PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3657537

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BYTEMOBILE, INC.	11/19/2015

RECEIVING PARTY DATA

Name:	CITRIX SYSTEMS, INC.
Street Address:	851 WEST CYPRESS CREEK ROAD
City:	FORT LAUDERDALE
State/Country:	FLORIDA
Postal Code:	33309

PROPERTY NUMBERS Total: 93

Property Type	Number
PCT Number:	US0419369
Application Number:	10871905
Patent Number:	7586871
PCT Number:	US0620199
PCT Number:	US0619988
PCT Number:	US0619990
PCT Number:	US0620200
Patent Number:	8312172
Patent Number:	8856279
Patent Number:	8583827
Patent Number:	8312074
Patent Number:	8949368
PCT Number:	US0723998
Patent Number:	8181107
Application Number:	13470954
Application Number:	13471019
Application Number:	13471057
Application Number:	13471076
PCT Number:	US0813430
Application Number:	12328679

Property Type	Number
PCT Number:	US0808509
Patent Number:	7987243
PCT Number:	US0808556
PCT Number:	US1000959
Patent Number:	7987285
Patent Number:	8230105
Patent Number:	8255551
Patent Number:	8621061
Patent Number:	8769141
Patent Number:	9191664
Patent Number:	7991904
PCT Number:	US1000302
Patent Number:	8775665
PCT Number:	US0814027
Patent Number:	8521901
PCT Number:	US1002762
Application Number:	12580212
PCT Number:	US1000988
Application Number:	12751951
PCT Number:	US1146033
Patent Number:	8429169
PCT Number:	US1334708
Application Number:	13436658
PCT Number:	US1334713
Patent Number:	9167021
PCT Number:	US1241706
Application Number:	13492032
PCT Number:	US1241691
Application Number:	13492619
PCT Number:	US1241684
Application Number:	13491955
PCT Number:	US0102222
Patent Number:	6496520
PCT Number:	US9809332
Patent Number:	6166729
Patent Number:	7209474
Patent Number:	8009694
PCT Number:	US0132473

Property Type	Number
Patent Number:	7512694
PCT Number:	US0132317
Patent Number:	7315544
PCT Number:	US0206702
Patent Number:	6795859
Patent Number:	7616559
PCT Number:	US0211779
Patent Number:	7099273
PCT Number:	US0215758
Patent Number:	7024460
PCT Number:	US0215565
Patent Number:	7031314
Patent Number:	7444418
PCT Number:	US0215839
Patent Number:	7136353
PCT Number:	US1348366
Application Number:	13536285
Patent Number:	8892551
Application Number:	13536616
PCT Number:	US1348369
Patent Number:	9075877
Application Number:	13536430
PCT Number:	US1453588
Application Number:	14015866
PCT Number:	US1462988
Application Number:	14066615
PCT Number:	US1518797
Application Number:	14198276
Application Number:	14503092
Application Number:	14503274
Application Number:	14577078
Application Number:	14595070
Application Number:	14622139
Application Number:	14632913
Application Number:	14629917

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ATTORNEY DOCKET NUMBER:	09266.0115-00000
NAME OF SUBMITTER:	SHERBONNE' BARNES-ANDERSON
SIGNATURE:	/Sherbonne' Barnes-Anderson/
DATE SIGNED:	12/14/2015

Total Attachments: 9
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PATENT ASSIGNMENT

This PATENT ASSIGNMENT ("Assignment"), effective as of November 19, 2015 (the "Effective Date"), is made by and between Bytemobile, Inc., a Delaware corporation having an office at 851 West Cypress Creek Road, Fort Lauderdale, Florida 33309 ("ASSIGNOR"), and Citrix Systems, Inc., a Delaware corporation having an office at 851 West Cypress Creek Road, Fort Lauderdale, Florida 33309 ("ASSIGNEE").

WHEREAS, ASSIGNOR is the sole and exclusive owner of the patents and patent applications set forth in Exhibit A and incorporated by reference herein (the "ASSIGNED PATENT ASSETS") and

WHEREAS, ASSIGNEE is desirous of acquiring the full right, title and interest in and to said ASSIGNED PATENT ASSETS.

Assignment. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby grants, conveys, transfers and assigns to ASSIGNEE the entire and exclusive right, title and interest in and to (i) said ASSIGNED PATENT ASSETS and the inventions described therein, including any and all divisionals, continuations, continuations-in-part, reissues, reexams, extensions, or foreign counterparts thereof, (ii) all rights to royalties and other payments under the ASSIGNED PATENT ASSETS, and (iii) all rights to enforce the ASSIGNED PATENT ASSETS and to sue for, collect and retain all damages for past, present and future infringement of the ASSIGNED PATENT ASSETS, the ASSIGNED PATENT ASSETS to be held and enjoyed by ASSIGNEE for its own use and as fully and entirely as the same would have been held and enjoyed by ASSIGNEE had this Assignment not been made. ASSIGNOR hereby undertakes to execute and deliver to ASSIGNEE upon request all lawful documents which may be requested by ASSIGNEE, and to furnish ASSIGNEE with all facts relating to the ASSIGNED PATENT ASSETS as may be requested.

Recordation. ASSIGNOR authorizes and requests the Commissioner of Patent and Trademarks of the United States and the relevant official of any foreign patent office to record ownership of the ASSIGNED PATENT ASSETS as the property of the ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be duly signed on its behalf.

BYTEMOBILE, INC.

Signature: Antonio Gomes

Antonio Gomes, Secretary

Date: 12/11/2015

State of Massachusetts)
) S.S.
County of Middlesex)

Before me this 11th day of December, 2015 personally appeared Antonio Gomes to me known to be the person who is described in and who signed the foregoing Assignment and acknowledged to me that he signed the same of his/her own free will for the purpose therein expressed.

COLLETTE D'AMICO GRENNON
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires
April 1, 2022

Collette D'Amico-Grennon

Collette D'Amico Notary Public
My Commission Expires 4-1-2022

Assignment Accepted By:

CITRIX SYSTEMS, INC.

Signature: Antonio Gomes

Antonio Gomes, Senior Vice President,
General Counsel & Corporate Secretary

Date: 12-11-2015

State of Massachusetts)
) S.S.
County of Middlesex)

Before me this 11th day of December, 2015 personally appeared Antonio Gomes, to me known to be the person who is described in and who signed the foregoing Assignment and acknowledged to me that he signed the same of his/her own free will for the purpose therein expressed.

Collette D'Amico-Grennon
Collette D'Amico Notary Public
My Commission Expires 4/1/2022

COLLETTE D'AMICO GRENNON
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires
April 1, 2022

Exhibit A

FILE NUMBER	TITLE	JURISDICTION	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
CTX-829PC	Method and System for Dynamic Interleaving	WO	Jun 17, 2004	PCT/US04/19369		
CTX-829US	Method and System for Dynamic Interleaving	US	Jun 17, 2004	10/871,905		
CTX-830USCP	Platform and Method for Providing Data Services in a Communication Network	US	Jan 11, 2006	11/330,588	Sep 8, 2009	7,586,871
CTX-831DE	Method and System for Delta Compression	DE	May 23, 2006	06760372.0	Aug 20, 2014	602006042766.2
CTX-831DE3	Method and System for Dynamic Bearer Aware	DE	May 23, 2006	06771004.6	Aug 27, 2014	602006042851.0
CTX-831EP	Method and System for Delta Compression	EP	May 23, 2006	06760372.0	Aug 20, 2014	1886468
CTX-831EP2	Method and System for Object Prediction	EP	May 23, 2006	06771002.0		
CTX-831EP3	Method and System for Dynamic Bearer Aware	EP	May 23, 2006	06771004.6	Aug 27, 2014	1886471
CTX-831EP4	Method for Multipart Encoding	EP	May 23, 2006	06771139.0		
CTX-831FR	Method and System for Delta Compression	FR	May 23, 2006	06760372.0	Aug 20, 2014	1886468
CTX-831FR3	Method and System for Dynamic Bearer Aware	FR	May 23, 2006	06771004.6	Aug 27, 2014	1886471
CTX-831GB	Method and System for Delta Compression	GB	May 23, 2006	06760372.0	Aug 20, 2014	1886468
CTX-831GB3	Method and System for Dynamic Bearer Aware	GB	May 23, 2006	06771004.6	Aug 27, 2014	1886471
CTX-831PC	Method and System for Delta Compression	WO	May 23, 2006	PCT/US06/020199		
CTX-831PC2	Method and System for Object Prediction	WO	May 23, 2006	PCT/US06/019988		
CTX-831PC3	Method and System for Dynamic Bearer Aware	WO	May 23, 2006	PCT/US06/019990		
CTX-831PC4	Method for Multipart Encoding	WO	May 23, 2006	PCT/US06/020200		
CTX-831US	Method and System for Delta Compression	US	May 22, 2006	11/439,068	Nov 13, 2012	8,312,172
CTX-831US2	Method and System for Object Prediction	US	May 22, 2006	11/439,003	Oct 7, 2014	8,856,279
CTX-831US3	Dynamic Data Optimization in Data Network	US	May 22, 2006	11/439,009	Nov 12, 2013	8,583,827
CTX-831US4	Method for Multipart Encoding	US	May 22, 2006	11/439,330	Nov 13, 2012	8,312,074
CTX-832US	Method for Cache Object Aggregation	US	May 12, 2006	11/432,951	Feb 3, 2015	8,949,368
CTX-833EP	Content Adaptation	EP	Nov 14, 2007	07870889.8		
CTX-833PC	Content Adaptation	WO	Nov 14, 2007	PCT/US07/023998		
CTX-833US	Content Adaptation	US	Dec 8, 2006	11/636,033	May 15, 2012	8,181,107
CTX-833USDV	Content Adaptation	US	May 14, 2012	13/470,954		
CTX-833USDV2	Content Adaptation	US	May 14, 2012	13/471,019		
CTX-833USDV3	Content Adaptation	US	May 14, 2012	13/471,057		
CTX-833USDV4	Content Adaptation	US	May 14, 2012	13/471,076		
CTX-834PC	Advertisement Insertion Module and Advertisement Replacement Module	WO	Dec 4, 2008	PCT/US08/013430		
CTX-834US	Advertisement Insertion Module and Advertisement Replacement Module	US	Dec 4, 2008	12/328,679		
CTX-835CN	Method for Media Discovery	CN	Jul 10, 2008	200880106478.5	May 22, 2013	200880106478.5
CTX-835EP	Method for Media Discovery	EP	Jul 10, 2008	08780120.5		

FILE NUMBER	TITLE	JURISDICTION	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
CTX-835PC	Method for Media Discovery	WO	Jul 10, 2008	PCT/US08/008509		
CTX-835US	Method for Media Discovery	US	Jul 10, 2008	12/170,719	Jul 26, 2011	7,987,243
CTX-836CN	Adaptive Bitrate Management for Streaming Media Over Packet Networks	CN	Jul 10, 2008	200880106476.6		
CTX-836CN2	Adaptive Bitrate Management for Streaming Media Over Packet Networks	CN	Mar 30, 2010	201080023638.7		
CTX-836DE	Adaptive Bitrate Management for Streaming Media Over Packet Networks	DE	Jul 10, 2008	08780143.7	Feb 27, 2013	602008022546.1
CTX-836EP	Adaptive Bitrate Management for Streaming Media Over Packet Networks	EP	Jul 10, 2008	08780143.7	Feb 27, 2013	2171927
CTX-836EP2	Adaptive Bitrate Management for Streaming Media Over Packet Networks	EP	Mar 30, 2010	10733056.5		
CTX-836EPDV	Adaptive Bitrate Management for Streaming Media Over Packet Networks	EP	Jul 10, 2008	13000979.8		
CTX-836FR	Adaptive Bitrate Management for Streaming Media Over Packet Networks	FR	Jul 10, 2008	08780143.7	Feb 27, 2013	2171927
CTX-836GB	Adaptive Bitrate Management for Streaming Media Over Packet Networks	GB	Jul 10, 2008	08780143.7	Feb 27, 2013	2171927
CTX-836HK2	Adaptive Bitrate Management for Streaming Media Over Packet Networks	HK	Nov 6, 2012	12111165.2		
CTX-836PC	Adaptive Bitrate Management for Streaming Media Over Packet Networks	WO	Jul 10, 2008	PCT/US08/008556		
CTX-836PC2	Adaptive Bitrate Management for Streaming Media Over Packet Networks	WO	Mar 30, 2010	PCT/US10/000959		
CTX-836US	Adaptive Bitrate Management for Streaming Media Over Packet Networks	US	Jul 9, 2008	12/170,347	Jul 26, 2011	7,987,285
CTX-836USCN	Adaptive Bitrate Management for Streaming Media Over Packet Networks	US	Jul 25, 2011	13/190,238	Jul 24, 2012	8,230,105
CTX-836USCN2	Adaptive Bitrate Management for Streaming Media Over Packet Networks	US	Jul 29, 2011	13/194,761	Aug 28, 2012	8,255,551
CTX-836USCN3	Adaptive Bitrate Management for Streaming Media Over Packet Networks	US	Jul 24, 2012	13/557,086	Dec 31, 2013	8,621,061
CTX-836USCN4	Adaptive Bitrate Management for Streaming Media Over Packet Networks	US	Aug 28, 2012	13/596,916	Jul 1, 2014	8,769,141
CTX-836USCN5	Adaptive Bitrate Management for Streaming Media Over Packet Networks	US	Nov 11, 2013	14/077,139	Nov 17, 2015	9,191,664
CTX-836USCP	Adaptive Bitrate Management for Streaming Media Over Packet Networks	US	Mar 31, 2009	12/416,085	Aug 2, 2011	7,991,904
CTX-837CN	Method for Controlling Download Rate of Real-Time Streaming as Needed by Media Player	CN	Feb 3, 2010	201080014605.6	Jul 22, 2015	ZL201080014605.6

FILE NUMBER	TITLE	JURISDICTION	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
CTX-837HK	Method for Controlling Download Rate of Real-Time Streaming as Needed by Media Player	HK	Nov 2, 2012	12111069.9		
CTX-837PC	Method for Controlling Download Rate of Real-Time Streaming as Needed by Media Player	WO	Feb 3, 2010	PCT/US10/000302		
CTX-837US	Method for Controlling Download Rate of Real-Time Streaming as Needed by Media Player	US	Feb 9, 2009	12/368,260	Jul 8, 2014	8,775,665
CTX-838CN	TCP Packet Spacing	CN	Dec 22, 2008	200880127690.X	Jul 30, 2014	200880127690.X
CTX-838DE	TCP Packet Spacing	DE	Dec 22, 2008	08868107.7	Jul 10, 2013	602008025981.1
CTX-838EP	TCP Packet Spacing	EP	Dec 22, 2008	08868107.7	Jul 10, 2013	2232791
CTX-838FR	TCP Packet Spacing	FR	Dec 22, 2008	08868107.7	Jul 10, 2013	2232791
CTX-838GB	TCP Packet Spacing	GB	Dec 22, 2008	08868107.7	Jul 10, 2013	2232791
CTX-838PC	TCP Packet Spacing	WO	Dec 22, 2008	PCT/US08/014027		
CTX-838US	TCP Burst Avoidance	US	Dec 22, 2008	12/341,307	Aug 27, 2013	8,521,901
CTX-839CN	Budget Encoding	CN	Oct 14, 2010	201080057336.1		
CTX-839EP	Budget Encoding	EP	Oct 14, 2010	10776446.6		
CTX-839HK	Budget Encoding	HK	Feb 13, 2013	13101855.7		
CTX-839PC	Budget Encoding	WO	Oct 14, 2010	PCT/US10/002762		
CTX-839US	Budget Encoding	US	Oct 15, 2009	12/580,212		
CTX-840CN	Framework for Quality-Aware Video Optimization	CN	Mar 31, 2010	201080023636.8		
CTX-840EP	Framework for Quality-Aware Video Optimization	EP	Mar 31, 2010	10713807.5		
CTX-840HK	Framework for Quality-Aware Video Optimization	HK	Nov 6, 2012	12111166.1		
CTX-840PC	Framework for Quality-Aware Video Optimization	WO	Mar 31, 2010	US2010/000988		
CTX-840US	Framework for Quality-Aware Video Optimization	US	Mar 31, 2010	12/751,951		
CTX-841CN	Systems and Methods for Video Cache Indexing	CN	Jul 29, 2011	201180046902.3		
CTX-841EP	Systems and Methods for Video Cache Indexing	EP	Jul 29, 2011	11743914.1		
CTX-841IN	Systems and Methods for Video Cache Indexing	IN	Jul 29, 2011	573/CHENP/2013		
CTX-841PC	Systems and Methods for Video Cache Indexing	WO	Jul 29, 2011	PCT/US11/046033		
CTX-841US	Systems and Methods for Video Cache Indexing	US	Jul 29, 2011	13/194,837	Apr 23, 2013	8,429,169
CTX-842CN	Adaptive Traffic Management in Cellular Wireless Networks	CN	Mar 29, 2013	201380018290.6		
CTX-842EP	Adaptive Traffic Management in Cellular Wireless Networks	EP	Mar 29, 2013	13768473.4		
CTX-842IN	Adaptive Traffic Management in Cellular Wireless Networks	IN	Mar 29, 2013	7536/CHENP/2014		
CTX-842PC	Adaptive Traffic Management in Cellular Wireless Networks	WO	Mar 29, 2013	PCT/US13/034708		
CTX-842US	Adaptive Traffic Management in Cellular Wireless Networks	US	Mar 30, 2012	13/436,658		
CTX-843CN	Measuring Web Browsing Quality of Experience in Real-Time at an Intermediate Network Node	CN	Sep 30, 2014	201380018343.4		
CTX-843EP	Measuring Web Browsing Quality of Experience in Real-Time at an Intermediate Network Node	EP	Mar 29, 2013	13769049.1		

FILE NUMBER	TITLE	JURISDICTION	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
CTX-843IN	Measuring Web Browsing Quality of Experience in Real-Time at an Intermediate Network Node	IN	Mar 29, 2013	7533/CHENP/2014		
CTX-843PC	Measuring Web Browsing Quality of Experience in Real-Time at an Intermediate Network Node	WO	Mar 29, 2013	PCT/US13/034713		
CTX-843US	Measuring Web Browsing Quality of Experience in Real-Time at an Intermediate Network Node	US	Mar 30, 2012	13/436,671	Oct 20, 2015	9,167,021
CTX-844CN	On-Demand Adaptive Bitrate Management for Streaming Media Over Packet Networks	CN	Jun 8, 2012	201280038961.0		
CTX-844EP	On-Demand Adaptive Bitrate Management for Streaming Media Over Packet Networks	EP	Jun 8, 2012	12727579.0		
CTX-844IN	On-Demand Adaptive Bitrate Management for Streaming Media Over Packet Networks	IN	Jun 8, 2012	3513/KOLNP/2013		
CTX-844PC	On-Demand Adaptive Bitrate Management for Streaming Media Over Packet Networks	WO	Jun 8, 2012	PCT/US12/041706		
CTX-844US	On-Demand Adaptive Bitrate Management for Streaming Media Over Packet Networks	US	Jun 8, 2012	13/492,032		
CTX-845CN	Application of Adaptive Quantization in Quality-Aware Video Optimization	CN	Jun 8, 2012	201280039090.4		
CTX-845EP	Application of Adaptive Quantization in Quality-Aware Video Optimization	EP	Jun 8, 2012	12727763.0		
CTX-845IN	Application of Adaptive Quantization in Quality-Aware Video Optimization	IN	Jun 8, 2012	3512/KOLNP/2013		
CTX-845PC	Application of Adaptive Quantization in Quality-Aware Video Optimization	WO	Jun 8, 2012	PCT/US12/041691		
CTX-845US	Application of Adaptive Quantization in Quality-Aware Video Optimization	US	Jun 8, 2012	13/492,619		
CTX-846PC	Adaptive Bitrate Management on Progressive Download with Indexed Media Files	WO	Jun 8, 2012	PCT/US12/041684		
CTX-846US	Adaptive Bitrate Management on Progressive Download with Indexed Media Files	US	Jun 8, 2012	13/491,955		
CTX-847AU	Wireless Network System and Method	AU	Jan 22, 2001	2001232925	May 6, 2004	2001232925
CTX-847DE	Wireless Network System and Method	DE	Jan 22, 2001	01905003.8	Oct 20, 2010	60143288.6
CTX-847EP	Wireless Network System and Method	EP	Jan 22, 2001	01905003.8	Oct 20, 2010	EP1258104
CTX-847FR	Wireless Network System and Method	FR	Jan 22, 2001	01905003.8	Oct 20, 2010	1258104
CTX-847GB	Wireless Network System and Method	GB	Jan 22, 2001	01905003.8	Oct 20, 2010	1258104
CTX-847PC	Wireless Network System and Method	WO	Jan 22, 2001	PCT/US01/002222		
CTX-847US	Wireless Network System and Method	US	Jul 19, 2000	09/618,881	Dec 17, 2002	6,496,520
CTX-848PC	Remote Visual Information Monitoring System and Method	WO	May 7, 1998	PCT/US98/009332		
CTX-848US	Remote Digital Image Viewing System and Method	US	May 7, 1997	08/852,557	Dec 26, 2000	6,166,729
CTX-850US	Wireless Services Provider Network System and Method	US	Jul 27, 2001	09/917,449	Apr 24, 2007	7,209,474
CTX-850USCN	Wireless Services Provider Network System and Method	US	Mar 15, 2007	11/686,677	Aug 30, 2011	8,009,694
CTX-851EP	Wireless Communications Invisible Proxy and Hooking Systems and Methods	EP	Oct 17, 2001	01983161.9		

FILE NUMBER	TITLE	JURISDICTION	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
CTX-851PC	Wireless Communications Invisible Proxy and Hooking Systems and Methods	WO	Oct 17, 2001	PCT/US01/032473		
CTX-851US	Wireless Communications Invisible Proxy and Hooking Systems and Methods	US	Oct 17, 2001	09/982,511	Mar 31, 2009	7,512,694
CTX-854DE	Global Sequence Numbers in Wireless Communications Systems and Methods	DE	Oct 17, 2001	01981658.6	Dec 10, 2014	60149155.6
CTX-854EP	Global Sequence Numbers in Wireless Communications Systems and Methods	EP	Oct 17, 2001	01981658.6	Dec 10, 2014	1332635
CTX-854FR	Global Sequence Numbers in Wireless Communications Systems and Methods	FR	Oct 17, 2001	01981658.6	Dec 10, 2014	1332635
CTX-854GB	Global Sequence Numbers in Wireless Communications Systems and Methods	GB	Oct 17, 2001	01981658.6	Dec 10, 2014	1332635
CTX-854PC	Global Sequence Numbers in Wireless Communications Systems and Methods	WO	Oct 17, 2001	PCT/US01/032317		
CTX-854US	Global Sequence Numbers in Wireless Communications Systems and Methods	US	Oct 17, 2001	09/982,510	Jan 1, 2008	7,315,544
CTX-857EP	Scalable Server Architecture Systems and Methods	EP	Mar 2, 2002	02715045.7		
CTX-857PC	Scalable Server Architecture Systems and Methods	WO	Mar 2, 2002	PCT/US02/006702		
CTX-857US	Scalable Server Architecture Systems and Methods	US	Mar 2, 2002	10/090,290	Sep 21, 2004	6,795,859
CTX-859US	Muliti-Link Network Architecture, Including Security, In Seamless Roaming Communications Systems and Methods	US	Sep 2, 2004	10/933,067	Nov 10, 2009	7,616,559
CTX-860EP	Data Transport Acceleration and Management within a Network Communication System	EP	Apr 11, 2002	EP2002000733982	Aug 30, 2006	EP1393508
CTX-860GB	Data Transport Acceleration and Management within a Network Communication System	GB	Apr 11, 2002	EP2002000733982	Aug 30, 2006	1393508
CTX-860PC	Data Transport Acceleration and Management within a Network Communication System	WO	Apr 11, 2002	PCT/US02/011779		
CTX-860US	Data Transport Acceleration and Management within a Network Communication System	US	Jan 29, 2002	10/061,574	Aug 29, 2006	7,099,273
CTX-861PC	Service-Based Compression of Content within a Network Communication System	WO	May 16, 2002	PCT/US02/015758		
CTX-861US	Service-Based Compression of Content within a Network Communication System	US	Mar 11, 2002	10/095,551	Apr 4, 2006	7,024,460
CTX-862EP	Systems and Methods for Providing Differentiated Services Within a Network Communication System	EP	May 15, 2002	EP2002000739275	Oct 29, 2008	EP1393496
CTX-862EPDV	Systems and Methods for Providing Differentiated Services Within a Network Communication System	EP	May 15, 2002	05008744.4	Mar 28, 2007	EP1564960

FILE NUMBER	TITLE	JURISDICTION	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
CTX-862GBDV	Systems and Methods for Providing Differentiated Services Within a Network Communication System	GB	May 15, 2002	05008744.4	Mar 28, 2007	1564960
CTX-862PC	Systems and Methods for Providing Differentiated Services Within a Network Communication System	WO	May 15, 2002	PCT/US02/015565		
CTX-862US	Systems and Methods for Providing Differentiated Services Within a Network Communication System	US	Apr 19, 2002	10/126,131	Apr 18, 2006	7,031,314
CTX-863US	Transcoding Multimedia Information Within a Network Communication System	US	May 9, 2002	10/143,441	Oct 28, 2008	7,444,418
CTX-864EP	Dual Mode Service Platform Within Network Communication System	EP	May 17, 2002	EP2002000771851	Nov 2, 2006	EP1393497
CTX-864GB	Dual Mode Service Platform Within Network Communication System	GB	May 17, 2002	EP2002000771851	Nov 2, 2006	1393497
CTX-864PC2	Dual Mode Service Platform Within Network Communication System	WO	May 17, 2002	PCT/US02/015839		
CTX-864US	Quality of Service Management for Multiple Connections Within a Network Communication System	US	May 17, 2002	10/150,858	Nov 14, 2006	7,136,353
CTX-865CN	Methods and Systems for Secure In-Network Insertion of Web Content and Web Services	CN	Jun 27, 2013	201380044936.8		
CTX-865EP	Methods and Systems for Secure In-Network Insertion of Web Content and Web Services	EP	Jun 27, 2013	13810286.8		
CTX-865IN	Methods and Systems for Secure In-Network Insertion of Web Content and Web Services	IN	Jun 27, 2013	172/KOLNP/2015		
CTX-865PC	Methods and Systems for Secure In-Network Insertion of Web Content and Web Services	WO	Jun 27, 2013	PCT/US13/048366		
CTX-865US	Methods and Systems for Secure In-Network Insertion of Web Content and Web Services	US	Jun 28, 2012	13/536,285		
CTX-866US	Method and System of Location-Based Content Organization and Content Suggestions	US	Jun 28, 2012	13/536,350	Nov 18, 2014	8,892,551
CTX-867US	No-Click Log-In Access to User's Web Account Using a Mobile Device	US	Jun 28, 2012	13/536,616		
CTX-868CN	System and Method for Transparent In-Network Adaptation of Rich Internet Applications	CN	Jun 27, 2013	201380044064.5		
CTX-868EP	System and Method for Transparent In-Network Adaptation of Rich Internet Applications	EP	Jun 27, 2013	13809263.0		
CTX-868IN	System and Method for Transparent In-Network Adaptation of Rich Internet Applications	IN	Jun 27, 2013	171/KOLNP/2015		
CTX-868PC	System and Method for Transparent In-Network Adaptation of Rich Internet Applications	WO	Jun 27, 2013	PCT/US13/048369		
CTX-868US	System and Method for Transparent In-Network Adaptation of Rich Internet Applications	US	Jun 29, 2012	13/537,434	Jul 7, 2015	9,075,877
CTX-869US	Intelligent Client-Side Caching on Mobile Devices	US	Jun 28, 2012	13/536,430		

FILE NUMBER	TITLE	JURISDICTION	DATE FILED	APPLICATION NUMBER	GRANT DATE	PATENT NUMBER
CTX-1033PC	Methods and Systems for Quantifying the Holistic Quality of Experience for Internet Multimedia	WO	Aug 29, 2014	PCT/US14/53588		
CTX-1033US	Methods and Systems for Quantifying the Holistic Quality of Experience for Internet Multimedia	US	Aug 30, 2013	14/015,866		
CTX-1045PC	Methods and Systems for Optimal Delivery of Internet Video Over Wireless Networks	WO	Oct 29, 2014	PCT/US14/62988		
CTX-1045US	Methods and Systems for Optimal Delivery of Internet Video Over Wireless Networks	US	Oct 29, 2013	14/066,615		
CTX-1068PC	Systems and Methods for Media Format Substitution	WO	Mar 4, 2015	PCT/US15/18797		
CTX-1068US	Systems and Methods for Media Format Substitution	US	Mar 5, 2014	14/198,276		
CTX-1126US	Detecting Client Device Identity at a TCP Proxy	US	Sep 30, 2014	14/503,092		
CTX-1131US	A method to detect presence of video content inside encrypted transaction	US	Sep 30, 2014	14/503,274		
CTX-1136US	Systems and Methods for Handling of Partial Videos for Caching and Optimization	US	Dec 19, 2014	14/577,078		
CTX-1143US	A mechanism for large scale bandwidth management of IP flows using a hierarchy of traffic shaping	US	Jan 12, 2015	14/595,070		
CTX-1173US	Method for Computing User Experience Indexing Metrics for a class of Encrypted Adaptive Bitrate Video	US	Feb 13, 2015	14/622,139		
CTX-1174US	Method for Detecting Site Identity in SSL/TLS Encrypted Traffic	US	Feb 26, 2015	14/632,913		
CTX-1175US	Method for Detection and Classification of Encrypted Multimedia Content using Pattern Matching	US	Feb 24, 2015	14/629,917		