Pending	
2012-0440.01	US	15/624,493	Pending	
2012-0506.01	US	15/667,907	Pending	
2012-0524.02	US	15/656,084	Pending	
2012-0632.01	US	15/667,358	Pending	
2012-0645.03	US	15688260	Pending	
2012-0659.03	US	15/692,512	Allowed	
2012-0666.02	US	15/704,868	Pending	
2012-0672.02	US	15/681,763	Pending	
2012-0688.02	US	15/683,649	Pending	
2012-0739.02	US	15/645,130	Pending	
2012-0761.02	US	15/664,975	Pending	
2012-0782.03	US	15/670986	Pending	
2012-0823.03	US	15/688,545	Pending	
2012-0841.01	US	15/721,990	Pending	
2013-0012.01	US	15/687,710	Pending	
2013-0028.02	US	15/676,659	Pending	
2013-0114.02	US	15671960	Pending	
2013-0126.02	US	15/664,666	Pending	
2013-0136.03	US	15/692,376	Pending	
2013-0192.01	US	15/679,028	Pending	
2013-0205.03	US	15/691,482	Pending	
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2013-0275.02	US	15/690,013	Pending	
2013-0335.02	US	15684784	Pending	
2013-0416.01	US	15/685,950	Pending	
2013-0439.01	US	15/690,085	Pending	
2013-0446.00	EP	16735413.3	Pendinged	
2013-0446.00	KR	10-2017-7018940	Pending	
2013-0446.00	SG	11201705594Q	Pending	
2013-0450.01	US	15/667395	Pending	
2013-0488.01	US	15/693,102	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2013-0490.02	US	15/788,094	Pending	
2013-0496.01	US	15/786,408	Pending	
2013-0514.01	US	15/691,859	Pending	
2013-0518.01	US	15/690,862	Pending	
2013-0532.01	US	15/691,806	Pending	
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2013-0548.03	US	15/703,223	Pending	
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2013-0587.01	US	15/689,256	Pending	
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2013-0598.00	KR	10-2017-7023394	Pending	
2013-0604.01	US	15/692,274	Pending	
2013-0606.02	US	15/724,102	Pending	
2013-0622.01	US	15/660,387	Pending	
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2013-0653.01	US	15728043	Pending	
2013-0661.01	US	15/688,027	Pending	
2013-0670.02	US	15/657,451	Issued	9,779,826
2013-0688.02	US	15/677252	Pending	
2014-0023.01	US	15/692,003	Pending	
2014-0029.01	US	15/687,691	Pending	
2014-0035.01	US	15/688,348	Pending	
2014-0036.02	US	15/692,959	Pending	
2014-0074.00	CN	201580062243.0	Pendinged	
2014-0074.00	KR	10-2017-7015711	Pending	
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2014-0112.01	US	15/667,364	Pending	
2014-0119.02	US	15/680,776	Pending	
2014-0124.01	US	15686107	Pending	
2014-0127.01	US	15/674,019	Pending	
2014-0127.02	US	15/674,050	Pending	
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2014-0145.00	KR	10-2017-7019620	Pending	
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File Number	Jurisdiction	Application #	PTO Status	Patent #
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2014-0295.01	US	15/687,813	Pending	
2014-0319.01	US	15/685,643	Pending	
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2014-0332.00	CN	201680008571.7	Pending	
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2014-0374.00	EP	16780409.5	Pending	
2014-0374.00	JP	2017-544893	Pending	
2014-0389.00	CN	201580056941.X	Pendinged	
2014-0396.01	US	15/692,994	Pending	
2014-0428.01	US	15685387	Pending	
2014-0437.01	US	15/692,783	Pending	
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2014-0438.00	EP	16746991.5	Pending	
2014-0438.00	US	15/669,590	Pending	
2014-0442.01	US	15/722,188	Pending	
2014-0461.01	US	15/729,391	Pending	
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2014-0468.00	KR	10-2017-7027483	Pending	
2014-0474.01	US	15/684,054	Pending	
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2014-0515.00	EP	16752758.9	Pending	
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2014-0527.00	CN	201680012339.0	Pending	
2014-0527.00	EP	16746987.3	Pending	
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2014-0547.00	KR	10-2017-7024233	Pending	
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2014-0568.01	US	15/683,540	Pending	
2014-0574.00	US	15/669,300	Pending	
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2014-0626.01	US	15/664,589	Pending	
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2014-0631.01	US	15728123	Pending	
2014-0636.00	US	15/555,046	Pending	
2014-0650.01	US	15/688,308	Pending	
2014-0653.01	US	15/690,873	Pending	
2014-0673.00	CN	201680012666.6	Pending	
2014-0673.00	EP	16793161.7	Pending	
2014-0673.00	KR	10-2017-7024105	Pending	
2014-0696.01	US	15/689,114	Pending	
2014-0715.00	EP	16774290.7	Pending	
2014-0796.00	CN	201580077081.8	Pending	
2014-0796.00	EP	15885764.9	Pending	
2014-0796.00	JP	2017-544894	Pending	
2014-0797.00	US	15686082	Pending	
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2015-0018.01	US	15/684,756	Pending	
2015-0020.00	US	15/692,972	Pending	
2015-0021.00	US	15/669,753	Pending	
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2015-0052.00	PC	PCT/US17/53517	Pending	
2015-0059.01	US	15666064	Pending	
2015-0089.00	EP	16780408.7	Pending	
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2015-0089.00	KR	10-2017-7023521	Pending	
2015-0114.01	US	15/682,775	Pending	
2015-0134.00	PC	PCT/US17/45744	Pending	
2015-0158.00	US	15/660,405	Pending	
2015-0160.01	US	15690968	Pending	
2015-0173.01	US	15/661,846	Pending	
2015-0194.00	TW	106121939	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2015-0194.01	US	15/669,311	Pending	
2015-0230.00	PC	PCT/US2017/047787	Pending	
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2015-0256.01	US	15/692,565	Pending	
2015-0259.01	US	15/645,128	Pending	
2015-0262.01	US	15/689,211	Pending	
2015-0273.01	US	15/659,994	Pending	
2015-0315.00	PC	PCT/US17/44568	Pending	
2015-0350.00	CN	201710729456.5	Pending	
2015-0350.00	EP	17020379.8	Pending	
2015-0363.01	US	15681561	Pending	
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2015-0442.00	US	15/656,999	Pending	
2015-0443.00	PC	PCT/US2017/031872	Pending	
2015-0447.01	US	15675977	Pending	
2015-0459.00	PC	PCT/US17/43714	Pending	
2015-0459.00	TW	106127595	Pending	
2015-0480.01	US	15/606,493	Pending	
2015-0486.01	US	15663774	Pending	
2015-0500.00	PC	PCT/US2017/056108	Pending	
2015-0513.01	US	15/693,064	Pending	
2015-0521.00	PC	PCT/US2017/047530	Pending	
2015-0521.00	TW	106129186	Pending	
2015-0532.01	US	15684734	Pending	
2015-0550.00	CN	201710853490.3	Pending	
2015-0550.00	EP	17192331.1	Pending	
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2015-0550.00	KR	10-2017-0121170	Pending	
2015-0565.00	PC	PCT/US2017/044089	Pending	
2015-0568.00	PC	PCT/US2017/042895	Pending	
2015-0572.00	PC	PCT/US2017/048811	Pending	
2015-0572.00	TW	106129583	Pending	
2015-0575.00	PC	PCT/US17/46973	Pending	
2015-0575.01	US	15/683,439	Pending	
2015-0577.01	US	15679727	Pending	
2015-0578.00	PC	PCT/US17/47093	Pending	
2015-0578.00	TW	106129184	Pending	
2015-0598.00	PC	PCT/US17/49160	Pending	
2015-0603.00	PC	PCT/US16/54878	Pendinged	
2015-0603.01	US	15715846	Pending	

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2015-0619.00	KR	10-2017-7027965	Pending	
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2015-0622.00	US	15664217	Pending	
2015-0623.01	US	15/665,062	Pending	
2015-0636.00	PC	PCT/US17/44633	Pending	
2015-0636.00	US	15664183	Pending	
2015-0638.00	PC	PCT/US2017/043592	Pending	
2015-0643.00	PC	PCT/US2017/047991	Pending	
2015-0647.00	PC	PCT/US17/32264	Pending	
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2015-0653.00	PC	PCT/US17/46123	Pending	
2015-0657.01	US	15/693,032	Pending	
2015-0669.00	PC	PCT/US17/44638	Pending	
2015-0669.00	US	15664161	Pending	
2015-0671.00	PC	PCT/US17/43245	Pending	
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2015-0677.00	TW	106124428	Pending	
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2015-0702.00	US	15679032	Pending	
2015-0703.00	PC	PCT/US17/47925	Pending	
2015-0703.00	TW	106129329	Pending	
2015-0705.00	PC	PCT/US2017/048666	Pending	
2015-0705.01	US	15/689,922	Pending	
2015-0716.01	US	15719349	Pending	
2015-0717.00	PC	PCT/US17/45892	Pending	
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2016-0005.01	US	15659482	Pending	
2016-0009.00	US	15/691,147	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2016-0015.00	PC	PCT/US2017/047779	Pending	
2016-0015.00	TW	106129182	Pending	
2016-0015.01	US	15/689,940	Pending	
2016-0025.00	PC	PCT/US17/48745	Pending	
2016-0026.00	PC	PCT/US17/48736	Pending	
2016-0030.00	TW	106120565	Pending	
2016-0034.00	EP	17749106.5	Pending	
2016-0034.00	TW	106128515	Pending	
2016-0037.00	US	15/729,393	Pending	
2016-0044.00	PC	PCT/US17/44661	Pending	
2016-0044.00	US	15664140	Pending	
2016-0065.00	US	15/632,907	Pending	
2016-0066.00	US	15/685,997	Pending	
2016-0071.00	US	15/692,779	Pending	
2016-0081.00	US	15/681,143	Pending	
2016-0085.00	PC	PCT/US17/45927	Pending	
2016-0085.00	TW	106128903	Pending	
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2016-0088.00	TW	106127287	Pending	
2016-0089.00	PR	62547022	Pending	
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2016-0106.00	PC	PCT/US2017/043594	Pending	
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2016-0126.00	PC	PCT/US17/46706	Pending	
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2016-0127.00	US	15/662,769	Pending	
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2016-0211.01	US	15681734	Pending	
2016-0215.00	US	15/633,377	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2016-0221.00	US	15/584,294	Pending	
2016-0247.00	PC	PCT/US17/45167	Pending	
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2016-0247.00	US	15678978	Pending	
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2016-0251.00	TW	106128291	Pending	
2016-0256.00	PC	PCT/US2017/048647	Pending	
2016-0268.00	CN	201680012764.X	Pending	
2016-0268.00	EP	16810926.2	Pending	
2016-0268.00	KR	10-2017-7023892	Pending	
2016-0272.00	US	15/669,785	Pending	
2016-0276.00	US	15/697,773	Pending	
2016-0277.00	US	15/662,059	Pending	
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2016-0283.00	US	15679042	Pending	
2016-0284.00	PC	PCT/US17/45052	Pending	
2016-0284.00	US	15/667234	Pending	
2016-0292.01	US	15686101	Pending	
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2016-0378.00	PR	62/551,542	Pending	
2016-0379.00	US	15/675,130	Pending	
2016-0385.00	US	15/672,512	Pending	
2016-0391.00	US	15/669,055	Pending	
2016-0393.00	PC	PCT/US17/46803	Pending	
2016-0405.00	PC	PCT/US17/56477	Pending	
2016-0419.00	US	15/688,945	Pending	
2016-0421.01	US	15714752	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2016-0429.00	US	15/674,382	Pending	
2016-0440.00	US	15/681,183	Pending	
2016-0477.00	PR	62/549799	Pending	
2016-0482.00	PC	PCT/US2017/048800	Pending	
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2016-0494.00	US	15/686,963	Pending	
2016-0495.00	CN	201780000590.X	Pending	
2016-0495.00	JP	2017-544330	Pending	
2016-0509.00	US	15/715,504	Pending	
2016-0512.01	US	15/673,139	Pending	
2016-0521.01	US	15693122	Pending	
2016-0533.00	US	15/660,829	Pending	
2016-0540.00	US	15/673,224	Pending	
2016-0548.00	US	15/672,006	Pending	
2016-0569.00	PC	PCT/US2017/048849	Pending	
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2016-0571.00	PC	PCT/US2017/048806	Pending	
2016-0571.00	TW	106129580	Pending	
2016-0617.00	US	15/693,153	Pending	
2016-0618.00	US	15/693,178	Pending	
2016-0622.00	US	15669801	Pending	
2016-0623.00	US	15/663,545	Pending	
2016-0646.01	US	15679499	Pending	
2016-0660.00	US	15690209	Pending	
2016-0661.00	US	15690200	Pending	
2016-0678.00	US	15/669,256	Pending	
2016-0685.00	PC	PCT/US17/56203	Pending	
2016-0685.01	US	15/677151	Pending	
2016-0689.00	US	15/687,732	Pending	
2016-0694.00	US	15/693,027	Pending	
2016-0697.00	US	15/670,351	Pending	
2016-0698.00	US	15/671,317	Pending	
2016-0718.00	US	15726293	Pending	
2016-0719.00	US	15726305	Pending	
2016-0725.00	US	15726281	Pending	
2016-0737.00	US	15/686,996	Pending	
2016-0741.00	US	15/692,937	Pending	
2016-0747.00	US	15/693,133	Pending	
2016-0748.00	US	15/692,993	Pending	
2016-0753.00	PR	62/551,353	Pending	
2016-0757.00	US	15/668,016	Pending	
2016-0773.00	US	15/645,694	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2016-0786.00	US	15705179	Pending	
2016-0801.00	US	15/689,721	Pending	
2016-0803.00	US	15/689,735	Pending	
2016-0808.00	US	15789600	Pending	
2016-0813.00	US	15660442	Pending	
2016-0818.00	US	15/684,773	Pending	
2016-0822.00	US	15710432	Pending	
2016-0824.00	US	15/685,940	Pending	
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2016-0830.00	US	15/664,252	Pending	
2016-0831.00	US	15/664,352	Pending	
2016-0832.00	US	15/681,619	Pending	
2016-0834.00	PR	62554972	Pending	
2016-0842.00	US	15/685,921	Pending	
2016-0843.00	US	15/693,366	Pending	
2016-0844.00	US	15/693,390	Pending	
2016-0847.00	US	15/693,378	Pending	
2016-0849.00	US	15/683,059	Pending	
2016-0856.00	US	15/692,387	Pending	
2016-0857.00	PR	62/512,598	Pending	
2016-0859.00	US	15/692,802	Pending	
2016-0860.00	PR	62/488,540	Pending	
2016-0860.00	US	15/693,071	Pending	
2016-0861.00	PR	62/476,549	Pending	
2016-0861.00	US	15/693,144	Pending	
2016-0865.00	US	15/683,430	Pending	
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2016-0873.00	US	15/584,881	Pending	
2016-0874.00	US	15/584,965	Pending	
2016-0879.01	US	15/730,552	Pending	
2017-0002.00	US	15/687,830	Pending	
2017-0003.00	US	15/691,303	Pending	
2017-0004.00	US	15/691,454	Pending	
2017-0015.00	US	15/705,867	Pending	
2017-0020.00	US	15/783,688	Pending	
2017-0024.00	US	15/689,155	Pending	
2017-0025.00	US	15/660,491	Pending	
2017-0029.00	US	15/687,038	Pending	
2017-0030.00	US	15/722,769	Pending	
2017-0034.00	US	15/710,972	Pending	
2017-0035.00	US	15/664,014	Pending	
2017-0046.00	US	15/664,506	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2017-0053.00	US	15/703,736	Pending	
2017-0057.00	US	15/670,544	Pending	
2017-0059.00	US	15/684,703	Pending	
2017-0060.00	US	15/701,689	Pending	
2017-0064.00	PR	62551731	Pending	
2017-0067.00	US	15671895	Pending	
2017-0075.00	US	15/685690	Pending	
2017-0076.00	US	15/692,553	Pending	
2017-0078.00	US	15/687,019	Pending	
2017-0108.00	US	15/692,154	Pending	
2017-0109.00	US	15/683,821	Pending	
2017-0111.00	US	15/686,024	Pending	
2017-0123.00	US	15/717,610	Pending	
2017-0126.00	US	15/687,015	Pending	
2017-0127.00	PC	PCT/CN2017/102907	Pending	
2017-0129.00	PR	62/550,080	Pending	
2017-0135.00	US	15/659,728	Pending	
2017-0136.00	US	15/691,888	Pending	
2017-0142.00	US	15/684,792	Pending	
2017-0143.00	US	15/689,017	Pending	
2017-0144.00	US	15674850	Pending	
2017-0150.00	US	15/666,320	Pending	
2017-0153.00	US	15/693,114	Pending	
2017-0165.00	US	15692803	Pending	
2017-0184.00	US	15/677,736	Pending	
2017-0191.00	US	15/692,712	Pending	
2017-0192.00	US	15/691,447	Pending	
2017-0194.00	US	15/692,599	Pending	
2017-0196.00	US	15/688,645	Pending	
2017-0197.00	US	15/686,008	Pending	
2017-0209.00	PR	62552809	Pending	
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2017-0213.00	US	15/680,461	Pending	
2017-0215.00	US	15/669,290	Pending	
2017-0217.00	US	15/691,998	Pending	
2017-0218.00	US	15691541	Pending	
2017-0224.00	US	15/684,831	Pending	
2017-0243.00	US	15693142	Pending	
2017-0245.00	US	15701007	Pending	
2017-0249.00	US	15/687,169	Pending	
2017-0254.00	US	15/687,069	Pending	
2017-0260.00	US	15/730,272	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2017-0268.00	US	15/689,989	Pending	
2017-0269.00	US	15/690,903	Pending	
2017-0271.00	US	15/690,869	Pending	
2017-0272.00	US	15/690,992	Pending	
2017-0273.00	US	15/691,813	Pending	
2017-0274.00	US	15/671,774	Pending	
2017-0275.00	US	15/692,622	Pending	
2017-0279.00	US	15/680,006	Pending	
2017-0282.00	US	62552824	Pending	
2017-0291.00	US	15/730,233	Pending	
2017-0295.00	US	15/658,276	Pending	
2017-0299.00	US	15/656,895	Pending	
2017-0303.00	US	15/691,394	Pending	
2017-0311.00	US	15/692,852	Pending	
2017-0326.00	US	15/691,484	Pending	
2017-0348.00	US	15/676,424	Pending	
2017-0356.00	US	15/716,132	Pending	
2017-0357.00	US	15/716,162	Pending	
2017-0365.00	PR	62542166	Pending	
2017-0372.00	US	15/691,217	Pending	
2017-0378.00	PR	62/552,159	Pending	
2017-0381.00	US	15/692,804	Pending	
2017-0389.00	PR	62542263	Pending	
2017-0403.00	US	15/690,442	Pending	
2017-0404.00	US	15/690,503	Pending	
2017-0408.00	US	15/711,937	Pending	
2017-0414.00	US	15/669,392	Pending	
2017-0417.00	US	15/687,581	Pending	
2017-0426.00	US	15/693,118	Pending	
2017-0427.00	PC	PCT/2017/CN/099234	Pending	
2017-0433.00	US	15/690,889	Pending	
2017-0443.00	US	15/693,300	Pending	
2017-0455.00	US	15/666,375	Pending	
2017-0456.00	US	15/693,095	Pending	
2017-0458.00	US	15/672,423	Pending	
2017-0461.00	US	15/693,128	Pending	
2017-0465.00	US	15/684,577	Pending	
2017-0475.00	US	15/693,173	Pending	
2017-0497.00	PR	62542182	Pending	
2017-0498.00	US	15/686,029	Pending	
2017-0501.00	US	15/789,897	Pending	
2017-0503.00	PR	62542181	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
2017-0505.00	US	15/693,039	Pending	
2017-0514.00	US	15/786,362	Pending	
2017-0522.00	PR	62542163	Pending	
2017-0524.00	PR	62/542,160	Pending	
2017-0532.00	US	15/685,871	Pending	
2017-0560.00	PR	62537842	Pending	
2017-0625.00	US	15/692,299	Pending	
2017-0628.00	US	15/692,962	Pending	
2017-0629.00	US	15/691,584	Pending	
2017-0631.00	US	15/692,508	Pending	
2017-0635.00	US	15/692,225	Pending	
2017-0637.00	US	15/690,708	Pending	
2017-0640.00	US	15/690,933	Pending	
2017-0645.00	US	15/693,121	Pending	
2017-0646.00	US	15/693,002	Pending	
2017-0647.00	PC	PCT/CN2017/104945	Pending	
2017-0648.00	US	15/689,747	Pending	
2017-0650.00	US	15/692,407	Pending	
2017-0651.00	US	15/690,920	Pending	
2017-0654.00	US	15/693,194	Pending	
2017-0655.00	US	15/714,743	Pending	
2017-0667.00	PR	62/536,101	Pending	
2017-0751.00	PR	62/550,483	Pending	
2017-0755.00	US	15787471	Pending	
2017-0791.00	US	15/691,840	Pending	
2017-0793.00	US	15/783,606	Pending	
ELPA-0086.02	US	15/670,816	Pending	
ELPA-0197.02	US	15/729,345	Pending	
ELPA-0266.02	US	15/699,703	Pending	
HYNX-0003.02	US	15/676,597	Pending	
HYNX-0004.03	US	15/613,879	Pending	
HYNX-0005.03	US	15/633,144	Pending	
ID11-0735.01	US	15/685,878	Pending	
ID11-9385.00	CN	201680012667.0	Pending	
ID11-9385.00	EP	16862754.5	Pending	
ID11-9385.00	JP	2017-544952	Pending	
ID11-9385.00	KR	10-2017-7024234	Pending	
ID12-2042.01	US	15/682,228	Pending	
ID12-3011.01	US	15693209	Pending	
ID14-5212.00	US	15/717,554	Pending	
IDF8-4466.03	US	15/620,458	Pending	
IDF8-4827.04	US	15/676,560	Pending	

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File Number	Jurisdiction	Application #	PTO Status	Patent #
IDF9-6738.02	US	15/685,855	Pending	
IDF9-8515.02	US	15/686,389	Pending	
IDF9-9769.01	SG	10201706763X	Pending	
INOT-0173.01	US	15/700,640	Pending	
INOT-0201.01	US	15671471	Pending	
INOT-0215.01	US	15/715,403	Pending	
INOT-0217.01	US	15/729,370	Pending	
INOT-0230.01	US	15676350	Pending	
INOT-0231.01	US	15/660,210	Pending	
INOT-0233.01	US	15/725723	Pending	
NMXN-0219.04	US	15/685,926	Pending	
NMXN-0387.02	US	15/676,650	Pending	
NMXN-0389.03	US	15/676,700	Pending	
NMXN-0421.02	US	15/682,221	Pending	
NMXN-0441.03	US	15/664,467	Pending	
NMXS-1055.06	US	15/693,254	Pending	
NMXS-1078.03	US	15/686,308	Pending	
PICO-0001.01	US	15/669,451	Pending	
PICO-0002.01	US	15/670,195	Pending	
PICO-0004.01	US	15/230,387	Pending	
PICO-0005.01	US	15/669,136	Pending	
PURC-0916.05	US	15/402,055	Pending	
SONY-0011.01	KR	10-2017-7021608	Pending	
TIDL-0300.01	US	15/689,453	Pending	
TIDL-0800.02	US	15/690,962	Pending	
TIDL-1400.01	US	15/665,501	Pending	