

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5749188

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
CERTICOM CORP.		09/30/2019
RECEIVING PARTY DATA		
Name:	BLACKBERRY LIMITED	
Street Address:	2200 UNIVERSITY AVENUE EAST	
City:	WATERLOO	
State/Country:	ONTARIO	
Postal Code:	N2K 0A7	
PROPERTY NUMBERS Total: 289		
Property Type	Number	
Application Number:	12767957	
Application Number:	13861540	
Application Number:	11450418	
Application Number:	11711865	
Application Number:	13426004	
Application Number:	12145758	
Application Number:	12171398	
Application Number:	13283463	
Application Number:	12169795	
Application Number:	13887120	
Application Number:	12170658	
Application Number:	12230799	
Application Number:	12259433	
Application Number:	12260865	
Application Number:	13615311	
Application Number:	15987978	
Application Number:	12314610	
Application Number:	12609891	
Application Number:	12609772	
Application Number:	13106688	

PATENT

Property Type	Number
Application Number:	13533661
Application Number:	12610082
Application Number:	12639710
Application Number:	12707913
Application Number:	11641943
Application Number:	13564472
Application Number:	14458971
Application Number:	10185042
Application Number:	12821882
Application Number:	10348756
Application Number:	12390030
Application Number:	14176803
Application Number:	15152250
Application Number:	09677785
Application Number:	09667819
Application Number:	10921870
Application Number:	09761700
Application Number:	09745488
Application Number:	09582499
Application Number:	09871672
Application Number:	11521358
Application Number:	09900959
Application Number:	11483553
Application Number:	12837268
Application Number:	13621021
Application Number:	09885959
Application Number:	11095542
Application Number:	10119803
Application Number:	12495429
Application Number:	13619557
Application Number:	09907935
Application Number:	12840008
Application Number:	13552373
Application Number:	13615389
Application Number:	09933720
Application Number:	09948793
Application Number:	11931236
Application Number:	11867594

Property Type	Number
Application Number:	11155899
Application Number:	11855608
Application Number:	12950626
Application Number:	13451467
Application Number:	09619633
Application Number:	13421589
Application Number:	11012595
Application Number:	13285749
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Application Number:	10196286
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Application Number:	13539038
Application Number:	13549176
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Application Number:	12071576
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Application Number:	13620274
Application Number:	10117186
Application Number:	09903612
Application Number:	12110661
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Application Number:	09903989
Application Number:	11691638
Application Number:	09905113
Application Number:	11668617
Application Number:	14470851
Application Number:	09918646
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Application Number:	10058214
Application Number:	11519207
Application Number:	13618305
Application Number:	10058213
Application Number:	13075988
Application Number:	12101590
Application Number:	10058212
Application Number:	12197667

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Application Number:	14470364
Application Number:	16113518
Application Number:	12549075
Application Number:	10726493
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Application Number:	12899282
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Application Number:	15145428
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Application Number:	16385605
Application Number:	15270957

Property Type	Number
Application Number:	15470259
Application Number:	15824398
Application Number:	16158971

CORRESPONDENCE DATA

Fax Number: (519)883-4935

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: 519-597-8056

Email: patentformaldocs@blackberry.com

Correspondent Name: BLACKBERRY LIMITED - KRISTA

Address Line 1: 2200 UNIVERSITY AVENUE E.

Address Line 4: WATERLOO, ONTARIO N2K 0A7

ATTORNEY DOCKET NUMBER: CERTICOM

NAME OF SUBMITTER: KRISTA LUFT

SIGNATURE: /krista luft/

DATE SIGNED: 10/02/2019

Total Attachments: 37

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CONFIRMATION AND ASSIGNMENT

WHEREAS CERTICOM CORP., a corporation organized under the laws of the Province of Ontario, Canada, having a place of business at 4701 Tahoe Blvd., Tahoe A, 6th Floor, Mississauga, Ontario, L4W 0B5, Canada, (the "ASSIGNOR") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignor Inventions"); and

WHEREAS BLACKBERRY LIMITED, a corporation organized under the laws of the Province of Ontario, Canada, having a place of business at 2200 University Avenue East, Waterloo, Ontario, N2K 0A7, Canada, (the "ASSIGNEE") is the owner of certain rights, title and interest in and to certain inventions and designs (the "Assignee Inventions"); and

WHEREAS ASSIGNOR and ASSIGNEE agree that ASSIGNEE is the owner of developments, modifications, improvements, adaptations of and derivative works, related to the Assignor Inventions or Assignee Inventions, whether created by ASSIGNEE or ASSIGNOR or on their behalf (the "Developments"), and that ASSIGNOR has received full market consideration therefor; and

WHEREAS ASSIGNOR wishes to confirm that ASSIGNEE is the owner of all rights, title and interest of the ASSIGNOR in and to certain of the Developments ("Creations"), described in documents, descriptions and/or drawings ("Creation Documents"), and/or described in applications for patents, design registrations, utility model registrations and other forms of protection ("Applications"), inclusive of any and all priority rights derived therefrom, and all ancillary rights relating thereto, as listed in Schedule "A" attached hereto.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, ASSIGNOR and ASSIGNEE, intending to be legally bound, agree as follows:

ASSIGNOR hereby confirms that it has transferred, conveyed and assigned, and by way of further assurance, to the extent that the transfer, conveyance or assignment has not already been fully effected, ASSIGNOR hereby transfers, conveys and assigns, any and all of its rights, title and interest in and to: the Creations; the Creation Documents; Applications, inclusive of any and all priority rights, including the right to claim priority, derived from the Applications; any further applications for patents, designs, utility models or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Creations in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Creations and Creation Documents; and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Creations, Creation Documents, Applications,

Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this assignment; with the intent that the Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR hereby agrees, upon request, to provide assistance and to execute any and all further documents which may be necessary or desirable to enable ASSIGNEE or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Creations, Creation Documents, Applications, Further Applications, Divisionals and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR further agrees to execute, upon request, any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR does hereby authorize ASSIGNEE or its patent agents or attorneys to insert in Schedule "A" the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR hereby authorizes and requests The Commissioner of Patents, or any equivalent authority, to issue to ASSIGNEE each and every patent, registration and other forms of protection, right and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns and shall be binding upon ASSIGNOR and its successors and permitted assigns.

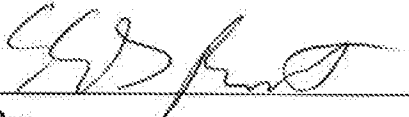
IF ANY COVENANT OR PROVISION, or portion thereof, of this document is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this document, and any such determination shall not, in any event, affect or impair the validity of the balance of the covenant or provision, nor shall it affect or impair the validity of any other covenant or provision herein contained.

DELIVERY of this Confirmation and Assignment by copy, however transmitted, constitutes valid and effective delivery. This Confirmation and Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, this Confirmation And Assignment has been executed below by the undersigned:

Certicom Corp.

Date: September 30, 2019



By:

Name: Keith Bennett

Title: Director

STATEMENT BY WITNESS

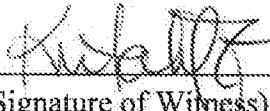
I, Krista Luft whose full Post Office Address is

2200 University Avenue East, Waterloo, Ontario, N2K 0A7, Canada

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: September 30, 2019

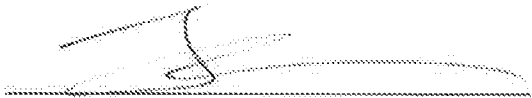


(Signature of Witness)

IN WITNESS WHEREOF, this Confirmation And Assignment has been executed below by the undersigned:

BlackBerry Limited

Date: September 30, 2019



By:

Name: Jay Chai

Title: Vice President and Corporate
Controller and Authorized Signing
Officer

STATEMENT BY WITNESS

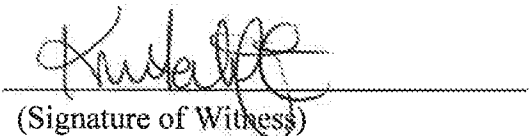
I, Krista Luft whose full Post Office Address is

2200 University Avenue East, Waterloo, Ontario, N2K 0A7, Canada

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: September 30, 2019



(Signature of Witness)

SCHEDULE "A" to Confirmation and Assignment

Country Code	Appl. No.	File Date	RIM File #
CA	2510366	21 Jun 2005	35303-1-CA-PAT
CA	2538087	28 Feb 2006	35303-1-CA-PAT[2]
CA	2611818	12 Jun 2006	35303-1-CA-PCT
CN	201010621868.5	29 Dec 2010	35303-1-CN-PCD
CN	201310021320.0	21 Jan 2013	35303-1-CN-PCD[2]
CN	200680025923.6	12 Jun 2006	35303-1-CN-PCT
DE	06752780.4	12 Jun 2006	35303-1-DE-EPT
EP	06752780.4	12 Jun 2006	35303-1-EP-EPT
FI	06752780.4	12 Jun 2006	35303-1-FI-EPT
FR	06752780.4	12 Jun 2006	35303-1-FR-EPT
GB	06752780.4	12 Jun 2006	35303-1-GB-EPT
HK	11109661.6	14 Sep 2011	35303-1-HK-FPR
JP	2008-516086	12 Jun 2006	35303-1-JP-PCT
KR	10-2013-7011231	30 Apr 2013	35303-1-KR-PCD
KR	10-2008-7001086	12 Jun 2006	35303-1-KR-PCT
NL	06752780.4	12 Jun 2006	35303-1-NL-EPT
SE	06752780.4	12 Jun 2006	35303-1-SE-EPT
SG	201004143.2	11 Jun 2010	35303-1-SG-PCD
SG	200718603.4	12 Jun 2006	35303-1-SG-PCT
US	12767957	27 Apr 2010	35303-1-US-CNT
US	13/861540	12 Apr 2013	35303-1-US-CNT[2]
US	11/450418	12 Jun 2006	35303-1-US-PAT
CA	2642363	28 Feb 2007	35303-CA-PCT
CN	201410426062.9	26 Aug 2014	35303-CN-PCD
CN	200780006742.3	28 Feb 2007	35303-CN-PCT
DE	07710656.5	28 Feb 2007	35303-DE-EPT
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FR	07710656.5	28 Feb 2007	35303-FR-EPT
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KR	10-2008-7023873	28 Feb 2007	35303-KR-PCT
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SG	201101091.5	16 Feb 2011	35303-SG-PCD
US	11/711865	28 Feb 2007	35303-US-PAT

CA	2593723		27 Jun 2007	35304-CA-PAT
US	13/426004		21 Mar 2012	35304-US-CNT
US	12/145758		25 Jun 2008	35304-US-PAT
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US	12/171398		11 Jul 2008	35306-US-PAT
US	13/283463		27 Oct 2011	35307-US-CNT
US	12/169795		09 Jul 2008	35307-US-PAT
CA	2693133		10 Jul 2008	35308-CA-PCT
JP	2010-516331		10 Jul 2008	35308-JP-PCT
US	13/887120		03 May 2013	35308-US-CNT
US	12/170658		10 Jul 2008	35308-US-PAT
CA	2698000		03 Sep 2008	35309-CA-PCT
US	12/230799		04 Sep 2008	35309-US-PAT
CA	2701573		28 Oct 2008	35310-CA-PCT
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US	12/260865		29 Oct 2008	35311-US-PAT
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DE	08859208.4		11 Dec 2008	35312-DE-EPT
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IN	4635/DELNP/2010	11 Dec 2008	35312-IN-PCT
NL	08859208.4	11 Dec 2008	35312-NL-EPT
US	13/615311	13 Sep 2012	35312-US-CNT
US	15/987978	24 May 2018	35312-US-DIV
US	12/314610	12 Dec 2008	35312-US-PAT
CA	2642399	30 Oct 2008	35314-CA-PAT
DE	09822947.9	30 Oct 2009	35314-DE-EPT
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US	12/609772	30 Oct 2009	35315-US-PAT
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US	13/106688	12 May 2011	35316-US-CNT
US	13/533661	26 Jun 2012	35316-US-CNT[2]
US	12/610082	30 Oct 2009	35316-US-PAT
CA	2746830	16 Dec 2009	35318-CA-PCT
CN	200980156789.7	16 Dec 2009	35318-CN-PCT
DE	09832777.8	16 Dec 2009	35318-DE-EPT
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GB	09832777.8	16 Dec 2009	35318-GB-EPT
JP	2011-541044	16 Dec 2009	35318-JP-PCT



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EP	10745753.3	18 Feb 2010	35320-EP-EPT
FR	10745753.3	18 Feb 2010	35320-FR-EPT
GB	10745753.3	18 Feb 2010	35320-GB-EPT
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GB	08166524.2	17 May 1996	35321-GB-EPD
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GB	02801270.6	17 Oct 2002	35326-GB-EPT
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US	13/564472	01 Aug 2012	35326-US-CNT[2]
US	14/458971	13 Aug 2014	35326-US-CNT[3]
US	10/185042	01 Jul 2002	35330-US-DIV[2]
US	12/821882	23 Jun 2010	35334-US-CNT
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GB	2800043		35340-GB-EPD
CA	2849630	07 Mar 2003	35341-CA-PCD
CA	2487912	07 Mar 2003	35341-CA-PCT
DE	0001516474	07 Mar 2003	35341-DE-EPT
DE	10167434.9	25 Jun 2010	35341-DE-ETD
DE	12156949.5	24 Feb 2012	35341-DE-ETD[2]
DE	14184154.4	09 Sep 2014	35341-DE-ETD[3]
EP	03743773.8	07 Mar 2003	35341-EP-EPT
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EP	12156949.5	24 Feb 2012	35341-EP-ETD[2]
EP	14184154.4	09 Sep 2014	35341-EP-ETD[3]

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GB	14184154.4	09 Sep 2014	35341-GB-ETD[3]
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NL	12156949.5	24 Feb 2012	35341-NL-ETD[2]
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US	15/152250	11 May 2016	35341-US-CNT[3]
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US	10/921870	20 Aug 2004	35346-US-CNT[2]
EP	99918996.2	10 May 1999	35347-EP-EPT
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US	09/745488	26 Dec 2000	35352-US-PCT
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GB	99971110.4	05 Oct 1999	35353-GB-EPT

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EP	99957798.4		06 Dec 1999	35354-EP-EPT
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US	12/837268		15 Jul 2010	35355-US-CNT[2]
US	13/621021		15 Sep 2012	35355-US-CNT[3]
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US	12/840008	20 Jul 2010	35358-US-CNT[2]
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US	09/933720	22 Aug 2001	35359-US-CNT
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FR	07111040.7	25 Jun 2007	35364-FR-EPD
FR	10184915.6	30 Sep 2010	35364-FR-EPD[2]
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GB	07111040.7	25 Jun 2007	35364-GB-EPD



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CA	2303542	30 Mar 2000	35366-CA-PAT
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EP	09010612.1	18 Aug 2009	35367-EP-ETD
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US	11/012595	16 Dec 2004	35367-US-CNT
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US	12/333135	11 Dec 2008	35367-US-DIV
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US	12/559091	14 Sep 2009	35368-US-CNT[2]
US	13/539038	29 Jun 2012	35368-US-CNT[3]
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GB	10183477.8	30 Sep 2010	35369-GB-ETD
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US	13/549176	13 Jul 2012	35369-US-CNT[3]
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US	09/665763	20 Sep 2000	35370-US-PAT
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FR	02710732.5	05 Feb 2002	35372-FR-EPT
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US	12/071576	22 Feb 2008	35372-US-CNT[2]
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US	13/620274	14 Sep 2012	35372-US-CNT[5]
US	10/117186	08 Apr 2002	35374-US-PAT
CA	2353192	13 Jul 2001	35376-CA-PAT
US	09/903612	13 Jul 2001	35376-US-PAT
CA	2353180	13 Jul 2001	35377-CA-PAT
US	12/110661	28 Apr 2008	35377-US-CNT
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CA	2353119	13 Jul 2001	35379-CA-PAT
US	09/903989	13 Jul 2001	35379-US-PAT
CA	2453853	16 Jul 2002	35381-CA-PCT
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CA	2354722	01 Aug 2001	35382-CA-PAT
US	11/668617	30 Jan 2007	35382-US-CNT
US	14/470851	27 Aug 2014	35382-US-CNT[2]
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CA	2369545	29 Jan 2002	35383-CA-PAT
US	11/687773	19 Mar 2007	35383-US-CNT
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CA	2487903	07 Mar 2003	35384-CA-PCT[2]
CA	2525894	17 May 2004	35384-CA-PCT[3]
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GB	04733283.8	17 May 2004	35384-GB-EPT[3]
GB	03743774.6	07 Mar 2003	35384-GB-EPT[4]
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JP	2006-529491	17 May 2004	35384-JP-PCT[3]
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NL	03743774.6	07 Mar 2003	35384-NL-EPT[4]
CA	2369540	29 Jan 2002	35385-CA-PAT
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US	13/618305	14 Sep 2012	35385-US-CNT[2]
US	10/058213	29 Jan 2002	35385-US-PAT
US	13/075988	30 Mar 2011	35385-US-REI
CA	2369537	29 Jan 2002	35386-CA-PAT

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US	12/101590		11 Apr 2008	35386-US-CNT
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US	10/428853		05 May 2003	35387-US-PAT
CA	2439736		03 Sep 2003	35388-CA-PAT
US	10/653206		03 Sep 2003	35388-US-PAT
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US	10/734231		15 Dec 2003	35390-US-PAT
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CA	2434992		07 Jul 2003	35392-CA-PAT
US	14/477637		04 Sep 2014	35392-US-CNT
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US	15/215187		20 Jul 2016	35392-US-CNT[3]
US	15/811194		13 Nov 2017	35392-US-CNT[4]
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GB	0418565.8		19 Aug 2004	35393-GB-PAT



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US	14/152055		10 Jan 2014	35393-US-CNT[2]
US	14/991161		08 Jan 2016	35393-US-CNT[3]
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JP	2011-23146		04 Feb 2011	35394-JP-PCD
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JP	2006-537016		28 Oct 2004	35394-JP-PCT
US	13/618060		14 Sep 2012	35394-US-CNT
US	14/203079		10 Mar 2014	35394-US-CNT[2]
US	14/992397		11 Jan 2016	35394-US-CNT[3]
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US	14/199421		06 Mar 2014	35396-US-CNT[2]
US	14/714401		18 May 2015	35396-US-CNT[3]
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US	13/618358		14 Sep 2012	35397-US-CNT[3]
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FR	05801773.2		11 Nov 2005	35398-FR-EPT[2]
GB	05801773.2		11 Nov 2005	35398-GB-EPT[2]
JP	2007-540747		11 Nov 2005	35398-JP-PCT[2]
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US	11/272151		14 Nov 2005	35398-US-PAT
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FR	05803301.0		14 Nov 2005	35399-FR-EPT[2]
GB	05803301.0		14 Nov 2005	35399-GB-EPT[2]
JP	2011-179245		18 Aug 2011	35399-JP-PCD[2]
JP	2007-540466		14 Nov 2005	35399-JP-PCT[2]
US	12/945234		12 Nov 2010	35399-US-CNT
US	13/495307		13 Jun 2012	35399-US-CNT[2]
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DE	05801157.8		11 Nov 2005	35400-DE-EPT[2]
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FI	05801157.8		11 Nov 2005	35400-FI-EPT[2]
FR	05801157.8		11 Nov 2005	35400-FR-EPT[2]
GB	05801157.8		11 Nov 2005	35400-GB-EPT[2]
JP	2007-540746		11 Nov 2005	35400-JP-PCT[2]
NL	05801157.8		11 Nov 2005	35400-NL-EPT[2]
SE	05801157.8		11 Nov 2005	35400-SE-EPT[2]
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JP	2007-547120		16 Dec 2005	35401-JP-PCT
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CA	2592875		18 Jan 2006	35402-CA-PCT
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EP	11178908.7		25 Aug 2011	35402-EP-ETD
FI	11178908.7		25 Aug 2011	35402-FI-ETD
FR	06701572.7		18 Jan 2006	35402-FR-EPT

FR	11178908.7	25 Aug 2011	35402-FR-ETD
GB	06701572.7	18 Jan 2006	35402-GB-EPT
GB	11178908.7	25 Aug 2011	35402-GB-ETD
HK	12105810.3	14 Jun 2012	35402-HK-FPR
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JP	2007-550647	18 Jan 2006	35402-JP-PCT
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SE	11178908.7	25 Aug 2011	35402-SE-ETD
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US	13/478288	23 May 2012	35402-US-CNT
US	13/620206	14 Sep 2012	35402-US-CNT[2]
US	14/318313	27 Jun 2014	35402-US-CNT[3]
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CN	201310067194.2	04 Mar 2013	35403-CN-PCD
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EP	06701776.4	20 Jan 2006	35403-EP-EPT
FI	06701776.4	20 Jan 2006	35403-FI-EPT
FR	06701776.4	20 Jan 2006	35403-FR-EPT
GB	06701776.4	20 Jan 2006	35403-GB-EPT
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SE	06701776.4	20 Jan 2006	35403-SE-EPT
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CA	2976795		18 Aug 2017	42314-1-CA-PCD
CA	2838675		04 May 2012	42314-1-CA-PCT
CN	201280039063.7		04 May 2012	42314-1-CN-PCT
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GB	12166817.2		04 May 2012	42314-1-GB-EPA
HK	13106072.3		22 May 2013	42314-1-HK-FPR
NL	12166817.2		04 May 2012	42314-1-NL-EPA
US	16/150930		03 Oct 2018	42314-1-US-CNT
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FR	2533457			42314-FR-EPA
GB	2533457			42314-GB-EPA
HK	13106074.1		22 May 2013	42314-HK-FPR
NL	2533457			42314-NL-EPA
US	13/463965		04 May 2012	42314-US-PAT



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FR	12185671.0		24 Sep 2012	42497-1-FR-EPA
GB	12185671.0		24 Sep 2012	42497-1-GB-EPA
US	13/242016		23 Sep 2011	42497-1-US-PAT
CA	2849763		21 Sep 2012	42497-2-CA-PCT
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GB	12185669.4		24 Sep 2012	42497-2-GB-EPA
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NL	11189607.2		17 Nov 2011	42591-NL-EPA
US	13/283456		27 Oct 2011	42591-US-PAT
CA	2793492		29 Oct 2012	42592-CA-PAT
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EP	12152533.1		25 Jan 2012	42592-EP-EPA

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GB	12152533.1		25 Jan 2012	42592-GB-EPA
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US	13/234944		16 Sep 2011	42913-US-PAT
CA	2792267		12 Oct 2012	43164-CA-PAT
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US	13/273503		14 Oct 2011	43164-US-PAT
CA	2829957		17 Oct 2013	43427-CA-PAT
CN	201310559789.X		12 Nov 2013	43427-CN-PAT
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FR	2600561			43521-FR-EPA
GB	2600561			43521-GB-EPA
HK	17108369.7		21 Aug 2017	43521-HK-FPR
KR	10-2014-7014762		26 Sep 2012	43521-KR-PCT
NL	2600561			43521-NL-EPA
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US	13/307078		30 Nov 2011	43521-US-PAT
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GB	13151270.9		15 Jan 2013	43591-GB-EPA

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US	13/741598	15 Jan 2013	43591-US-PAT
CA	2836890	18 Dec 2013	43800-CA-PAT
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FR	12/198920.6	21 Dec 2012	43800-FR-EPA
GB	12/198920.6	21 Dec 2012	43800-GB-EPA
US	13/723429	21 Dec 2012	43800-US-PAT
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EP	13/712042.4	11 Mar 2013	43817-EP-EPT
FR	13/712042.4	11 Mar 2013	43817-FR-EPT
GB	13/712042.4	11 Mar 2013	43817-GB-EPT
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CA	2860990	11 Jan 2013	43987-2-CA-PCT
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US	13/739671	11 Jan 2013	43987-2-US-PAT
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EP	13/736112.7	11 Jan 2013	43987-EP-EPT
FR	13/736112.7	11 Jan 2013	43987-FR-EPT
GB	13/736112.7	11 Jan 2013	43987-GB-EPT
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US	13/739652	11 Jan 2013	43987-US-PAT
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EP	13/718664.9	08 Mar 2013	44034-1-EP-EPT
FR	13/718664.9	08 Mar 2013	44034-1-FR-EPT
GB	13/718664.9	08 Mar 2013	44034-1-GB-EPT
US	13/791378	08 Mar 2013	44034-1-US-PAT
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EP	13/714061.2	08 Mar 2013	44034-EP-EPT
FR	13/714061.2	08 Mar 2013	44034-FR-EPT

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US	13/690001	30 Nov 2012	44238-US-PAT
US	13/691101	30 Nov 2012	44529-1-US-PAT
CA	2833120	13 Nov 2013	44529-CA-PAT
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CA	2792572	28 Sep 2012	44557-CA-PAT
US	13/458382	27 Apr 2012	44557-US-PAT
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FR	2873264		45277-FR-EPT
GB	2873264		45277-GB-EPT
NL	2873264		45277-NL-EPT
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US	14/921299	23 Oct 2015	45277-US-CNT
US	13/543099	06 Jul 2012	45277-US-PAT
CA	2820502	26 Jun 2013	45471-CA-PAT
US	13/536686	28 Jun 2012	45471-US-PAT
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EP	13741901.6	26 Jun 2013	45481-EP-EPT

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IE	17180145.9		06 Jul 2017	45481-IE-ETD
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KR	10-2015-7002418		26 Jun 2013	45481-KR-PCT
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US	13/536747		28 Jun 2012	45481-US-PAT
US	13/534948		27 Jun 2012	45486-US-PAT
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FR	13/27412.2		11 Mar 2013	45518-FR-EPT
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FR	12195450.7		04 Dec 2012	45682-FR-EPA
GB	12195450.7		04 Dec 2012	45682-GB-EPA

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CN	201910256449.7		29 Mar 2019	46843-CN-PCD
CN	201480036064.5		24 Jun 2014	46843-CN-PCT
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HK	16112140.6		20 Oct 2016	46843-HK-FPR
KR	10-2016-7001987		24 Jun 2014	46843-KR-PCT
US	15/272927		22 Sep 2016	46843-US-CNT
US	16/420867		23 May 2019	46843-US-CNT[2]
US	13/925299		24 Jun 2013	46843-US-PAT
US	16/431845		05 Jun 2019	46891-US-PAT
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US	13/920426		18 Jun 2013	47432-US-PAT
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EP	14191527.2		03 Nov 2014	47766-EP-EPA
US	14/930179		02 Nov 2015	47766-US-CNT
US	14/073379		06 Nov 2013	47766-US-PAT
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EP	15719027.3		20 Mar 2015	48219-EP-EPT
HK	17106786.6		06 Jul 2017	48219-HK-FPR
KR	10-2016-7025909		20 Mar 2015	48219-KR-PCT
US	15/223920		29 Jul 2016	48219-US-CNT
US	15/841530		14 Dec 2017	48219-US-CNT[2]
US	16/369669		29 Mar 2019	48219-US-CNT[3]
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CA	2983164		20 Apr 2016	48925-1-CA-PCT
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US	14/691372		20 Apr 2015	48925-1-US-PAT
CA	2983166		20 Apr 2016	48925-2-CA-PCT

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US	16/529629		01 Aug 2019	48925-US-CNT
US	14/691337		20 Apr 2015	48925-US-PAT
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EP	15197998.6		04 Dec 2015	49843-EP-EPA
FR	15197998.6		04 Dec 2015	49843-FR-EPA
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IN	201714031426		05 Sep 2017	50253-IN-PAT
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US	15/470259		27 Mar 2017	50307-US-PAT
US	15/824398		28 Nov 2017	50455-US-PAT
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