

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4706409

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
MICROSOFT CORPORATION		11/22/2017
RECEIVING PARTY DATA		
Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	
PROPERTY NUMBERS Total: 73		
Property Type	Number	
Patent Number:	8451269	
Patent Number:	8125468	
Patent Number:	8144271	
Patent Number:	8181122	
Patent Number:	8209628	
Patent Number:	8259240	
Patent Number:	8269729	
Patent Number:	8289316	
Patent Number:	8325181	
Patent Number:	8334867	
Patent Number:	8335996	
Patent Number:	8368653	
Patent Number:	8400449	
Patent Number:	8405653	
Patent Number:	8407606	
Patent Number:	8429567	
Patent Number:	8429568	
Patent Number:	8441467	
Patent Number:	8451268	
Patent Number:	8456466	

PATENT

Property Type	Number
Patent Number:	8462148
Patent Number:	8473862
Patent Number:	8493384
Patent Number:	8499255
Patent Number:	8519970
Patent Number:	8564565
Patent Number:	8599165
Patent Number:	8619047
Patent Number:	8619075
Patent Number:	8624853
Patent Number:	8629869
Patent Number:	8633924
Patent Number:	8654104
Patent Number:	8658917
Patent Number:	8674948
Patent Number:	8736581
Patent Number:	8745514
Patent Number:	8745536
Patent Number:	8766931
Patent Number:	8788967
Patent Number:	8929697
Patent Number:	8954638
Patent Number:	9018548
Patent Number:	9041679
Patent Number:	9098192
Patent Number:	9128548
Patent Number:	9176630
Patent Number:	9207851
Patent Number:	9239637
Patent Number:	9250725
Patent Number:	9256342
Patent Number:	9274654
Patent Number:	9323396
Patent Number:	9372591
Patent Number:	9377950
Patent Number:	9430066
Patent Number:	9477649
Patent Number:	9483146

Property Type	Number
Patent Number:	9569032
Patent Number:	9589538
Patent Number:	9612693
Patent Number:	9626034
Patent Number:	9632605
Patent Number:	9671890
Patent Number:	9218071
Application Number:	13404473
Application Number:	14329788
Application Number:	14166757
Application Number:	14852093
Application Number:	14920159
Application Number:	15398043
Application Number:	12687828
Application Number:	15447395

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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: 425-707-9382

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Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

NAME OF SUBMITTER:	CATHERINE POLANCE
SIGNATURE:	/Catherine Polance/
DATE SIGNED:	11/28/2017

Total Attachments: 19

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ASSIGNMENT OF PATENTS AND APPLICATIONS

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

Microsoft Corporation, a corporation organized under the laws of Washington and having an office and place of business at One Microsoft Way, Redmond, Washington 98052 ("ASSIGNOR"),

hereby sells, assigns, transfers, and conveys to

Microsoft Technology Licensing, LLC, a limited liability company organized under the laws of Washington and having an office and place of business at One Microsoft Way, Redmond, Washington 98052 ("ASSIGNEE"),

all right, title and interest ASSIGNOR has in and to the patents and patent applications listed in Exhibit A, ("PATENTS") attached hereto, including any and all legal rights to sue for past, present and future infringement, to collect royalties, to prosecute all existing patent applications worldwide, to apply for additional patents worldwide and to have patents issue in the name of ASSIGNEE.

Assignor also assigns and transfers to the Assignee and the Assignee's legal representatives, successors and assigns, its full and exclusive rights in and to the Intellectual Property including the PATENTS in the U.S. and every foreign country, and its entire right, title, and interest in and to the related applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the Intellectual Property including the PATENTS and related applications.

Upon said consideration, Assignor conveys to the Assignee the right to make application in its own behalf on the Intellectual Property including the PATENTS and related applications in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications.

(1) ASSIGNOR requests and authorizes the appropriate officials in any country, to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(2) ASSIGNOR grants to ASSIGNEE and its agents the authority and power to insert on this instrument any further identification necessary or desirable for purposes of recordation in the Patent and Trademark Office of any country.

(3) ASSIGNOR certifies that the person signing this assignment is a lawful representative of ASSIGNOR and is authorized to execute this assignment its behalf.

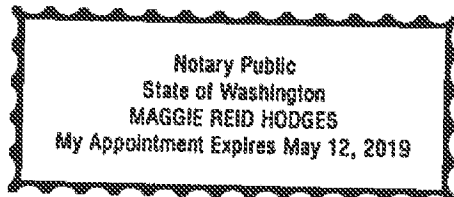
(4) This assignment will become effective on the date when both ASSIGNOR and ASSIGNEE have signed it.

22 Nov 17
[Date]

Signature of *Danielle J. Holmes* for ASSIGNOR
Danielle Johnston Holmes, Secretary, Microsoft Corporation

I certify that the above-identified ASSIGNOR, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day in person, and acknowledged that the said instrument was signed and delivered as the free and voluntary act of the ASSIGNOR, for the uses and purposes therein set forth.

Given under my hand and seal, this NOV 22, 2017 [Date].



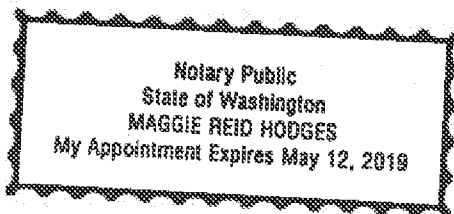
Maggie Reid Hodges
Maggie Reid Hodges - NOTARY PUBLIC
In and for the State of Washington U.S.A.
Residing at King County, Washington U.S.A.
My Appointment expires: 5/12/2019

ACCEPTANCE.

11/22/2017 Signature of [Signature] for ASSIGNEE.
[Date] Sandip S. Minhas, President, Microsoft Technology Licensing, LLC

I certify that the above-identified ASSIGNEE, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day in person, and acknowledged that the said instrument was signed and delivered as the free and voluntary act of the ASSIGNEE, for the uses and purposes therein set forth.

Given under my hand and seal, this Nov. 22, 2017 [Date].



[Signature]
Maggie Reid Hodges - NOTARY PUBLIC
In and for the State of Washington U.S.A.
Residing at King County, Washington U.S.A.
My Appointment expires: 5/12/2019

EXHIBIT A

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337424-US-PSP		61/117952	Inactive
United States Of America	337424-US-PSP[2]		61/236794	Inactive
United States Of America	337424-US-NP	8745536	12/625773	Grant
United States Of America	337424-US-CNT[2]	8405653	13/426300	Grant
United States Of America	337424-US-CNT[7]	8629869	13/428075	Grant
United States Of America	337424-US-CNT	8451269	13/428099	Grant
United States Of America	337424-US-CNT[5]	8400449	13/428168	Grant
United States Of America	337424-US-CNT[4]	8633924	13/428181	Grant
United States Of America	337424-US-CNT[3]	8619075	13/428209	Grant
United States Of America	337424-US-CNT[6]	8334867	13/428243	Grant
United States Of America	337425-US-NP	8599165	12/857024	Grant
PCT	337425-WO-PCT		PCT/US11/47844	Inactive
Brazil	337425-BR-PCT		BR112013003633-8	Local filing
Canada	337425-CA-PCT		2808429	Local filing
China	337425-CN-PCT	ZL201180045911.0	201180045911.0	Grant

Country	Case reference	Grant Number	Filing Number	Status
India	337425-IN-PCT		1271/CHENP/2013	Local filing
Japan	337425-JP-PCT	5852117	2013-524920	Grant
South Korea / Republic of Korea	337425-KR-PCT		10-2013-7006497	Publication of application
Malaysia	337425-MY-PCT		PI 2013700263	Local filing
Russian Federation	337425-RU-PCT	2575475	2013111838	Grant
Singapore	337425-SG-PCT	188230	201301182-0	Grant
European Procedure	337425-EP-EPT		11757446.7	Publication of application
Hong Kong	337425-HK-FPR		13111818.2	Publication of application
United States Of America	337426-US-PSP		61/142328	Inactive
United States Of America	337426-US-NP[2]		12/652002	Inactive
United States Of America	337426-US-NP[3]		12/652003	Inactive
United States Of America	337426-US-NP	8407606	12/652010	Grant
United States Of America	337426-US-CNT		14/329788	Publication of application
United States Of America	337427-US-NP	8519970	12/838420	Grant
PCT	337427-WO-PCT		PCT/US11/43936	Inactive
Brazil	337427-BR-PCT		BR 11 2013 0011 92 0	Local filing
Canada	337427-CA-PCT		2805104	Local filing

Country	Case reference	Grant Number	Filing Number	Status
China	337427-CN-PCT	201180034847.6	201180034847.6	Grant
European Procedure	337427-EP-EPT		11744135.2	Inactive
India	337427-IN-PCT		348/CHENP/2013	Local filing
Japan	337427-JP-PCT	5819425	2013-520748	Grant
South Korea / Republic of Korea	337427-KR-PCT		10-2013-7001216	Publication of application
Mexico	337427-MX-PCT	320271	MX/a/2013/000624	Grant
Russian Federation	337427-RU-PCT	2597519	2013101764	Grant
Singapore	337427-SG-PCT	186988	201300158-1	Grant
Hong Kong	337427-HK-FPR		13112386.2	Publication of application
United States Of America	337427-US-CNT	9612693	14/010312	Grant
United States Of America	337428-US-PSP		61/043863	Inactive
United States Of America	337428-US-NP[4]	8788967	12/420475	Grant
United States Of America	337428-US-NP[3]	9372591	12/420480	Grant
United States Of America	337428-US-NP	8335996	12/420493	Grant
United States Of America	337428-US-NP[2]	9256342	12/420501	Grant
PCT	337428-WO-PCT		PCT/US09/39907	Inactive
United States Of America	337429-US-PSP		61/044109	Inactive

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337429-US-NP[2]	8745514	12/422974	Grant
United States Of America	337429-US-NP	8209628	12/422983	Grant
United States Of America	337429-US-CNT		14/166757	Publication of application
United States Of America	337430-US-PSP		60/952679	Inactive
United States Of America	337430-US-NP	8181122	12/182385	Grant
PCT	337430-WO-PCT		PCT/US08/71548	Inactive
United States Of America	337430-US-CNT	8429568	13/469850	Grant
United States Of America	337431-US-PSP		61/180408	Inactive
United States Of America	337431-US-NP	8473862	12/785134	Grant
United States Of America	337431-US-CNT[8]		13/404439	Inactive
United States Of America	337431-US-CNT[7]	8499255	13/404494	Grant
United States Of America	337431-US-CNT[4]		13/404473	Notice of Allowance
United States Of America	337431-US-CNT[5]		13/404718	Inactive
United States Of America	337431-US-CNT[3]		13/404899	Inactive
United States Of America	337431-US-CNT[2]	9671890	13/404926	Grant
United States Of America	337431-US-CNT	8429567	13/404583	Grant
United States Of America	337431-US-CNT[6]	9626034	13/953680	Grant

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337467-US-NP	8766931	12/838419	Grant
PCT	337467-WO-PCT		PCT/US11/43935	Inactive
Brazil	337467-BR-PCT		BR 11 2013 0011 94 7	Local filing
Canada	337467-CA-PCT		2805189	Local filing
China	337467-CN-PCT	201180034895.5	201180034895.5	Grant
European Procedure	337467-EP-EPT		11744134.5	Publication of application
India	337467-IN-PCT		347/CHENP/2013	Local filing
Japan	337467-JP-PCT	5826840	2013-520747	Grant
South Korea / Republic of Korea	337467-KR-PCT		10-2013-7001217	Publication of application
Mexico	337467-MX-PCT	329278	MX/a/2013/000626	Grant
Russian Federation	337467-RU-PCT	2574418	2013101772	Grant
Singapore	337467-SG-PCT	186990	201300161-5	Grant
Hong Kong	337467-HK-FPR		13112385.3	Publication of application
United States Of America	337467-US-CNT	9569032	14/289501	Grant
United States Of America	337468-US-PSP		60/887489	Inactive
United States Of America	337468-US-NP	8269729	12/024001	Grant
United States Of America	337468-US-NP[2]	8674948	12/024007	Grant

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337468-US-NP[3]	8368653	12/024005	Grant
PCT	337468-WO-PCT[3]		PCT/US08/52707	Inactive
PCT	337468-WO-PCT[2]		PCT/US08/52713	Inactive
PCT	337468-WO-PCT		PCT/US08/52721	Inactive
United States Of America	337469-US-NP		12/838422	Inactive
PCT	337469-WO-PCT		PCT/US11/43937	Inactive
Brazil	337469-BR-PCT		BR 11 2013 0011 90 4	Local filing
Canada	337469-CA-PCT		2805431	Inactive
China	337469-CN-PCT		201180034913.X	Inactive
European Procedure	337469-EP-EPT		11748773.6	Publication of application
India	337469-IN-PCT		346/CHENP/2013	Local filing
Japan	337469-JP-PCT	5837929	2013-520749	Grant
South Korea / Republic of Korea	337469-KR-PCT		10-2013-7001218	Publication of application
Mexico	337469-MX-PCT	328647	MX/a/2013/000625	Grant
Russian Federation	337469-RU-PCT		2013101765	Inactive
Singapore	337469-SG-PCT		201300163-1	Inactive
Hong Kong	337469-HK-FPR		13112378.2	Publication of application

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337469-US-DIV		14/852093	Publication of application
Japan	337469-JP-PCD	6017658	2015-209609	Publication of grant
European Procedure	337469-EP-EPD		16198966.0	Inactive
Japan	337469-JP-PCD[2]		2016-184094	Publication of application
China	337469-CN-PCD		201710342397.6	Local filing
United States Of America	337470-US-NP	9239637	12/871668	Grant
PCT	337470-WO-PCT		PCT/US11/49512	Inactive
Brazil	337470-BR-PCT		BR 11 2013 004689 9	Local filing
Canada	337470-CA-PCT		2809038	Local filing
China	337470-CN-PCT	201180041594.5	201180041594.5	Grant
India	337470-IN-PCT		1571/CHENP/2013	Local filing
Japan	337470-JP-PCT	5845264	2013-527155	Grant
South Korea / Republic of Korea	337470-KR-PCT		10-2013-7005159	Publication of application
Malaysia	337470-MY-PCT		PI2013700305	Local filing
Russian Federation	337470-RU-PCT	2574417	2013108883	Grant
Singapore	337470-SG-PCT		201301209-1	Inactive
European Procedure	337470-EP-EPT	2612218	11758600.8	Inactive

Country	Case reference	Grant Number	Filing Number	Status
Hong Kong	337470-HK-FPR	1186782	13112439.9	Grant
France	337470-FR-EPA	2612218	11758600.8	Grant
Germany	337470-DE-EPA	602011008779.7	11758600.8	Grant
Netherlands	337470-NL-EPA	2612218	11758600.8	Grant
United Kingdom	337470-GB-EPA	2612218	11758600.8	Grant
Singapore	337470-SG-PCD		10201506808P	Publication of application
United States Of America	337470-US-CNT		14/997968	Inactive
United States Of America	337471-US-NP	9176630	12/871652	Grant
PCT	337471-WO-PCT		PCT/US11/49534	Inactive
Brazil	337471-BR-PCT		BR 11 2013 004704 6	Local filing
Canada	337471-CA-PCT		2809116	Local filing
China	337471-CN-PCT	ZL201180041616.8	201180041616.8	Grant
European Procedure	337471-EP-EPT	2612219	11764014.4	Inactive
India	337471-IN-PCT		1570/CHENP/2013	Local filing
Japan	337471-JP-PCT	5840691	2013-527161	Grant
South Korea / Republic of Korea	337471-KR-PCT		10-2013-7005156	Publication of application
Malaysia	337471-MY-PCT		PI2013700306	Local filing

Country	Case reference	Grant Number	Filing Number	Status
Russian Federation	337471-RU-PCT	2565517	2013108765	Grant
Singapore	337471-SG-PCT	187897	201301211-7	Grant
Hong Kong	337471-HK-FPR	1186549	13113930.1	Grant
France	337471-FR-EPA	2612219	11764014.4	Grant
Germany	337471-DE-EPA	602011009990.6	11764014.4	Grant
Netherlands	337471-NL-EPA	2612219	11764014.4	Grant
United Kingdom	337471-GB-EPA	2612219	11764014.4	Grant
United States Of America	337471-US-CNT		14/920159	Publication of application
United States Of America	337472-US-NP	8619047	13/021261	Grant
PCT	337472-WO-PCT		PCT/US12/23913	Inactive
China	337472-CN-PCT	ZL201280007540.1	201280007540.1	Grant
European Procedure	337472-EP-EPT		12704350.3	Publication of application
Japan	337472-JP-PCT		2013-552704	Inactive
South Korea / Republic of Korea	337472-KR-PCT		10-2013-7020986	Local filing
United States Of America	337473-US-PSP		61/636125	Inactive
United States Of America	337473-US-NP	9218071	13/797585	Grant
United States Of America	337474-US-PSP		61/048713	Inactive

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337474-US-NP		12/432563	Inactive
United States Of America	337474-US-DIV[3]		13/399551	Inactive
United States Of America	337474-US-DIV[2]		13/399609	Inactive
United States Of America	337474-US-DIV		13/399694	Inactive
United States Of America	337474-US-CNT[4]		15/447395	Filing
United States Of America	337474-US-CNT[3]		15/398043	Publication of application
United States Of America	337475-US-NP	8658917	13/021335	Grant
PCT	337475-WO-PCT		PCT/US12/23915	Inactive
United States Of America	337475-US-DIV	9018548	14/167942	Grant
United States Of America	337476-US-PSP		61/448502	Inactive
United States Of America	337476-US-NP	8564565	13/298622	Grant
PCT	337476-WO-PCT		PCT/US11/61178	Inactive
European Procedure	337476-EP-EPT		11788956.8	Publication of application
China	337476-CN-PCT	ZL201180068907.6	201180068907.6	Grant
Japan	337476-JP-PCT	5968922	2013-556610	Grant
South Korea / Republic of Korea	337476-KR-PCT		10-2013-7023131	Publication of application
United States Of America	337477-US-PSP		61/322792	Inactive

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337477-US-NP	8929697	13/083922	Grant
United States Of America	337478-US-PSP		61/477007	Inactive
United States Of America	337478-US-NP		13/451090	Inactive
PCT	337478-WO-PCT		PCT/US12/34226	Inactive
China	337478-CN-PCT		201280019251.3	Inactive
European Procedure	337478-EP-EPT		12774487.8	Publication of application
Japan	337478-JP-PCT	6018624	2014-506545	Publication of grant
South Korea / Republic of Korea	337478-KR-PCT		10-2013-7027531	Inactive
United States Of America	337479-US-PSP		61/322793	Inactive
United States Of America	337479-US-NP	9250725	13/084245	Grant
United States Of America	337506-US-PSP		61/165853	Inactive
United States Of America	337506-US- PSP[2]		61/248670	Inactive
United States Of America	337506-US-NP[5]	8451268	12/753073	Grant
United States Of America	337506-US-NP[6]	8456466	12/753080	Grant
United States Of America	337506-US-NP	8462148	12/753083	Grant
United States Of America	337506-US-NP[3]	8289316	12/753085	Grant
United States Of America	337506-US-NP[4]	8325181	12/753093	Grant

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337506-US-NP[2]	8493384	12/753095	Grant
United States Of America	337506-US-CNT[2]	8654104	13/947966	Grant
United States Of America	337506-US-CNT	9041679	14/183430	Grant
United States Of America	337507-US-PSP		61/142625	Inactive
United States Of America	337507-US-NP	9477649	12/652632	Grant
United States Of America	337508-US-PSP		61/144716	Inactive
United States Of America	337508-US-NP		12/687828	Publication of application
PCT	337508-WO-PCT		PCT/US10/21075	Inactive
Australia	337508-AU-PCT		2010204636	Inactive
Canada	337508-CA-PCT		2749607	Local filing
European Procedure	337508-EP-EPT	2387745	10732101.0	Inactive
Japan	337508-JP-PCT	5780970	2011-546340	Grant
Belgium	337508-BE-EPA	2387745	10732101.0	Grant
Czech Republic	337508-CZ-EPA	2387745	10732101.0	Grant
France	337508-FR-EPA	2387745	10732101.0	Grant
Germany	337508-DE-EPA	602010031719.6	10732101.0	Grant
Italy	337508-IT-EPA	2387745	10732101.0	Grant

Country	Case reference	Grant Number	Filing Number	Status
Netherlands	337508-NL-EPA	2387745	10732101.0	Grant
Spain	337508-ES-EPA	2387745	10732101.0	Grant
Sweden	337508-SE-EPA	2387745	10732101.0	Grant
United Kingdom	337508-GB-EPA	2387745	10732101.0	Grant
United States Of America	337509-US-PSP		61/409508	Inactive
United States Of America	337509-US-NP	9377950	13/287017	Grant
United States Of America	337510-US-NP	9098192	13/469749	Grant
PCT	337510-WO-PCT		PCT/US2013/040678	Inactive
China	337510-CN-PCT	ZL201380024697.X	201380024697.X	Grant
European Procedure	337510-EP-EPT		13726062.6	Publication of application
United States Of America	337511-US-PSP		61/297560	Inactive
United States Of America	337511-US-NP	9207851	13/012100	Grant
United States Of America	337512-US-PSP		61/286601	Inactive
United States Of America	337512-US-NP		12/969288	Inactive
United States Of America	337513-US-PSP		61/182984	Inactive
United States Of America	337513-US-PSP[2]		61/182992	Inactive
United States Of America	337513-US-PSP[3]		61/219742	Inactive

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337513-US-NP[3]	8736581	12/757937	Grant
United States Of America	337513-US-NP[2]	8624853	12/757693	Grant
United States Of America	337513-US-NP	9323396	12/791663	Grant
PCT	337513-WO-PCT[3]		PCT/US10/36684	Inactive
PCT	337513-WO-PCT[2]		PCT/US10/36880	Inactive
PCT	337513-WO-PCT		PCT/US2010/036706	Inactive
China	337513-CN-PCT	201080034238.6	201080034238.6	Grant
European Procedure	337513-EP-EPT	2438502	10727234.6	Inactive
South Korea / Republic of Korea	337513-KR-PCT	10-1640632	10-2012-7000079	Grant
Germany	337513-DE-EPA	602010007182.0	10727234.6	Grant
Netherlands	337513-NL-EPA	2438502	10727234.6	Grant
United Kingdom	337513-GB-EPA	2438502	10727234.6	Grant
United States Of America	337514-US-PSP		61/255276	Inactive
United States Of America	337514-US-NP	9274654	12/913491	Grant
PCT	337514-WO-PCT		PCT/US2010/054324	Inactive
China	337514-CN-PCT	201080059534.1	201080059534.1	Grant
European Procedure	337514-EP-EPT		10827440.8	Publication of application

Country	Case reference	Grant Number	Filing Number	Status
Japan	337514-JP-PCT	5681200	2012-537008	Grant
South Korea / Republic of Korea	337514-KR-PCT		10-2012-7013480	Notice of Allowance
Hong Kong	337514-HK-FPR		13102731.5	Publication of application
United States Of America	337515-US-PSP		60/821325	Inactive
United States Of America	337515-US- PSP[3]		60/953966	Inactive
United States Of America	337515-US- PSP[2]		60/952709	Inactive
United States Of America	337515-US-NP[2]	8441467	11/833908	Grant
PCT	337515-WO- PCT[3]		PCT/US07/75221	Inactive
China	337515-CN-PCT		200880110302.7	Inactive
European Procedure	337515-EP-EPT		07813780.9	Inactive
Japan	337515-JP-PCT		2009523076	Inactive
South Korea / Republic of Korea	337515-KR-PCT		10-2009-7004408	Inactive
United States Of America	337515-US-NP[3]	8125468	12/182440	Grant
PCT	337515-WO-PCT		PCT/US08/71553	Inactive
United States Of America	337515-US-NP	8144271	12/185782	Grant
PCT	337515-WO- PCT[2]		PCT/US08/72164	Inactive
European Procedure	337515-EP- EPT[2]		08782614.5	Publication of application

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	337515-US-CNT	8259240	13/430484	Grant
United States Of America	337515-US-CNT[2]		13/601798	Inactive
United States Of America	337874-US-NP	9589538	13/654365	Grant
United States Of America	337877-US-NP	9483146	13/654391	Grant
United States Of America	337893-US-NP		13/654383	Inactive
United States Of America	337894-US-NP	9430066	13/654377	Grant
United States Of America	337895-US-NP		13/654372	Inactive
PCT	337895-WO-PCT		PCT/US2013/065528	Inactive
China	337895-CN-PCT		201380054433.9	Inactive
European Procedure	337895-EP-EPT		13786786.7	Publication of application
United States Of America	337896-US-NP	9632605	13/654374	Grant
United States Of America	337897-US-NP	8954638	13/654108	Grant
United States Of America	337897-US-CIP	9128548	13/673547	Grant
United States Of America	337898-US-NP		13/654363	Inactive