

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4332803

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
OPERA SOFTWARE IRELAND LTD.		02/28/2017
RECEIVING PARTY DATA		
Name:	PERFORMANCE AND PRIVACY IRELAND LTD.	
Street Address:	77 SIR JOHN ROGERSON'S QUAY	
Internal Address:	FITZWILLIAM BUSINESS CENTRE, PROPERTY SUITE 106	
City:	DUBLIN	
State/Country:	IRELAND	
Postal Code:	2	
PROPERTY NUMBERS Total: 60		
Property Type	Number	
Patent Number:	8443398	
Patent Number:	8711929	
Patent Number:	8630512	
Patent Number:	8375304	
Patent Number:	9247260	
Patent Number:	8648858	
Patent Number:	8468130	
Patent Number:	9271003	
Patent Number:	9106719	
Patent Number:	8762488	
Patent Number:	8484358	
Patent Number:	8792347	
Patent Number:	9329755	
Patent Number:	9154361	
Patent Number:	9160624	
Patent Number:	8713005	
Patent Number:	9331944	
Application Number:	13919971	
Application Number:	13300168	

Property Type	Number
Application Number:	14846647
Application Number:	14859051
Application Number:	15042952
Application Number:	62376286
Application Number:	12020472
Application Number:	61098833
Application Number:	14515391
Application Number:	60863888
Application Number:	60886577
Application Number:	61619350
Application Number:	61654689
Application Number:	61667879
Application Number:	61673188
Application Number:	61683717
Application Number:	61207491
Application Number:	61163365
Application Number:	61320683
Application Number:	61415312
Application Number:	61415314
Application Number:	61476215
Application Number:	61476214
Application Number:	61656483
Application Number:	61715260
Application Number:	61745391
Application Number:	61891368
Application Number:	62116341
PCT Number:	US2011031124
PCT Number:	US2011061449
PCT Number:	US2012033654
PCT Number:	US2013055460
PCT Number:	US2014060754
PCT Number:	US2007083218
PCT Number:	US2007083214
PCT Number:	US2007083203
PCT Number:	US2008052129
PCT Number:	US2008052092
PCT Number:	US2011061452
PCT Number:	US2012033658

Property Type	Number
PCT Number:	US2012033655
PCT Number:	US2013043873
PCT Number:	US2013051126

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ATTORNEY DOCKET NUMBER:	25253-01000
NAME OF SUBMITTER:	RAJIV P. PATEL, REG. NO. 39,327
SIGNATURE:	/Rajiv P. Patel/
DATE SIGNED:	03/23/2017

Total Attachments: 8

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CONFIRMATORY ASSIGNMENT

WHEREAS Opera Software Ireland Ltd., a corporation organized under the laws of the Republic of Ireland, having a place of business at Suite number 1262, Fitzwilliam Business Centre, 77 Sir John Rogerson's Quay, Dublin, 2 Ireland ("ASSIGNOR") and Performance and Privacy Ireland Ltd., a corporation organized under the laws of the Republic of Ireland, having a place of business at Property Suite 106, Fitzwilliam Business Centre, 77 Sir John Rogerson's Quay, Dublin 2, Ireland ("ASSIGNEE"), have entered into an Asset Purchase Agreement ("APA") dated September 30, 2016 and Amended February 28, 2017;

WHEREAS ASSIGNOR has transferred certain assets through the APA, including the patent assets set forth in the attached Appendix 2 ("PATENT CASES"); and

WHEREAS this confirmatory assignment confirms assignment of the PATENT CASES as follows:

For good and valuable consideration, the receipt of which has been hereby acknowledged, ASSIGNOR, has sold, assigned, and transferred and does hereby sell, assign, and transfer to ASSIGNEE, for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional or non-provisional application filed under 35 U.S.C. § 111, design application filed under 35 U.S.C. § 171, international application filed according to the Patent Cooperation Treaty (PCT), U.S. national phase application filed under 35 U.S.C. § 371, which are listed in Appendix 2, and any patents issuing thereon ("PATENT RIGHTS") and;

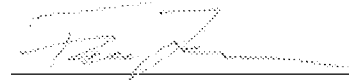
2. The entire worldwide right, title, and interest in and to:
(a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titled and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, transferee, assignee, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.



ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Duly Authorized Representative of ASSIGNOR

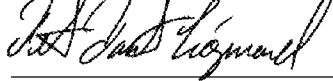


Frode Fleten Jacobsen
Director
Opera Software Ireland Limited

Date of Signature

February 28, 2017

Duly Authorized Representative of ASSIGNEE



Peter Panait Løjmand
Director
Performance and Privacy Ireland Limited

Date of Signature

February 28, 2017

Next Page: Appendix 2: Patent Case List



Appendix 2 (REVISED):

Appendix 2: Patent Case List
(25253-01000)

FW REF	COUNTRY	TITLE	STATUS	MATTER SUB MATTER TYPE	APPLICATION NUMBER	FILING DATE	PATENT NUMBER	ISSUE DATE	EARLIEST PRIORITY NUMBER	EARLIEST PRIORITY DATE	INVENTOR NAMES	PUBLICATION NUMBER	PUBLICATION DATE
		ACTIVE - Issued											
25253- 13366/US	US	Architecture For Delivery Of Video Content Responsive To Remote Interaction	Issued	Utility - NPREG	11/929,773	10/30/2007	8,443,398	5/14/2013	60863888	11/1/2006	Jaime Hellpern, Nitin Bhandari, Michael Guzewicz, Nirmal NAIR	US-2008-0104652	5/1/2008
25253- 13367/US	US	Network-Based Dynamic Encoding	Issued	Utility - NPREG	11/929,760	10/30/2007	8,711,929	4/29/2014	60863888	11/1/2006	Jaime Hellpern, Nitin Bhandari	US-2008-0101466	5/1/2008
25253- 13368/US	US	Dynamic Client-Server Video Tiling Streaming	Issued	Utility - NPREG	12/020,361	1/25/2008	8,630,512	1/14/2014	60886577	1/25/2007	Jaime Hellpern, Nitin Bhandari, Vijay Kumar	US-2008-0181498	7/31/2008
25253- 13369/US	US	Maintaining State Of A Web Page	Issued	Utility - NPREG	11/929,803	10/30/2007	8,375,304	2/12/2013	60886577	1/25/2007	Jaime Hellpern, Nitin Bhandari	US-2008-0104520	5/1/2008
25253- 13318/US	US	Hybrid Bitmap-Mode Encoding	Issued	Utility - NPREG	11/929,718	10/30/2007	9,247,260	1/26/2016	60863888	11/1/2006	Jaime Hellpern, Nitin Bhandari		
25253- 16592/US	US	Hybrid Text And Image Based Encoding	Issued	Utility - NPREG	12/731,866	3/25/2010	8,648,858	2/11/2014	61163365	3/25/2009	Jaime Hellpern, Vijay Kumar		
25253- 18218/US	US	Assisted Hybrid Mobile Browser	Issued	Utility - NPREG	13/079,699	4/4/2011	8,468,130	6/18/2013	61320683	4/2/2010	Nitin Bhandari, Geoffrey Dale Benson, Ishika Paul, James Marzano, Jaime Hellpern, Robert Oberhofer, Michael Guzewicz, Vijay Kumar	2011-0289108	11/24/2011
25253- 19365/US	US	Real-Time Audio or Video Transcoding	Issued	Utility - NPREG	13/434,764	3/29/2012	9,271,003	2/23/2016	61476215	4/15/2011	Erik R. Swenson, Nitin Bhandari, Vadim Arshansky	2012-0263241	10/18/2012
25253- 19366/US	US	Real-Time Video Optimizer	Issued	Utility - NPREG	13/448,214	4/16/2012	9,106,719	8/11/2015	61476214	4/15/2011	Nitin Bhandari, Jaime Hellpern, Robert Oberhofer	2012-0265901	10/18/2012
25253- 19449/US	US	Client-Selected Network Services	Issued	Utility - NPREG	13/300,152	11/18/2011	8,762,488	6/24/2014	61415314	11/18/2010	Jaime Hellpern, Nitin Bhandari	2012-0131138	5/24/2012
25253- 20084/US	US	Real-Time Video Detector	Issued	Utility - NPREG	13/448,227	4/16/2012	8,484,358	7/9/2013	61476214	4/15/2011	Nitin Bhandari, Jaime Hellpern, Robert Oberhofer, John Hansen	2012-0265847	10/18/2012
25253- 13366/KR	KR	Architecture For Delivery Of Video Content Responsive To Remove Interaction	Issued	Utility - NSPCT	10-2009-7009054	10/31/2007	10-1413126	6/23/2014	60863888	11/1/2006	Jaime Hellpern, Nitin Bhandari, Michael Guzewicz, Nirmal NAIR		
25253- 13369/KR	KR	Stateful Browsing	Issued	Utility - NSPCT	10-2009-7009149	10/31/2007	10-1413130	6/23/2014	60863888	11/1/2006	Jaime Hellpern, Nitin Bhandari		
25253- 13366/JP	JP	Architecture For Delivery Of Video Content Responsive To Remove Interaction	Issued	Utility - NSPCT	2009-534948	10/31/2007	5451397	1/10/2014	60863888	11/1/2006	Jaime Hellpern, Nitin Bhandari, Michael Guzewicz, Nirmal NAIR		



Appendix 2: Patent Case List (25253-01000)

FW REF	COUNTRY	TITLE	STATUS	MATTER SUB MATTER TYPE	APPLICATION NUMBER	FILING DATE	PATENT NUMBER	ISSUE DATE	EARLIEST PRIORITY NUMBER	EARLIEST PRIORITY DATE	INVENTOR NAMES	PUBLICATION NUMBER	PUBLICATION DATE
25253- 23536/US (T)	US	Real-Time Network Monitoring and Subscriber Identification with an On- Demand Appliance	Issued	Utility - NPREG	13/907,847	5/31/2013	8,792,347	7/29/2014	61654689	6/1/2012	Jaime Hellpern, Nitin Bhandari	2013-0322242	12/5/2013
25253- 23537/US (T)	US	Mobile Device Toolbar Architecture	Issued	Utility - NPREG	13/969,445	8/16/2013	9,329,755	5/3/2016	61683717	8/16/2012	Ronakkumar Patel	2014-0053107	2/20/2014
25253- 23538/US (T)	US	Just-in-Time Distributed Video Cache	Issued	Utility - NPREG	13/945,747	7/18/2013	9,154,361	10/6/2015	61/673188	7/18/2012	Erik R. Swenson, Jaime Hellpern, Sandeep Pombra, Ron Earley, Vadim Arshansky	2014-0025837	1/23/2014
25253- 23539/US (T)	US	Linked List Scripting Engine	Issued	Utility - NPREG	13/935,415	7/3/2013	9,160,624	10/13/2015	61667879	7/3/2012	Erik R. Swenson, Jaime Hellpern	2014-0012963	1/9/2014
25253- 23692/US (T)	US	Assisted Hybrid Mobile Browser	Issued	Utility - CON	13/891,996	5/10/2013	8,713,005	4/29/2014	61320683	4/2/2010	Geoffrey Dale Benson	2013-0262481	10/3/2013
25253- 20084/KR	KR	Real-Time Video Detector	Issued	Utility - NSPCT	10-2013-7030089	4/13/2012	10-1398319	5/15/2014	61476214	4/15/2011	Nitin Bhandari, Jaime Hellpern, Robert Oberhofer, John Hansen	10-2013- 0140192(A)	12/23/2013
25253- 26585/US (T)	US	Real-Time Network Monitoring and Subscriber Identification with an On- Demand Appliance	Issued	Utility - CON	14/786,032	5/23/2014	9,331,944	5/3/2016	61654689	6/1/2012	Erik R. Swenson, Nitin Bhandari	2014-0254380	9/11/2014
25253- 23536/KR	KR	Real-Time Network Monitoring and Subscriber Identification with an On- Demand Appliance	Issued	Utility - NSPCT	10-2014-7036908	6/3/2013	10-1578473	12/11/2015	61654689	6/1/2012	Jaime Hellpern, Nitin Bhandari	10-2014-7036908	3/26/2015
25253- 23536/RU	RU	Real-Time Network Monitoring and Subscriber Identification with an On- Demand Appliance	Issued	Utility - NSPCT	2014152884	6/3/2013	2585971	5/11/2016	61/654,689	6/1/2012	Erik R. Swenson, Nitin Bhandari		
25253- 23538/JP	JP	Just-in-Time Distributed Video Cache	Issued	Utility - NSPCT	2015-523261	7/18/2013	5961850	7/8/2016	61/673,188	7/18/2012	Erik R. Swenson, Jaime Hellpern, Sandeep Pombra, Ron Earley, Vadim Arshansky	2015-530781	
25253- 23538/KR	KR	Just-in-Time Distributed Video Cache	Issued	Utility - NSPCT	10-2015-7004371	7/18/2013	10-1629338	6/3/2016	61/673,188	7/18/2012	Erik R. Swenson, Jaime Hellpern, Sandeep Pombra, Ron Earley, Vadim Arshansky		
		ACTIVE - Allowed											



Appendix 2: Patent Case List (25253-01000)

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25253- 23850/US (1)	US	Real-Time Video Detector	Allowed	Utility - CON	13/919,971	6/17/2013			614/6214	4/15/2011	Erik R. Swenson, Nitin Bhandari, Jaime Hellpern, Robert Oberhofer, John Hansen	2013-0282874	10/24/2013
25253- 20084/CN	CN	Real-Time Video Detector	Allowed	Utility - NSPCT	201280025814.X	4/13/2012			614/6214	4/15/2011	Nitin Bhandari, Jaime Hellpern, Robert Oberhofer, John Hansen	CN 103583040 A.	2/12/2014
25253- 19450/US	US	Web Browser Toolbar	Pending	Utility - NPROG	13/300,168	11/18/2011			61415312	11/18/2010	Nitin Bhandari, James Marzano, Geoffrey Dale Benson, Ronakkumar Patel, Ethan A. Fassett	2012-0137221	5/31/2012
25253- 19450/EP	EP	Web Browser Toolbar	Pending	Utility - NSPCT	1184117.6	11/18/2011			61415312	11/18/2010	Nitin Bhandari, James Marzano, Geoffrey Dale Benson, Ronakkumar Patel, Ethan A. Fassett	2641144	9/25/2013
25253- 20084/EP	EP	Real-Time Video Detector	Pending	Utility - NSPCT	12770968.1	4/13/2012			61476214	4/15/2011	Nitin Bhandari, Jaime Hellpern, Robert Oberhofer, John Hansen	2697967	2/19/2014
25253- 19366/EP	EP	Real-Time Video Optimizer	Pending	Utility - NSPCT	12771178.6	4/13/2012			61476214	4/15/2011	Nitin Bhandari, Jaime Hellpern, Robert Oberhofer	2697968	
25253- 23536/CN	CN	A Method, Apparatus and System for Selectively Monitoring Traffic	Pending	Utility - NSPCT	201380038766. 2	6/3/2013			61/654,689	6/1/2012	Erik R. Swenson, Nitin Bhandari	CN 104488231 A	4/1/2015
25253- 23536/EP	EP	Real-Time Network Monitoring and Subscriber Identification with an On- Demand Appliance	Pending	Utility - NSPCT	13797712.0	6/3/2013			61/654,689	6/1/2012	Erik R. Swenson, Nitin Bhandari	2856710	4/8/2015
25253- 23536/IN	IN	Real-Time Network Monitoring and Subscriber Identification with an On- Demand Appliance	Pending	Utility - NSPCT	9186/CHENP/2014	6/3/2013			61/654,689	6/1/2012	Erik R. Swenson, Nitin Bhandari		
25253- 23538/CN	CN	Just-in-Time Distributed Video Cache	Pending	Utility - NSPCT	201380046871.0	7/18/2013			61/673,188	7/18/2012	Erik R. Swenson, Jaime Hellpern, Sandeep Pomra, Ron Earley, Vadim Arshansky	CN 104604240 A.	5/6/2015



Appendix 2: Patent Case List (25253-01000)

FW REF	COUNTRY	TITLE	STATUS	MATTER SUB MATTER TYPE	APPLICATION NUMBER	FILING DATE	PATENT NUMBER	ISSUE DATE	EARLIEST PRIORITY NUMBER	EARLIEST PRIORITY DATE	INVENTOR NAMES	PUBLICATION NUMBER	PUBLICATION DATE
25253- 23538/EP	EP	Just-in-Time Distributed Video Cache	Pending	Utility - NSPCT	13819265.3	7/18/2013			61/673,188	7/18/2012	Erik R. Swenson, Jaime Hellpern, Sandeep Pomhra, Ron Earley, Vadim Aishansky	2875635	5/27/2015
25253- 30675/US (T)	US	Just-in-Time Distributed Video Cache	Pending	Utility - DIV	14/846,647	9/4/2015			61/673,188	7/18/2012	Erik R. Swenson, Jaime Hellpern, Sandeep Pomhra, Ron Earley, Vadim Aishansky	2015-0081677	12/31/2015
25253- 30749/US (T)	US	Linked List Scripting Engine	Pending	Utility - CON	14/859,051	9/18/2015			61667879	7/3/2012	Erik R. Swenson, Jaime Hellpern, Nitin Bhandari, Erik R. Swenson	2016-0043898	2/11/2016
25253- 32669/US	US	Partial Video Pre-Fetch	Pending	Utility - NPREG	15/042,952	2/12/2016			62/116,341	2/13/2015	Nitin Bhandari, Erik R. Swenson	US 2016-0241913	8/18/2016
25253- 34566/US	US	Deriving Mobile Application Usage from Network Traffic	Pending	Prov - ORG	62/376,286	8/17/2016					Jaime Hellpern, Naveen Puwula, Jack Furr		
		INACTIVE - Expired / Closed / Abandoned											
25253- 13548/US	US	Mobile Device User Interface for Remote Interaction	Abandoned	Utility - NPREG	12/020,472	1/25/2008			60886577	1/25/2007	Jaime Hellpern, Nitin Bhandari, Alexander James Vincent, Dan Duong	US 2008-0184128	7/31/2008
25253- 18218/PCT	WO	Assisted Hybrid Mobile Browser	Abandoned	Utility - ORG	PCT/US2011/031124	4/4/2011			61320683	4/2/2010	Jaime Hellpern	2011/123859	10/6/2011
25253- 14756/US	US	Method For Sharing An Application Through Content Sharing	Abandoned	Prov - ORG	61/098,833	9/22/2008					Jaime Hellpern		
25253- 19449/PCT	WO	Client-Selected Network Services	Abandoned	Utility - ORG	PCT/US2011/061449	11/18/2011			61415314	11/18/2010	Jaime Hellpern, Nitin Bhandari	2012/068489	5/24/2012
19965/PCT	WO	Real-Time Audio or Video Transcoding	Abandoned	Utility - ORG	PCT/US2012/033654	4/13/2012			61476215	4/15/2011	Jaime Hellpern, Nitin Bhandari, Vadim Aishansky	2012/142507	10/18/2012
25253- 23537/PCT	WO	Mobile Device Toolbar Architecture	Abandoned	Utility - ORG	PCT/US2013/055460	8/16/2013			61/683,717	8/16/2012	Ronakkumar Patel	2014/028901	2/20/2014
25253- 27929/US	US	Pro-Active Mobile Network Data Usage Alert System	Abandoned	Utility - NPREG	14/515,391	10/15/2014			61/891,368	10/15/2013	Naveen Puwula, Nitin Bhandari	2015-0105043	4/16/2015
27929/PCT	WO	Pro-Active Mobile Network Data Usage Alert System	Abandoned	Utility - ORG	PCT/US2014/060754	10/15/2014			61/891,368	10/15/2013	Naveen Puwula, Nitin Bhandari	2015/057880	4/23/2015
25253- 13367/PCT	WO	Network-Based Dynamic Encoding	Closed	Utility - ORG	PCT/US2007/083218	10/31/2007			60863888	11/1/2006	Jaime Hellpern, Nitin Bhandari	WO 2008/067108	6/5/2008
25253- 13369/PCT	WO	Stateful Browsing	Completed	Utility - ORG	PCT/US2007/083214	10/31/2007			60863888	11/1/2006	Jaime Hellpern, Nitin Bhandari	WO 2008/057890	5/15/2008



Appendix 2: Patent Case List (25253-01000)

FW REF	COUNTRY	TITLE	STATUS	MATTER FILE MATTER TYPE	APPLICATION NUMBER	FILING DATE	PATENT NUMBER	ISSUE DATE	EARLIEST PRIORITY NUMBER	EARLIEST PRIORITY DATE	INVENTOR NAMES	PUBLICATION NUMBER	PUBLICATION DATE
25253-13366/PCT	WO	Architecture For Delivery Of Video Content Responsive To Remove Interaction	Completed	Utility - ORG	PCT/US2007/083203	10/31/2007			60863888	11/1/2006	Jaime Heilpern, Nitin Bhandari, Michael Guzewicz, Nirmal Nair	WO 2008/057888	5/15/2008
25253-13348/PCT	WO	Mobile Device User Interface For Remote Interaction	Completed	Utility - ORG	PCT/US2008/052129	1/25/2008			60886577	1/25/2007	Jaime Heilpern, Nitin Bhandari, Alexander James Vincent, Dan Duong	2008/092131	7/31/2008
25253-13368/PCT	WO	Dynamic Client-Server Video Tiling Streaming	Completed	Utility - ORG	PCT/US2008/052092	1/25/2008			60886577	1/25/2007	Nitin Bhandari, Jaime Heilpern, Vijay Kumar	2008/092104	7/31/2008
25253-19450/PCT	WO	Web Browser Toolbar	Completed	Utility - ORG	PCT/US2011/061452	11/18/2011			61415312	11/18/2010	Nitin Bhandari, James Marzano, Geoffrey Dale Benson, Ronakumar Patel, Ethan A. Fassett	2012/068490	5/24/2012
25253-20084/PCT	WO	Real-Time Video Detector	Completed	Utility - ORG	PCT/US2012/033658	4/13/2012			61476214	4/15/2011	Nitin Bhandari, Jaime Heilpern, Robert Oberhofer, John Hansen	2012/142510	10/18/2012
25253-19366/PCT	WO	Real-Time Video Optimizer	Completed	Utility - ORG	PCT/US2012/033655	4/13/2012			61476214	4/15/2011	Nitin Bhandari, Jaime Heilpern, Robert Oberhofer	2012/142508	10/18/2012
25253-23536/PCT	WO	Real-Time Network Monitoring and Subscriber Identification with an On-Demand Appliance	Completed	Utility - ORG	PCT/US2013/043873	6/3/2013			61654689	6/1/2012	Jaime Heilpern, Nitin Bhandari	2013/181654	12/5/2013
25253-23538/PCT	WO	Just-in-Time Distributed Video Cache	Completed	Utility - ORG	PCT/US2013/051126	7/18/2013			61673188	7/18/2012	Erk R. Swenson, Jaime Heilpern, Sandeep Pombra, Ron Earley, Vadim Arshansky	2014/015168	1/23/2014
25253-12209/US	US	Content Access Using Compression	Expired	Prov - ORG	60/863,888	11/1/2006					Jaime Heilpern, Nitin Bhandari		
25253-12533/US	US	System For Web Browsing Video	Expired	Prov - ORG	60/886,577	1/25/2007					Jaime Heilpern, Nitin Bhandari		
25253-19929/US	US	Recommending Applications Based on Behavioral Metrics	Expired	Prov - ORG	61/619,350	4/2/2012					Nitin Bhandari, Geoffrey Dale Benson		
25253-21159/US	US	Real-Time Network Congestion Detection	Expired	Prov - ORG	61/654,689	6/1/2012					Jaime Heilpern, Nitin Bhandari		
25253-21298/US	US	Linked List Scripting Engine	Expired	Prov - ORG	61/667,879	7/3/2012					Jaime Heilpern		
25253-21408/US	US	Just-in-Time Distributed Video Cache	Expired	Prov - ORG	61/673,188	7/18/2012					Jaime Heilpern, Dave Brown		
25253-21578/US	US	Skyfire Toolbar Plugin Architecture	Expired	Prov - ORG	61/683,717	8/16/2012					Ronakumar Patel		



Appendix 2: Patent Case List (25253-01000)

FW REF	COUNTRY	TITLE	STATUS	MATTER SUB MATTER TYPE	APPLICATION NUMBER	FILING DATE	PATENT NUMBER	ISSUE DATE	EARLIEST PRIORITY NUMBER	EARLIEST PRIORITY DATE	INVENTOR NAMES	PUBLICATION NUMBER	PUBLICATION DATE
25253-15245/US	US	System And Method For Using Share Feature On A Mobile Browser	Expired	Prov - ORG	61/207,491	2/11/2009					Ethan A. Fassett, Ishika Paul		
25253-15487/US	US	Hybrid Thumbnail Overview	Expired	Prov - ORG	61/163,365	3/25/2009					Jaime Hellpern, Vijay Kumar		
25253-16750/US	US	Assisted Hybrid Mobile Browser	Expired	Prov - ORG	61/320,683	4/2/2010					Jaime Hellpern		
25253-17879/US	US	Web Browser Toolbar	Expired	Prov - ORG	61/415,312	11/18/2010					Nitin Bhandari, James Marzano, Geoffrey Dale Benson, Ronakkumar Patel, Ethan A. Fassett		
25253-17878/US	US	Client-Selected Network Services	Expired	Prov - ORG	61/415,314	11/18/2010					Jaime Hellpern, Nitin Bhandari		
25253-18649/US	US	Real-Time M/P4 Video Transcoding	Expired	Prov - ORG	61/476,215	4/15/2011					Jaime Hellpern, Nitin Bhandari, Vadim Arshansky		
25253-18650/US	US	Real-Time Video Optimizer	Expired	Prov - ORG	61/476,214	4/15/2011					Nitin Bhandari, Jaime Hellpern, Robert Oberhofer, John Hansen		
25253-20874/US	US	Recommending Applications Based on Behavioral Metrics	Expired	Prov - ORG	61/656,483	6/6/2012					Jaime Hellpern, Geoffrey Dale Benson		
25253-21959/US	US	Standalone Browser Toolbar	Expired	Prov - ORG	61/715,260	10/17/2012					Ronakkumar Patel, Kevin Kawai		
25253-22157/US	US	Real-Time Network Monitoring and Subscriber Identification With an On-Demand Inline Appliance	Expired	Prov - ORG	61/745,391	12/21/2012					Jaime Hellpern		
25253-24673/US	US	Pro-Active Mobile Network Data Usage Alert System	Expired	Prov - ORG	61/891,368	10/15/2013					Naveen Puwulia, Nitin Bhandari		
25253-28845/US	US	Partial Video Pre-Fetch	Expired	Prov - ORG	62/116,341	2/13/2015					Nitin Bhandari, Erik R. Swenson		

