

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HERMES MICROVISION INCORPORATED B.V.	12/19/2018
RECEIVING PARTY DATA	
Name:	ASML NETHERLANDS B.V.
Street Address:	DE RUN 6501
City:	VELDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5504 DR
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17365903
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	14261.0080-01000
NAME OF SUBMITTER:	JASMINE TROWBRIDGE
SIGNATURE:	/Jasmine Trowbridge/
DATE SIGNED:	07/07/2021
Total Attachments: 13	
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ASSIGNMENT AGREEMENT

BETWEEN

- (1) Hermes Microvision Incorporated B.V., a corporation duly organized and existing under the laws of the Netherlands and having a place of business at De Run 6501, 5504 DR Veldhoven, the Netherlands (hereinafter referred to as "Assignor"); and
- (2) ASML Netherlands B.V., residing at De Run 6501, 5504 DR Veldhoven, the Netherlands, a Dutch entity, with seat in Veldhoven, the Netherlands and trade register number 17052456 (hereinafter referred to as the "Assignee").

WHEREAS

Assignor is the proprietor of the patents and patent applications listed in Schedule 1 (hereinafter referred to as "IPR"), and Assignee is desirous of acquiring all of the Assignor's rights, titles and interests in and to the IPR.


PARTIES AGREE AS FOLLOWS

Assignor hereby irrevocably assigns and transfers to Assignee, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, with effect from 1 January 2019, all of its rights and titles to and all of its interests in the IPR, including the right to sue and claim damages (including past damages), which includes any claims for loss of profit, and any other remedies, for any act of infringement, dilution, or other violation prior to, on or after 1 January 2019, and the right to apply in any jurisdiction for intellectual property rights as contained in the IPR, which includes the right to claim priority to any part of the IPR. The Assignee hereby accepts this assignment and transfer.

SIGNED ON 19 DECEMBER 2018



Hermes Microvision Incorporated B.V.
By: R.J.M. Dassen
Title: Managing Director



ASML Netherlands B.V.
By: R.J.M. Dassen
Title: Managing Director

Schedule 1 Assigned Patents

Schedule 1 Assigned Patents

Country	Application number	Filing date	Publication number	Publication date	Grant number	Grant date
US	09/513,306	2000-Feb-25			US 6392231 B1	2002-May-21
US	10/113,002	2000-Feb-25	US 20020104969 A1	2002-Aug-08	US 6605805 B2	2003-Aug-12
US	10/601,124	2000-Feb-25	US 20040046125 A1	2004-Mar-11	US 6960766 B2	2005-Nov-01
US	09/668,697	2000-Sep-22			US 6710342 B1	2004-Mar-23
US	10/649,599	2000-Sep-22			US 6881956 B1	2005-Apr-19
US	60/332,016	2001-Nov-21				
WO	WOUS0222045	2002-Mar-21	WO 03081286 A2	2003-Oct-02		
AU	2002330873	2002-Mar-21	AU 2002330873 A1	2003-Oct-08		
CN	02828993	2002-Mar-21	CN 1630926 A	2005-Jun-22	CN 100397550 C	2008-Jun-25
CN	200710002340	2002-Mar-21	CN 1996547 A	2007-Jul-11	CN 100565774 C	2009-Dec-02
JP	2003578966	2002-Mar-21	JP 2005521215 A	2005-Jul-14		
KR	20047014962	2002-Mar-21	KR 20040101340 A	2004-Dec-02	KR 100813210 B1	2008-Mar-06
US	10/104,887	2002-Mar-21	US 20030178576 A1	2003-Sep-25	US 6791095 B2	2004-Sep-14
US	10/302,809	2002-Nov-21	US 20030136762 A1	2003-Jul-24	US 6815345 B2	2004-Nov-09
US	10/865,230	2002-Nov-21	US 20050026310 A1	2005-Feb-03	US 7105436 B2	2006-Sep-12
US	11/452,544	2002-Nov-21	US 20060234496 A1	2006-Oct-19	US 7474001 B2	2009-Jan-06
US	60/518,865	2003-Nov-10				
US	60/538,446	2004-Jan-21				
US	60/602,084	2004-Aug-16				
SG	2004070702	2004-Nov-09	SG 112082 A1	2005-Jun-29	SG 112082	2007-Dec-31
US	10/985,742	2004-Nov-09	US 20050152594 A1	2005-Jul-14		
TW	93134098	2004-Nov-09	TW 200527572 A	2005-Aug-16	TW I370501 B	2012-Aug-11
JP	2004326985	2004-Nov-10	JP 2005150727 A	2005-Jun-09	JP 4991099 B2	2012-May-11
US	11/035,048	2005-Jan-12	US 20050201038 A1	2005-Sep-15	US 7294590 B2	2007-Nov-13
US	60/695,815	2005-Jun-29				
US	11/199,898	2005-Aug-08	US 2012/080056 A1	2012-Apr-05	US 8092641 B1	2012-Jan-10
US	11/203,674	2005-Aug-12	US 20060038126 A1	2006-Feb-23	US 7335879 B2	2008-Feb-26
US	11/476,411	2006-Jun-27			US 7893406 B1	2011-Feb-22
US	12/896,110	2006-Jun-27	US 20110018470 A1	2011-Jan-27	US 8314401 B2	2012-Nov-20
US	60/819,057	2006-Jul-07				
US	11/515,328	2006-Aug-31	US 20080054931 A1	2008-Mar-06	US 8748815 B2	2014-Jun-10
US	60/862,943	2006-Oct-25				
US	60/869,101	2006-Dec-07				
US	11/668,846	2007-Jan-30	US 2009-0090866 A1	2009-Apr-09	US 7,872,236 B2	2011-Jan-18
US	12/204,282	2007-Jan-30	US 2008-0315094 A1	2007-Jan-30	US 7,928,383 B2	2011-Apr-19
US	60/887,901	2007-Feb-02				
US	60/913,701	2007-Apr-24				
US	60/914,020	2007-Apr-25				
US	60/940,165	2007-May-25				
US	11/755,705	2007-May-30	US 20080006771 A1	2008-Jan-10	US 7705301 B2	2010-Apr-27
US	11/759,138	2007-Jun-06	US 20080302974 A1	2008-Dec-11	US 7767982 B2	2010-Aug-03
JP	2007178459	2007-Jul-06	JP 2008016454 A	2008-Jan-24		
US	11/923,012	2007-Oct-24	US 20080121810 A1	2008-May-29	US 7825386 B2	2010-Nov-02
US	12/832,127	2007-Oct-24	US 20100270468 A1	2010-Oct-28	US 8164060 B2	2012-Apr-24
US	60/983,133	2007-Oct-26				
US	60/983,130	2007-Oct-26				
US	11/939,530	2007-Nov-13	US 20090108199 A1	2009-Apr-30	US 7705298 B2	2010-Apr-27
US	11/951,173	2007-Dec-05	US 20080215276 A1	2008-Sep-04	US 8010307 B2	2011-Aug-30

TW	96146821	2007-Dec-07 TW 200832090 A	2008-Aug-01 TW I368115 B	2012-Jul-11
US	12/024,033	2008-Jan-31		
CN	200810085128	2008-Mar-21 CN 101388317 A	2009-Mar-18 CN 101388317 B	2010-Aug-25
US	61/041,203	2008-Mar-31		
US	61/041,344	2008-Apr-01		
US	61/044,633	2008-Apr-14		
US	12/109,243	2008-Apr-24 US 20080267489 A1	2008-Oct-30	
US	12/110,147	2008-Apr-25 US 20080265251 A1	2008-Oct-30 US 8089297 B2	2012-Jan-03
US	13/323,634	2008-Apr-25 US 20120083055 A1	2012-Apr-05 US 9035674 B2	2015-May-19
US	12/130,879	2008-May-30 US 20090294664 A1	2009-Dec-03 US 7759653 B2	2010-Jul-20
US	12/145,036	2008-Jun-24 US 20090315444 A1	2009-Dec-24 US 8022609 B2	2011-Sep-20
US	12/179,560	2008-Jul-24 US 20100019462 A1	2010-Jan-28 US 8218284 B2	2012-Jul-10
US	12/232,834	2008-Sep-25 US 20100072364 A1	2010-Mar-25 US 7973283 B2	2011-Jul-05
US	12/240,048	2008-Sep-29 US 20100078554 A1	2010-Apr-01 US 8193491 B2	2012-Jun-05
US	13/312,152	2008-Sep-29 US 20120074314 A1	2012-Mar-29 US 8754372 B2	2014-Jun-17
US	12/247,536	2008-Oct-08 US 20100084554 A1	2010-Apr-08 US 8110818 B2	2012-Feb-07
US	12/249,640	2008-Oct-10 US 20100090107 A1	2010-Apr-15 US 7868303 B2	2011-Jan-11
US	12/257,304	2008-Oct-23 US 20100102227 A1	2010-Apr-29 US 7960697 B2	2011-Jun-14
US	12/256,828	2008-Oct-23 US 20100102226 A1	2010-Apr-29 US 7838848 B2	2010-Nov-23
US	12/259,216	2008-Oct-27 US 20100103583 A1	2010-Apr-29 US 8094428 B2	2012-Jan-10
US	12/259,280	2008-Oct-27 US 20090121159 A1	2009-May-14	
US	12/289,353	2008-Oct-27 US 20100102316 A1	2010-Apr-29 US 7737440 B2	2010-Jun-15
US	12/331,336	2008-Dec-09 US 20100140498 A1	2010-Jun-10 US 7919760 B2	2011-Apr-05
US	12/335,458	2008-Dec-15 US 20100150429 A1	2010-Jun-17 US 8094924 B2	2012-Jan-10
US	12/339,558	2008-Dec-19 US 20100155596 A1	2010-Jun-24 US 8809779 B2	2014-Aug-19
US	12/343,201	2008-Dec-23 US 20100158346 A1	2010-Jun-24	
US	14/325,802	2008-Dec-23 US 20140321730 A1	2014-Oct-30 US 9436988 B2	2016-Sep-06
US	12/342,821	2008-Dec-23 US 20100158317 A1	2010-Jun-24 US 8055059 B2	2011-Nov-08
US	12/344,328	2008-Dec-26 US 20100165346 A1	2010-Jul-01 US 8089637 B2	2012-Jan-03
TW	98101647	2009-Jan-16 TW 200937554 A	2009-Sep-01 TW I433246 B	2014-Apr-01
US	12/357,969	2009-Jan-22 US 20100181492 A1	2010-Jul-22 US 7884334 B2	2011-Feb-08
US	12/370,913	2009-Feb-13 US 20100211202 A1	2010-Aug-19	
US	12/397,042	2009-Mar-03 US 20100224792 A1	2010-Sep-09 US 7932494 B2	2011-Apr-26
US	12/400,757	2009-Mar-09 US 20090242761 A1	2009-Oct-01 US 8063363 B2	2011-Nov-22
US	13/288,563	2009-Mar-09 US 20120043462 A1	2012-Feb-23 US 8497475 B2	2013-Jul-30
US	12/414,130	2009-Mar-30 US 20100246929 A1	2010-Sep-30 US 8068662 B2	2011-Nov-29
US	12/416,047	2009-Mar-31 US 20090244078 A1	2009-Oct-01 US 7982186 B2	2011-Jul-19
US	12/420,200	2009-Apr-08 US 20100258722 A1	2010-Oct-14 US 8884224 B2	2014-Nov-11
US	12/420,224	2009-Apr-08 US 20100258720 A1	2010-Oct-14 US 8421009 B2	2013-Apr-16
TW	98112829	2009-Apr-17 TW 200945469 A	2009-Nov-01 TW I406347 B	2013-Aug-21
TW	98113474	2009-Apr-23 TW 200949971 A	2009-Dec-01 TW I376760 B	2012-Nov-11
US	12/430,453	2009-Apr-27 US 20100270467 A1	2010-Oct-28 US 8302420 B2	2012-Nov-06
US	12/433,762	2009-Apr-30 US 20100278416 A1	2010-Nov-04 US 8050490 B2	2011-Nov-01
TW	98116018	2009-May-14 TW 200949890 A	2009-Dec-01 TW I415160 B	2013-Nov-11
CN	200910140464	2009-May-15 CN 101929965 A	2010-Dec-29 CN 101929965 B	2012-Sep-05
US	12/468,026	2009-May-18 US 20100288923 A1	2010-Nov-18 US 9460887 B2	2016-Oct-04
US	12/483,220	2009-Jun-11 US 20100314539 A1	2010-Dec-16 US 8759762 B2	2014-Jun-24
US	12/489,804	2009-Jun-23 US 20100320381 A1	2010-Dec-23 US 8664596 B2	2014-Mar-04
US	12/491,013	2009-Jun-24 US 20100327160 A1	2010-Dec-30 US 8299431 B2	2012-Oct-30
TW	98124158	2009-Jul-16 TW 201005867 A	2010-Feb-01 TW I474433 B	2015-Feb-21
TW	98126926	2009-Aug-11 TW 201011803 A	2010-Mar-16 TW I408720 B	2013-Sep-11

US	12/540,357	2009-Aug-12	US 20110036981 A1	2011-Feb-17	US 8692214 B2	2014-Apr-08
US	12/552,270	2009-Sep-01	US 20110051306 A1	2011-Mar-03	US 8908348 B2	2014-Dec-09
US	12/553,067	2009-Sep-02	US 20110049595 A1	2011-Mar-03	US 8952435 B2	2015-Feb-10
US	13/315,189	2009-Sep-02	US 20120100705 A1	2012-Apr-26	US 8778763 B2	2014-Jul-15
US	12/553,072	2009-Sep-02	US 20110052040 A1	2011-Mar-03	US 8295580 B2	2012-Oct-23
TW	98130167	2009-Sep-08	TW 201013737 A	2010-Apr-01	TW 1417927 B	2013-Dec-01
TW	98131527	2009-Sep-18	TW 201013687 A	2010-Apr-01	TW 1433160 B	2014-Apr-01
TW	98135924	2009-Oct-23	TW 201021077 A	2010-Jun-01	TW 1382442 B	2013-Jan-11
TW	98135913	2009-Oct-23	TW 201017346 A	2010-May-01	TW 1400581 B	2013-Jul-01
TW	98136310	2009-Oct-27	TW 201029103 A	2010-Aug-01	TW 1458042 B	2014-Oct-21
TW	98136311	2009-Oct-27	TW 201024928 A	2010-Jul-01		
US	12/609,262	2009-Oct-30	US 20110101222 A1	2011-May-05	US 8031344 B2	2011-Oct-04
TW	98140085	2009-Nov-25	TW 201118758 A	2011-Jun-01		
TW	102107509	2009-Dec-08	TW 201334016 A	2013-Aug-16	US 8606017 B1	2017-Apr-11
TW	98141869	2009-Dec-08	TW 201025404 A	2010-Jul-01	TW 1433196 B	2014-Apr-01
TW	98141868	2009-Dec-08	TW 201024712 A	2010-Jul-01	TW 1494558 B	2015-Aug-01
TW	98141881	2009-Dec-08	TW 201030874 A	2010-Aug-16	TW 1405284 B	2013-Aug-11
US	12/636,007	2009-Dec-11	US 20110139996 A1	2011-Jun-16	US 8003953 B2	2011-Aug-23
TW	98142688	2009-Dec-14	TW 201035536 A	2010-Oct-01	TW 1420096 B	2013-Dec-21
TW	98143591	2009-Dec-18	TW 201024719 A	2010-Jul-01	TW 1388822 B	2013-Mar-11
US	13/073,161	2009-Dec-22				2013-Dec-10
US	12/644,736	2009-Dec-22				
TW	98144406	2009-Dec-23	TW 201024713 A	2010-Jul-01	TW 1413767 B	2013-Nov-01
TW	98145546	2009-Dec-29	TW 201037755 A	2010-Oct-16	TW 1412055 B	2013-Oct-11
TW	98145560	2009-Dec-29	TW 201030875 A	2010-Aug-16	TW 1552240 B	2016-Oct-01
TW	98145557	2009-Dec-29	TW 201039086 A	2010-Nov-01	TW 1417694 B	2013-Dec-01
TW	98145562	2009-Dec-29	TW 201037778 A	2010-Oct-16	TW 1409893 B	2013-Sep-21
TW	98145548	2009-Dec-29	TW 201113926 A	2011-Apr-16	TW 1398898 B	2013-Jun-11
TW	98145536	2009-Dec-29	TW 201035543 A	2010-Oct-01	TW 1395944 B	2013-May-11
TW	98145541	2009-Dec-29	TW 201028682 A	2010-Aug-01	TW 1395945 B	2013-May-11
TW	98145747	2009-Dec-30	TW 201120936 A	2011-Jun-16	TW 1389160 B	2013-Mar-11
EP	17168514.2	2010-Jan-22	EP 3244419 A2	2017-Nov-15		
WE	10744493.7	2010-Jan-22	EP 2510523 A1	2012-Oct-17	EP 2510523 B1	2017-May-17
DE	10744493.7	2010-Jan-22	EP 2510523 A1	2012-Oct-17	EP 2510523 B1	2017-May-17
NL	10744493.7	2010-Jan-22	EP 2510523 A1	2012-Oct-17	EP 2510523 B1	2017-May-17
WO	WO/2010/021722	2010-Jan-22	WO 2011071549 A1	2011-Jun-16		
IL	21154211	2010-Jan-22	IL 211542 A	2011-Jul-31	IL 211542 B	2014-Jan-30
JP	2011545551	2010-Jan-22	JP 2012507839 A	2012-Mar-29	JP 5226132 B2	2013-Mar-22
KR	20117014889	2010-Jan-22	KR 20110094096 A	2011-Aug-19	KR 101220837 B1	2013-Jan-04
US	61/301,971	2010-Feb-05				
US	12/715,766	2010-Mar-02	US 20110215241 A1	2011-Sep-08	US 8350213 B2	2013-Jan-08
TW	99108484	2010-Mar-23	TW 201100830 A	2011-Jan-01	TW 1407127 B	2013-Sep-01
TW	99108483	2010-Mar-23	TW 201106411 A	2011-Feb-16	TW 1415161 B	2013-Nov-11
TW	99110905	2010-Apr-08	TW 201104243 A	2011-Feb-01	TW 1401429 B	2013-Jul-11
TW	99110896	2010-Apr-08	TW 201107742 A	2011-Mar-01	TW 1507680 B	2015-Nov-11
US	12/764,902	2010-Apr-21	US 20110260055 A1	2011-Oct-27	US 8791414 B2	2014-Jul-29
US	14/306,298	2010-Apr-21	US 20140291517 A1	2014-Oct-02	US 9400176 B2	2016-Jul-26
US	12/764,890	2010-Apr-21	US 20110260069 A1	2011-Oct-27	US 8237125 B2	2012-Aug-07
US	12/787,139	2010-May-25	US 20110291007 A1	2011-Dec-01	US 8624186 B2	2014-Jan-07
TW	99119063	2010-Jun-11	TW 201113515 A	2011-Apr-16	TW 1411776 B	2013-Oct-11
TW	99119919	2010-Jun-18	TW 201113516 A	2011-Apr-16	TW 1407098 B	2013-Sep-01

TW	99125036	2010-Jul-29 TW 201132968 A	2011-Oct-01 TW I489102 B	2015-Jun-21
US	12/850,899	2010-Aug-05 US 20120032076 A1	2012-Feb-09 US 8217349 B2	2012-Jul-10
US	12/855,538	2010-Aug-12 US 20100302520 A1	2010-Dec-02	
TW	99127658	2010-Aug-19 TW 201110254 A	2011-Mar-16 TW I437652 B	2014-May-11
US	12/862,590	2010-Aug-24 US 20120049064 A1	2012-Mar-01 US 8319192 B2	2012-Nov-27
TW	99128821	2010-Aug-27 TW 201216449 A	2012-Apr-16 TW I503958 B	2015-Oct-11
TW	99128823	2010-Aug-27 TW 201118370 A	2011-Jun-01 TW I414784 B	2013-Nov-11
US	13/073,405	2010-Sep-14	US 9251581 B1	2016-Feb-02
US	12/881,425	2010-Sep-14		
US	12/890,200	2010-Sep-24 US 20110013826 A1	2011-Jan-20 US 8299463 B2	2012-Oct-30
US	12/909,745	2010-Oct-21 US 20120098409 A1	2012-Apr-26 US 8896195 B2	2014-Nov-25
TW	99137237	2010-Oct-29 TW 201117254 A	2011-May-16 TW I398897 B	2013-Jun-11
US	12/968,229	2010-Dec-14 US 20120145898 A1	2012-Jun-14 US 8552377 B2	2013-Oct-08
US	13/939,675	2010-Dec-14 US 20130327953 A1	2013-Dec-12 US 9076629 B2	2015-Jul-07
US	12/968,201	2010-Dec-14 US 20120145900 A1	2012-Jun-14 US 8294095 B2	2012-Oct-23
US	12/968,221	2010-Dec-14 US 20120145917 A1	2012-Jun-14 US 8445862 B2	2013-May-21
US	12/972,299	2010-Dec-17 US 20110084591 A1	2011-Apr-14	
US	13/012,710	2011-Jan-24 US 20110192975 A1	2011-Aug-11 US 9184024 B2	2015-Nov-10
WE	11849196.8	2011-Feb-16 EP 2652486 A1	2013-Oct-23	
WO	WO/2011/025098	2011-Feb-16 WO 2012082169 A1	2012-Jun-21	
IL	226093	2011-Feb-16 IL 226093 A	2013-Jun-27 IL 226093 A	2018-Mar-01
JP	2013544458	2011-Feb-16 JP 2013546152 A	2013-Dec-26 JP 5634619 B2	2014-Oct-24
EP	17168702.3	2011-Feb-16 EP 3232444 A1	2017-Oct-18	
WE	11848482.3	2011-Feb-16 EP 2652485 A1	2013-Oct-23 EP 2652485 B1	2017-May-24
DE	11848482.3	2011-Feb-16 EP 2652485 A1	2013-Oct-23 EP 2652485 B1	2017-May-24
NL	11848482.3	2011-Feb-16 EP 2652485 A1	2013-Oct-23 EP 2652485 B1	2017-May-24
WO	WO/2011/025100	2011-Feb-16 WO 2012082171 A1	2012-Jun-21	
IL	225975	2011-Feb-16 IL 225975 A	2013-Jun-27 IL 225975 A	2018-Mar-01
JP	2012549164	2011-Feb-16 JP 2013511820 A	2013-Apr-04 JP 5506951 B2	2014-Mar-28
US	13/032,105	2011-Feb-22 US 20120212601 A1	2012-Aug-23 US 8432441 B2	2013-Apr-30
US	13/785,240	2011-Feb-22 US 20130202186 A1	2013-Aug-08 US 9282293 B2	2016-Mar-08
US	13/785,256	2011-Feb-22 US 20130182939 A1	2013-Jul-18 US 9100553 B2	2015-Aug-04
TW	100106959	2011-Mar-02 TW 201142902 A	2011-Dec-01 TW I419196 B	2013-Dec-11
US	13/073,253	2011-Mar-28		
US	14/738,791	2011-Mar-28	US 10102619 B2	2018-Oct-16
US	15/250,184	2011-Mar-28	US 9965844 B1	2018-May-08
US	16/160,958	2011-Mar-28		
TW	100111421	2011-Mar-31 TW 201140640 A	2011-Nov-16 TW I462143 B	2014-Nov-21
TW	100111424	2011-Mar-31 TW 201218238 A	2012-May-01 TW I453781 B	2014-Sep-21
TW	100111426	2011-Mar-31 TW 201140641 A	2011-Nov-16 TW I445039 B	2014-Jul-11
US	61/482,084	2011-May-03		
US	13/111,851	2011-May-19	US 8274046 B1	2012-Sep-25
US	13/112,536	2011-May-20 US 20120292509 A1	2012-Nov-22 US 8575573 B2	2013-Nov-05
US	14/039,939	2011-May-20 US 20140027634 A1	2014-Jan-30 US 9113538 B2	2015-Aug-18
US	14/755,626	2011-May-20 US 20150305131 A1	2015-Oct-22 US 9572237 B2	2017-Feb-14
TW	100118213	2011-May-25 TW 201142903 A	2011-Dec-01 TW I441231 B	2014-Jun-11
US	13/154,483	2011-Jun-07	US 9494856 B1	2016-Nov-15
US	14/268,213	2011-Jun-07	US 9541824 B1	2017-Jan-10
US	14/697,066	2011-Jun-07		
TW	100125948	2011-Jul-22 TW 201221948 A	2012-Jun-01 TW I458968 B	2014-Nov-01
US	13/211,206	2011-Aug-16	US 8294094 B1	2012-Oct-23

TW	100130056	2011-Aug-23 TW 201209877 A	2012-Mar-01 TW 1435362 B	2014-Apr-21
US	13/236,108	2011-Sep-19 US 20120006984 A1	2012-Jan-12 US 8604428 B2	2013-Dec-10
US	13/240,721	2011-Sep-22 US 20120070067 A1	2012-Mar-22 US 8923601 B2	2014-Dec-30
US	13/269,038	2011-Oct-07 US 20120027287 A1	2012-Feb-02 US 8805054 B2	2014-Aug-12
US	13/271,811	2011-Oct-12 US 20130094017 A1	2013-Apr-18 US 8698070 B2	2014-Apr-15
US	13/292,455	2011-Nov-09 US 20130112889 A1	2013-May-09 US 8436317 B1	2013-May-07
US	13/298,651	2011-Nov-17	US 8421029 B1	2013-Apr-16
US	13/303,953	2011-Nov-23		
TW	100143068	2011-Nov-24 TW 201310025 A	2013-Mar-01 TW 1449903 B	2014-Aug-21
TW	100143682	2011-Nov-29 TW 201235635 A	2012-Sep-01 TW 1435052 B	2014-Apr-21
US	13/311,043	2011-Dec-05	US 8712184 B1	2014-Apr-29
TW	100145455	2011-Dec-09 TW 201225146 A	2012-Jun-16 TW 1441230 B	2014-Jun-11
US	13/323,572	2011-Dec-12 US 20120080056 A1	2012-Apr-05	
US	61/577,888	2011-Dec-20		
US	61/584,945	2012-Jan-10		
US	61/587,227	2012-Jan-17		
JP	2012010467	2012-Jan-20 JP 2012175101 A	2012-Sep-10 JP 5614596 B2	2014-Sep-19
US	61/605,398	2012-Mar-01		
US	61/607,166	2012-Mar-06		
US	13/417,404	2012-Mar-12 US 20130234032 A1	2013-Sep-12 US 8895935 B2	2014-Nov-25
TW	101109064	2012-Mar-16 TW 201315976 A	2013-Apr-16 TW 1456174 B	2014-Oct-11
US	61/613,019	2012-Mar-20		
US	61/614,715	2012-Mar-23		
US	13/437,107	2012-Apr-02 US 20130257044 A1	2013-Oct-03 US 9581245 B2	2017-Feb-28
US	14/567,075	2012-Apr-02 US 20150091258 A1	2015-Apr-02 US 9605759 B2	2017-Mar-28
TW	101115831	2012-May-03 TW 201245698 A	2012-Nov-16 TW 1472751 B	2015-Feb-11
US	13/463,208	2012-May-03 US 20120280125 A1	2012-Nov-08 US 8519333 B2	2013-Aug-27
US	13/464,261	2012-May-04 US 20130153782 A1	2013-Jun-20 US 9000394 B2	2015-Apr-07
US	13/895,452	2012-May-04 US 20130248730 A1	2013-Sep-26 US 8791425 B2	2014-Jul-29
JP	2012108162	2012-May-10 JP 2012243763 A	2012-Dec-10 JP 5518128 B2	2014-Apr-11
TW	101117149	2012-May-14 TW 201338003 A	2013-Sep-16 TW 1455169 B	2014-Oct-01
TW	101117523	2012-May-17 TW 201248312 A	2012-Dec-01 TW 1507813 B	2015-Nov-11
TW	101118079	2012-May-21 TW 201248672 A	2012-Dec-01 TW 1450306 B	2014-Aug-21
TW	102119903	2012-May-21 TW 201405577 A	2014-Feb-01 TW 1492244 B	2015-Jul-11
US	13/479,702	2012-May-24 US 20120228494 A1	2012-Sep-13 US 8692193 B2	2014-Apr-08
US	13/495,102	2012-Jun-13 US 20130334430 A1	2013-Dec-19 US 8829451 B2	2014-Sep-09
US	13/541,618	2012-Jul-03 US 20120273678 A1	2012-Nov-01 US 8937281 B2	2015-Jan-20
US	13/551,947	2012-Jul-18 US 20120318978 A1	2012-Dec-20 US 8592761 B2	2013-Nov-26
US	13/589,378	2012-Aug-20 US 20120314054 A1	2012-Dec-13 US 9768082 B2	2017-Sep-19
US	15/708,060	2012-Aug-20 US 20180076099 A1	2018-Mar-15	
TW	101138034	2012-Oct-16 TW 201327616 A	2013-Jul-01 TW 1466156 B	2014-Dec-21
US	61/727,806	2012-Nov-19		
US	13/737,065	2013-Jan-09 US 20130176549 A1	2013-Jul-11 US 9164399 B2	2015-Oct-20
US	13/741,654	2013-Jan-15 US 20130181138 A1	2013-Jul-18 US 8835867 B2	2014-Sep-16
US	13/776,939	2013-Feb-26	US 9002097 B1	2015-Apr-07
US	14/595,582	2013-Feb-26	US 9436985 B1	2016-Sep-06
US	13/785,222	2013-Mar-05 US 20130188037 A1	2013-Jul-25 US 9041795 B2	2015-May-26
US	13/826,015	2013-Mar-14	US 8748814 B1	2014-Jun-10
US	13/848,854	2013-Mar-22 US 20130277554 A1	2013-Oct-24 US 8618480 B2	2013-Dec-31
US	61/804,794	2013-Mar-25		
US	61/823,042	2013-May-14		

US	61/872,205	2013-Aug-30		
US	61/875,390	2013-Sep-09		
US	61/898,577	2013-Nov-01		
US	14/081,465	2013-Nov-15	US 20140151554 A1	2014-Jun-05 US 8907281 B2 2014-Dec-09
US	14/512,583	2013-Nov-15	US 20150060670 A1	2015-Mar-05 US 9000369 B2 2015-Apr-07
US	14/512,672	2013-Nov-15	US 20150060665 A1)	2015-Mar-05 US 9000370 B2 2015-Apr-07
US	61/919,217	2013-Dec-20		
TW	103105565	2014-Feb-19	TW 201435365 A	2014-Sep-16 TW I526697 B 2016-Mar-21
US	14/220,358	2014-Mar-20	US 20140291510 A1	2014-Oct-02 US 9190241 B2 2015-Nov-17
US	14/560,784	2014-Mar-20	US 20150083912 A1	2015-Mar-26 US 10020164 B2 2018-Jul-10
US	14/560,845	2014-Mar-20	US 20150155133 A1	2015-Jun-04 US 9362087 B2 2016-Jun-07
US	14/830,062	2014-Mar-20	US 20150371820 A1	2015-Dec-24
US	14/276,000	2014-May-13	US 20140284476 A1	2014-Sep-25 US 9000395 B2 2015-Apr-07
US	14/608,828	2014-May-13	US 20150248990 A1	2015-Sep-03 US 9117626 B1 2015-Aug-25
US	14/611,741	2014-May-13		US 9048062 B1 2015-Jun-02
US	14/611,854	2014-May-13		US 9048063 B1 2015-Jun-02
US	14/468,674	2014-Aug-26	US 20150060662 A1	2015-Mar-05 US 9105440 B2 2015-Aug-11
US	62/042,378	2014-Aug-27		
TW	103129772	2014-Aug-29	TW 201511065 A	2015-Mar-16 TW I509653 B 2015-Nov-21
US	14/481,247	2014-Sep-09	US 20150069232 A1	2015-Mar-12 US 9330987 B2 2016-May-03
US	62/055,066	2014-Sep-25		
US	14/531,263	2014-Nov-03	US 20150049411 A1	2015-Feb-19 US 9991147 B2 2018-Jun-05
US	14/564,921	2014-Dec-09	US 20150144788 A1	2015-May-28 US 9177758 B2 2015-Nov-03
US	62/089,547	2014-Dec-09		
US	62/089,609	2014-Dec-09		
US	62/089,536	2014-Dec-09		
US	14/572,052	2014-Dec-16	US 20150179384 A1	2015-Jun-25 US 9202658 B2 2015-Dec-01
US	14/575,102	2014-Dec-18	US 20150102220 A1	2015-Apr-16 US 9485846 B2 2016-Nov-01
US	15/339,421	2014-Dec-18	US 20170052129 A1	2017-Feb-23 US 10088438 B2 2018-Oct-02
US	15/339,496	2014-Dec-18	US 20170053774 A1	2017-Feb-23 US 10054556 B2 2018-Aug-21
US	16/147,277	2014-Dec-18		
US	62/107,716	2015-Jan-26		
US	62/120,614	2015-Feb-25		
US	62/127,478	2015-Mar-03		
US	62/130,819	2015-Mar-10		
US	62/137,978	2015-Mar-25		
US	62/160,031	2015-May-12		
US	14/716,385	2015-May-19	US 20160343534 A1	2016-Nov-24 US 9536697 B2 2017-Jan-03
TW	104118435	2015-Jun-05	TW 201642301 A	2016-Dec-01
US	14/796,565	2015-Jul-10	US 20170053774 A1	2017-Feb-23 US 9859089 B2 2018-Jan-02
US	14/800,098	2015-Jul-15	US 20160035533 A1	2016-Feb-04 US 9384936 B2 2016-Jul-05
US	62/194,925	2015-Jul-21		
US	62/195,353	2015-Jul-22		
US	14/833,583	2015-Aug-24	US 20160064180 A1	2016-Mar-03 US 9431209 B2 2016-Aug-30
US	14/952,067	2015-Nov-25	US 20160314572 A1	2016-Oct-27
US	62/260,822	2015-Nov-30		
US	14/964,274	2015-Dec-09	US 20160172150 A1	2016-Jun-16 US 9583306 B2 2017-Feb-28
US	14/964,221	2015-Dec-09	US 20160163500 A1	2016-Jun-09 US 9799484 B2 2017-Oct-24
US	15/404,440	2015-Dec-09	US 20170125202 A1	2017-May-04 US 9812283 B2 2017-Nov-07
US	15/404,618	2015-Dec-09	US 20170125203 A1	2017-May-04 US 10032600 B2 2018-Jul-24
US	15/404,694	2015-Dec-09	US 20170125204 A1	2017-May-04 US 9754760 B2 2017-Sep-05

US	16/042,871	2015-Dec-09		
US	14/964,316	2015-Dec-09	US 20160163502 A1	2016-Jun-09 US 9437395 B2 2016-Sep-06
US	62/270,090	2015-Dec-21		
US	15/007,873	2016-Jan-27	US 20160217968 A1	2016-Jul-28 US 10008360 B2 2018-Jun-26
US	16/018,008	2016-Jan-27		
US	62/287,626	2016-Jan-27		
US	15/049,524	2016-Feb-22	US 20160247660 A1	2016-Aug-25 US 9953803 B2 2018-Apr-24
US	15/960,425	2016-Feb-22	US 20180247789 A1	2018-Aug-30
US	15/060,576	2016-Mar-03	US 20160260579 A1	2016-Sep-08 US 9601311 B2 2017-Mar-21
US	15/065,342	2016-Mar-09	US 20160268096 A1	2016-Sep-15 US 9691588 B2 2017-Jun-27
US	15/403,749	2016-Mar-09	US 20170125206 A1	2017-May-04 US 9691586 B2 2017-Jun-27
US	15/633,639	2016-Mar-09	US 20170309449 A1	2017-Oct-26 US 10109456 B2 2018-Oct-23
US	16/167,429	2016-Mar-09		
US	15/078,369	2016-Mar-23	US 20160284505 A1	2016-Sep-29
WE	16762718.1	2016-Apr-13	EP 3268979 A1	2018-Jan-17
WO	WO/US2016/027267	2016-Apr-13	WO 2016145458 A1	2016-Sep-15
CN	201680026508.6	2016-Apr-13	CN 108292583 A	2018-Jul-17
JP	2017-567053	2016-Apr-13		
KR	10-2017-7028836	2016-Apr-13	KR 20180018483 A	2018-Feb-21
SG	11201707178R	2016-Apr-13		
US	15/150,858	2016-May-10	US 20160336142 A1	2016-Nov-17 US 9607805 B2 2017-Mar-28
US	15/403,685	2016-May-10	US 20170125205 A1	2017-May-04 US 10115559 B2 2018-Oct-30
US	16/174,146	2016-May-10		
US	15/213,781	2016-Jul-19	US 20170025241 A1	2017-Jan-26 US 9922799 B2 2018-Mar-20
US	15/925,606	2016-Jul-19	US 20180350555 A1	2018-Dec-06
US	15/216,258	2016-Jul-21	US 20170025243 A1	2017-Jan-26
WE	16828551.8	2016-Jul-21	EP 3325950 A1	2018-May-30
WO	WO/US2016/043375	2016-Jul-21	WO 2017015483 A1	2017-Jan-26
CN	201680051694.9	2016-Jul-21	CN 108738363 A	2018-Nov-02
IL	256895	2016-Jul-21		
JP	2018-503180	2016-Jul-21	JP 2018520495 A	2018-Jul-19
KR	10-2018-7003901	2016-Jul-21	KR 20180030605 A	2018-Mar-23
SG	11201800270Q	2016-Jul-21		
US	62/372,084	2016-Aug-08		
US	62/375,257	2016-Aug-15		
US	62/380,607	2016-Aug-29		
US	62/380,704	2016-Aug-29		
US	62/408,880	2016-Oct-17		
US	62/413,551	2016-Oct-27		
US	62/413,543	2016-Oct-27		
US	15/365,145	2016-Nov-30	US 20170154756 A1	2017-Jun-01 US 10141160 B2 2018-Nov-27
US	16/200,421	2016-Nov-30		
WE	16871412.9	2016-Nov-30	EP 3384279 A1	2018-Oct-10
WO	PCT/US2016/064195	2016-Nov-30	WO 2017095908	2016-Jun-08
CN	201680069949.4	2016-Nov-30	CN 108738343 A	2018-Nov-02
IL	259602	2016-Nov-30		
JP	2018-526522	2016-Nov-30		
KR	10-2018-7018600	2016-Nov-30		
SG	11201804208V	2016-Nov-30		
US	62/436,095	2016-Dec-19		
US	15/386,735	2016-Dec-21		

US	62/440,493	2016-Dec-30		
US	62/447,585	2017-Jan-18		
US	62/447,581	2017-Jan-18		
US	62/447,576	2017-Jan-18		
US	62/447,568	2017-Jan-18		
US	62/447,565	2017-Jan-18		
US	62/447,558	2017-Jan-18		
US	15/417,360	2017-Jan-27	US 10062541 B2	2018-Aug-28
WE	17744929.5	2017-Jan-27	EP 3408829 A1	2018-Dec-05
WO	PCT/US2017/015223	2017-Jan-27	WO 2017132435	2017-Aug-03
CN	201780019776.X	2017-Jan-27	CN 108885187 A	2018-Nov-23
IL	260629	2017-Jan-27		
JP	2018-538555	2017-Jan-27		
KR	10-2018-7024537	2017-Jan-27		
SG	11201806100P	2017-Jan-27		
US	62/455,674	2017-Feb-07		
TW	106104145	2017-Feb-08	TW 201830451 A	2018-Aug-16
US	62/461,974	2017-Feb-22		
US	15/440,111	2017-Feb-23	US 20180240645 A1	2018-Aug-23 US 10176967 B2 2019-Jan-08
US	16/241,910	2017-Feb-23		
US	62/467,375	2017-Mar-06		
US	62/467,994	2017-Mar-07		
US	62/492,043	2017-Apr-28		
US	62/531,793	2017-Jul-12		
US	62/534,032	2017-Jul-18		
US	62/538,609	2017-Jul-28		
WO	PCT/EP2017/069270	2017-Jul-31	WO 2018029018 A1	2018-Feb-15
US	62/540,548	2017-Aug-02		
TW	106126688	2017-Aug-08	TW 201810343 A	2018-Mar-16
US	62/543,242	2017-Aug-09		
WO	PCT/EP2017/070567	2017-Aug-14	WO 2018033511 A1	2018-Feb-22
TW	106127561	2017-Aug-15	TW 201820065 A	2018-Jun-01
US	62/546,479	2017-Aug-16		
US	62/549,413	2017-Aug-23		
WO	PCT/EP2017/071268	2017-Aug-24	WO 2018041696 A1	2018-Mar-08
CN	PCT/EP2017/071268	2017-Aug-24		
KR	PCT/EP2017/071268	2017-Aug-24		
US	PCT/EP2017/071268	2017-Aug-24		
WO	PCT/EP2017/071477	2017-Aug-26	WO 2018041744 A2	2018-Mar-08
US	62/550,613	2017-Aug-26		
TW	106129119	2017-Aug-28	TW 201812576 A	2018-Apr-01
TW	106129290	2017-Aug-29	TW 201822241 A	2018-Jun-16
US	62/555,032	2017-Sep-06		
US	62/555,542	2017-Sep-07		
US	62/560,135	2017-Sep-18		
US	62/560,122	2017-Sep-18		
US	62/560,622	2017-Sep-19		
US	62/563,601	2017-Sep-26		
US	62/564,994	2017-Sep-28		
US	62/564,983	2017-Sep-28		
US	62/564,966	2017-Sep-28		

US	62/566,177	2017-Sep-29		
US	62/566,195	2017-Sep-29		
US	62/566,132	2017-Sep-29		
US	62/566,153	2017-Sep-29		
US	62/566,149	2017-Sep-29		
US	62/566,102	2017-Sep-29		
US	62/566,212	2017-Sep-29		
US	62/566,189	2017-Sep-29		
US	62/567,134	2017-Oct-02		
US	62/570,625	2017-Oct-10		
US	62/570,624	2017-Oct-10		
US	62/571,085	2017-Oct-11		
WO	PCT/EP2017/076384	2017-Oct-16	WO 2018073192 A1	2018-Apr-26
TW	106135436	2017-Oct-17	TW 201819753 A	2018-Jun-01
WO	PCT/EP2017/077155	2017-Oct-24	WO 2018077873 A1	2018-May-03
US	62/577,129	2017-Oct-25		
TW	106136888	2017-Oct-26	TW 201820376 A	2018-Jun-01
US	62/583,290	2017-Nov-08		
US	15/826,600	2017-Nov-29		
WO	PCT/EP2017/081334	2017-Dec-04	WO 2018114299 A1	2018-Jun-28
US	62/595,039	2017-Dec-05		
TW	106144089	2017-Dec-15	TW 201833540 A	2018-Sep-16
WO	PCT/EP2017/084429	2017-Dec-22	WO 2018122176 A1	2018-Jul-05
TW	106146133	2017-Dec-28	TW 201841186 A	2018-Nov-16
US	62/612,593	2017-Dec-31		
US	62/612,599	2017-Dec-31		
US	62/616,420	2018-Jan-11		
US	62/616,407	2018-Jan-11		
US	62/617,136	2018-Jan-12		
WO	PCT/EP2018/050903	2018-Jan-15	WO 2018134158 A1	2018-Jul-26
TW	107101929	2018-Jan-18	TW 201841069 A	2018-Nov-16
WO	PCT/EP2018/051162	2018-Jan-18	WO 2018134286 A1	2018-Jul-26
TW	107101911	2018-Jan-18	TW 201840968 A	2018-Nov-16
WO	PCT/EP2018/051164	2018-Jan-18	WO 2018134287 A1	2018-Jul-26
TW	107101853	2018-Jan-18	TW 201841276 A	2018-Nov-16
TW	107101927	2018-Jan-18	TW 201840969 A	2018-Nov-16
WO	PCT/EP2018/051171	2018-Jan-18	WO 2018134290 A1	2018-Jul-26
WO	PCT/EP2018/052480	2018-Feb-01	WO 2018145983 A1	2018-Aug-16
TW	107104233	2018-Feb-07	TW 201841190 A	2018-Nov-16
WO	PCT/EP2018/054144	2018-Feb-20	WO 2018153856 A1	2018-Aug-30
TW	107105969	2018-Feb-22	TW 201837470 A	2018-Oct-16
WO	PCT/EP2018/055210	2018-Mar-02	WO 2018162358 A1	2018-Sep-13
TW	107107401	2018-Mar-06	TW 201843392 A	2018-Dec-16
US	62/641,204	2018-Mar-09		
US	62/651,650	2018-Apr-02		
WO	PCT/EP2018/058631	2018-Apr-04	WO 2018197169 A1	2018-Nov-01
US	62/660,765	2018-Apr-20		
TW	107114123	2018-Apr-26		
US	62/665,451	2018-May-01		
US	62/682,730	2018-Jun-08		
US	62/684,138	2018-Jun-12		

US	62/684,141	2018-Jun-12
WO	PCT/EP2018/068980	2018-Jul-12
US	62/697,898	2018-Jul-13
US	62/697,927	2018-Jul-13
US	62/699,643	2018-Jul-17
WO	PCT/EP2018/069524	2018-Jul-18
US	62/701,466	2018-Jul-20
TW	107125610	2018-Jul-25
US	16/047,987	2018-Jul-27
TW	107126318	2018-Jul-30
US	16/053,636	2018-Aug-02
US	62/716,832	2018-Aug-09
US	62/719,378	2018-Aug-17
WO	PCT/EP2018/073161	2018-Aug-28
US	62/723,983	2018-Aug-28
US	62/723,995	2018-Aug-28
WO	PCT/EP2018/073548	2018-Aug-31
TW	107130775	2018-Sep-03
TW	107130927	2018-Sep-04
US	62/730,972	2018-Sep-13
WO	PCT/EP2018/074985	2018-Sep-14
TW	107132382	2018-Sep-14
WO	PCT/EP2018/074833	2018-Sep-14
WO	PCT/EP2018/074834	2018-Sep-14
TW	107132570	2018-Sep-17
TW	107132735	2018-Sep-18
US	62/733,040	2018-Sep-18
WO	PCT/EP2018/075610	2018-Sep-21
WO	PCT/EP2018/075621	2018-Sep-21
WO	PCT/EP2018/075930	2018-Sep-25
WO	PCT/EP2018/075984	2018-Sep-25
WO	PCT/EP2018/075986	2018-Sep-25
WO	PCT/EP2018/075996	2018-Sep-25
TW	107133540	2018-Sep-25
WO	PCT/EP2018/075926	2018-Sep-25
WO	PCT/EP2018/075927	2018-Sep-25
WO	PCT/EP2018/075928	2018-Sep-25
WO	PCT/EP2018/075929	2018-Sep-25
TW	107134287	2018-Sep-28
TW	107134288	2018-Sep-28
TW	107134289	2018-Sep-28
TW	107134290	2018-Sep-28
TW	107134261	2018-Sep-28
WO	PCT/EP2018/076477	2018-Sep-28
TW	107134541	2018-Sep-28
TW	107134786	2018-Oct-02
WO	PCT/EP2018/076707	2018-Oct-02
WO	PCT/EP2018/077102	2018-Oct-05
TW	107135395	2018-Oct-08
US	62/744,558	2018-Oct-11
US	62/748,251	2018-Oct-19

US	62/749,566	2018-Oct-23
US	62/768,799	2018-Nov-16
WO	PCT/EP2018/082840	2018-Nov-28
WO	PCT/EP2018/083452	2018-Dec-05
WO	PCT/EP2018/085808	2018-Dec-19
TW	107147063	2018-Dec-26
US	62/785,106	2018-Dec-26
US	62/786,131	2018-Dec-28
US	62/787,227	2018-Dec-31
US	62/787,066	2018-Dec-31
US	62/786,942	2018-Dec-31
US	62/787,128	2018-Dec-31
US	62/787,031	2018-Dec-31
US	62/786,905	2018-Dec-31
US	62/786,865	2018-Dec-31
US	62/787,203	2018-Dec-31
US	62/787,157	2018-Dec-31