PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI661722

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Adaptiv Networks Inc.	10/17/2024

RECEIVING PARTY DATA

Company Name:	Adeia Media Holdings LLC
Street Address:	3025 Orchard Parkway
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 12

Property Type	Number
Application Number:	18131046
Application Number:	16829308
Application Number:	16044695
Application Number:	15413485
Application Number:	14606834
Application Number:	14219151
Application Number:	13022073
Application Number:	18125246
Application Number:	17127261
Application Number:	15777516
Application Number:	14945862
Application Number:	17449495

CORRESPONDENCE DATA

Fax Number: 6462196229

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: (646)973-2566
Email: elena.pazdera@hglaw.com
Correspondent Name: Haley Guiliano LLP
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ATTORNEY DOCKET NUMBER:	Adaptiv
NAME OF SUBMITTER:	Elena Pazdera
SIGNATURE:	Elena Pazdera
DATE SIGNED:	12/02/2024

Total Attachments: 12
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WORLDWIDE PATENT ASSIGNMENT

Whereas, Adaptiv Networks Inc., an entity organized under the laws of Canada (hereinafter "Seller"), is the sole and exclusive owner of the patents and patent applications set forth on Schedule A hereto, and all patent rights to inventions claimed therein, worldwide (hereinafter "Assigned Patents"): and

Whereas Adeia Media Holdings LLC, a Delaware limited liability company (hereinafter "Purchaser"), is desirous of acquiring the entire right, title and interest in, to and under the Assigned Patents.

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, as of the signing date, Seller hereby irrevocably sells, conveys, transfers, assigns and delivers to Purchaser, and Purchaser acquires from Seller, all right, title and interest that may exist today and in the future in and to (i) all Assigned Patents, and all rights to inventions, disclosures, designs and discoveries as and to the extent claimed or described therein, and with respect to any patent or patent application (i) any other patent issuing thereon (in respect of a patent application), (ii) any divisional, continuation, continuation-in-part, continuing prosecution application, request for continuing examination, reissue, reexamination, utility model, foreign counterpart, parent or extension of any such patent or application or any of the foregoing in clause (i), (iii) any other patent or application that claims priority to or shares priority or a common specification with any such first patent or application or any of the foregoing in clause (i) or (ii), (iv) patents or applications that are terminally disclaimed over any of the foregoing in clauses (i)–(iii), or over which any of the foregoing are terminally disclaimed, (v) foreign counterparts of any of the foregoing clauses (i)–(iv), and (vi) all patent rights to inventions claimed in the foregoing, worldwide, (ii) all rights of priority and all claims, causes of action and enforcement rights of any kind, whether currently pending, filed or otherwise, and whether known or unknown, under or arising from any of the Assigned Patents, including all rights to sue and seek and obtain damages, costs, equitable relief, injunctive relief and other remedies for past, present or future infringement, including any and all claims related thereto, including rights afford under 35 U.S.C. § 154(d), and entirely stand in the place of Seller in all matters related to the Assigned Patents (iii) all rights to collect royalties, costs, profits, compensation, license fees or other amounts with respect to the Assigned Patents, and (iv) all rights to apply for, file, register, maintain, prosecute, extend, renew, enforce, license and otherwise exploit in any or all countries and regions of the world the Assigned Patents, and to claim priority based on the filing dates of any of the Assigned Patents under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, and all other treaties, applicable laws and regulations of like purposes, in each case of (i), (ii), (iii), and (iv), without any requirement for Purchaser to seek or obtain any consent or other approval from or otherwise inform Seller (collectively, the "Assigned Patent Rights").

Seller does hereby authorize and request the respective patent office or governmental agency or authority in each jurisdiction, worldwide, to issue any and all future patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Purchaser, as the assignee to the entire interest therein. This Assignment of Patent Rights will inure for the benefit of any permitted successors or assigns of Purchaser.

Seller will, at the reasonable request of Purchaser, take all reasonable steps necessary and proper, to confirm the assignment to Purchaser of the Assigned Patent Rights pursuant to this Worldwide Patent Assignment, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Purchaser in obtaining and perfecting the Assigned Patent Rights

This assignment may be executed in one or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same agreement. Copies of executed counterparts

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transmitted by facsimile, email or other electronic transmission shall be considered original executed counterparts.
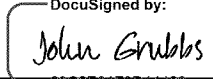
[Signature page follows]

IN WITNESS WHEREOF, THE PARTIES, BY THEIR DULY AUTHORIZED REPRESENTATIVES, HAVE EXECUTED THIS ASSIGNMENT.

Adaptiv Networks Inc., Seller

By: _____

Name: Bernard Breton

Title: CEO

Date: 10/17/2024 | 4:21:19 PM PDT

Adeia Media Holdings LLC, Purchaser

By: _____

Name: John Grubbs

Title: SVP & Assistant Secretary

Date: 10/16/2024 | 10:47:56 AM PDT

[Signature Page to the Worldwide Patent Assignment]

**PATENT
REEL: 069448 FRAME: 0321**

SCHEDULE A

ASSIGNED PATENTS

Extended Family ID	Simple Family ID	Authority	Document No.	Title	Filing Date	Status
35757351	35757351	EP	EP1779606B1	System And Method For Higher Throughput Through A Transportation Network	8/3/2005	Active
35757351	35757351	DE	DE1779606	System And Method For Higher Throughput Through A Transportation Network	8/3/2005	Active
35757351	35757351	IN	IN1414DELNP2007A	System And Method For Higher Throughput Through A Transportation Network	2/21/2007	Active
35757351	35757351	JP	JP4712039B2	Higher Throughput Systems And Methods Through Transport Networks	8/3/2005	Active
35757351	35757351	KR	KR101160056B1	System And Method For Higher Throughput Through A Transportation Network	8/3/2005	Inactive
35757351	35757351	US	US7742501B2	System And Method For Higher Throughput Through A Transportation Network	8/6/2004	Active
35757351	41268486	EP	EP2157749B1	System And Method For Achieving Accelerated Throughput	8/14/2009	Active
35757351	41268486	DE	DE2157749	System And Method For Achieving Accelerated Throughput	8/14/2009	Active
35757351	41268486	EP	EP2528289B1	System And Method For Achieving Accelerated Throughput	8/14/2009	Active
35757351	41268486	DE	DE2528289	System And Method For Achieving Accelerated Throughput	8/14/2009	Active
35757351	41268486	GB	GB2528289	System And Method For Achieving Accelerated Throughput	8/14/2009	Active
35757351	41268486	IN	IN1075KOL2009A	System And Method For Achieving Accelerated Throughput	8/18/2009	Active
35757351	41268486	KR	KR101649374B1	System And Method For Achieving Accelerated Throughput	8/18/2009	Inactive
35757351	41268486	US	US8009696B2	System And Method For Achieving Accelerated Throughput	8/18/2008	Active
35757351	41268486	US	US8548003B2	System And Method For Achieving Accelerated Throughput	7/9/2010	Active
35757351	41268486	US	US9379913B2	System And Method For Achieving Accelerated Throughput	12/3/2010	Active
35757351	44541705	IN	IN8371CHENP2012	System And Method For Achieving Accelerated Throughput	9/28/2012	Active
35757351	46600569	US	US8437370B2	Methods For Achieving Target Loss Ratio	2/4/2011	Active
35757351	48281710	US	US9189307B2	Method Of Improving The Performance Of An Access Network For Coupling User Devices To An Application Server	1/10/2013	Active
35757351	48573646	IN	IN4826CHN2014A	Methods For Achieving Target Loss Ratio	6/25/2014	Active
35757351	48573646	US	US10951743B2	Methods For Achieving Target Loss Ratio	12/5/2011	Active
35757351	49955900	IN	IN108CH2014A	Network Quality As A Service	1/9/2014	Active
35757351	52428695	US	US10574742B2	Network Quality As A Service	4/4/2017	Active
42165175	42165175	AU	AU2009316197B2	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2009	Active
42165175	42165175	CA	CA2743548C	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2009	Active
42165175	42165175	CN	CN102246475B	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2009	Active
42165175	42165175	HK	HK1163973A	System, Apparatus And Method For Providing Aggregated Network Connections	5/7/2012	Active
42165175	42165175	US	US8155158B2	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2008	Active

Extended Family ID	Simple Family ID	Authority	Document No.	Title	Filing Date	Status
42165175	42165175	US	US8913610B2	System, Apparatus And Method For Providing Aggregated Network Connections	3/15/2012	Active
42165175	50026612	US	US9264307B2	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	8/2/2013	Active
42165175	52115553	US	US9264350B2	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Active
42165175	52430782	CA	CA2893548C	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	7/31/2014	Active
42165175	53883334	US	US10205632B2	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Cloud Provisioning	3/4/2016	Active
42165175	53883334	US	US9426029B2	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Cloud Provisioning	3/4/2015	Active
42165175	54774435	AU	AU2015258288B2	System, Apparatus And Method For Providing Aggregated Network Connections	11/20/2015	Active
42165175	55017824	US	US10523593B2	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay	6/30/2016	Active
42165175	55017824	US	US9692713B2	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay	7/3/2015	Active
42165175	55438552	US	US9929964B2	System, Apparatus And Method For Providing Aggregation Of Connections With A Secure And Trusted Virtual Network Overlay	11/19/2015	Active
42165175	56849156	CA	CA3016213C	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Cloud Provisioning	3/4/2016	Active
42165175	56855862	CA	CA2912643A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	11/19/2015	Active
42165175	57149585	US	US10122829B2	System And Method For Providing A Control Plane For Quality Of Service	7/6/2016	Active
42165175	57684649	CA	CA2990045C	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay	6/30/2016	Active
42165175	58717144	CA	CA3005641C	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	11/17/2016	Active
42165175	58717144	US	US20230224246A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	3/23/2023	Active
42165175	60901553	CA	CA3029862C	System And Method For Providing A Control Plane For Quality Of Service	6/29/2017	Active
42165175	64692913	US	US10904142B2	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	11/17/2016	Active
42165175	64692913	US	US11646964B2	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	12/18/2020	Active
43585816	43585816	AU	AU2010282174B2	System, Method, Computer Program For Multidirectional Pathway Selection	8/12/2010	Active
43585816	43585816	CA	CA2770791C	System, Method, Computer Program For Multidirectional Pathway Selection	8/12/2010	Active
43585816	43585816	CN	CN102577332B	System, Method And Computer Program For Multi-Directional Path Selection	8/12/2010	Active

Extended Family ID	Simple Family ID	Authority	Document No.	Title	Filing Date	Status
43585816	43585816	US	US8913486B2	System, Method, Computer Program For Multidirectional Pathway Selection	8/12/2010	Active
45438521	45438521	CA	CA2805105C	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2011	Active
45438521	45438521	US	US8737214B2	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2010	Active
46600563	46600563	IN	IN6875CHENP2013A	Mechanisms To Improve The Transmission Control Protocol Performance In Wireless Networks	8/26/2013	Active
46600563	46600563	US	US8717900B2	Mechanisms To Improve The Transmission Control Protocol Performance In Wireless Networks	2/7/2011	Active
46600563	46600563	US	US9647945B2	Mechanisms To Improve The Transmission Control Protocol Performance In Wireless Networks	3/19/2014	Active
46600563	53173203	US	US10057178B2	System And Method For Reducing Bandwidth Usage Of A Network	1/24/2017	Active
46600563	53173203	US	US10645012B2	System And Method For Reducing Bandwidth Usage Of A Network	7/25/2018	Active
46600563	53173203	US	US11671377B2	System And Method For Reducing Bandwidth Usage Of A Network	3/25/2020	Active
46600563	53173203	US	US20230246973A1	System And Method For Reducing Bandwidth Usage Of A Network	4/5/2023	Active
46600563	53173203	US	US9590913B2	System And Method For Reducing Bandwidth Usage Of A Network	1/27/2015	Active
49622608	49622608	US	US8966598B2	System And Method For Group Video Messaging Service	3/14/2013	Active
49622608	49622608	US	US9407870B2	System And Method For Group Video Messaging Service	1/9/2015	Active
49886104	49886104	US	US8630204B1	System And Method For A Tcp Mapper	10/3/2012	Active
49886104	50385074	US	US10079764B2	System And Method For A Tcp Mapper	10/19/2016	Active
49886104	50385074	US	US8711690B2	System And Method For A Tcp Mapper	3/13/2013	Active
49886104	50385074	US	US9503377B2	System And Method For A Tcp Mapper	1/17/2014	Active
49886104	52427574	US	US9143454B2	System And Method For A Tcp Mapper	10/17/2014	Active
52430782	52430782	HK	HK1223208A	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	9/27/2016	Active
55302966	55302966	US	US10097373B2	Udp Over Tcp Tunnel	8/15/2014	Active
55302966	55302966	US	US11032104B2	Udp Over Tcp Tunnel	9/6/2018	Active
55302966	55302966	US	US11729024B2	Udp Over Tcp Tunnel	3/29/2021	Active
55521914	55521914	CA	CA2863901C	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Active
55532368	55532368	CA	CA2962185C	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Active
55532368	55532368	US	US10333832B2	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Active
56433514	56433514	US	US10122640B2	Minimal Buffer Network Arbiter	1/26/2015	Active
56433514	56433514	US	US10778592B2	Minimal Buffer Network Arbiter	10/18/2018	Active
56433514	56433514	US	US11277349B2	Minimal Buffer Network Arbiter	8/14/2020	Active

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59679050	59679050	US	US10218772B2	Efficient File Routing System	3/29/2016	Active
59679050	59679050	US	US11438405B2	Efficient File Routing System	11/30/2018	Active
59679050	59679050	US	US12015662B2	Efficient File Routing System	7/29/2022	Active
66696512	66696512	CA	CA3027212C	System, Apparatus And Method For Providing A Unified Firewall Manager	12/12/2018	Active
66696512	66696512	US	US10785190B2	System, Apparatus And Method For Providing A Unified Firewall Manager	12/13/2017	Active
66696512	66696512	US	US11870753B2	System, Apparatus And Method For Providing A Unified Firewall Manager	8/14/2020	Active
69008442	69008442	US	US12052159B2	Network Communications With Optimized Quality	6/28/2018	Active
84489541	84489541	US	US11811880B2	Edge Link Redundancy	6/22/2021	Active
84689765	84689765	US	US11916966B2	Access Policy Management	7/2/2021	Active
85722276	85722276	CA	CA3233510A1	Efficient Fail Over To Backup Link	9/27/2022	Active
85722276	85722276	US	US20230100301A1	Efficient Fail Over To Backup Link	9/30/2021	Active
89432764	89432764	US	US20240007361A1	System And Method For Configuring A Device Through An Email/Sms	6/30/2022	Active
35757351	35757351	AT	ATE513392T1	System And Method For Higher Throughput By A Transport Network	8/3/2005	Inactive
35757351	35757351	CA	CA2576038A1	System And Method For Higher Throughput Through A Transportation Network	8/3/2005	Inactive
35757351	35757351	CA	CA2576038C	System And Method For Higher Throughput Through A Transportation Network	8/3/2005	Inactive
35757351	35757351	EP	EP1779606A1	System And Method For Higher Throughput Through A Transportation Network	8/3/2005	Inactive
35757351	35757351	HK	HK1106639A	System And Method For Higher Throughput Through A Transportation Network	11/2/2007	Inactive
35757351	35757351	JP	JP2008509580A	Higher Throughput Systems And Methods Through Transport Networks	8/3/2005	Inactive
35757351	35757351	KR	KR20070065872A	System And Method For Higher Throughput Through A Transportation Network	8/3/2005	Inactive
35757351	35757351	US	US20060029101A1	System And Method For Higher Throughput Through A Transportation Network	8/6/2004	Inactive
35757351	35757351	WO	WO2006012743A1	System And Method For Higher Throughput Through A Transportation Network	8/3/2005	Inactive
35757351	41268486	CA	CA2675866A1	System And Method For Achieving Accelerated Throughput	8/18/2009	Inactive
35757351	41268486	EP	EP2157749A1	System And Method For Achieving Accelerated Throughput	8/14/2009	Inactive
35757351	41268486	EP	EP2528289A1	System And Method For Achieving Accelerated Throughput	8/14/2009	Inactive
35757351	41268486	EP	EP2658191A1	System And Method For Achieving Accelerated Throughput	8/14/2009	Inactive
35757351	41268486	JP	JP2010063094A	System And Method For Improving Throughput	8/18/2009	Inactive
35757351	41268486	JP	JP5164123B2	Systems And Methods To Improve Throughput	8/18/2009	Inactive
35757351	41268486	KR	KR20100021990A	System And Method For Achieving Accelerated Throughput	8/18/2009	Inactive
35757351	41268486	US	US20080304483A1	System And Method For Achieving Accelerated Throughput	8/18/2008	Inactive
35757351	41268486	US	US20100272122A1	System And Method For Achieving Accelerated Throughput	7/9/2010	Inactive
35757351	41268486	US	US20110103388A1	System And Method For Achieving Accelerated Throughput	12/3/2010	Inactive
35757351	41268486	US	US20120213232A1	System And Method For Achieving Accelerated Throughput	4/17/2012	Inactive

Extended Family ID	Simple Family ID	Authority	Document No.	Title	Filing Date	Status
35757351	41268486	US	US20120287806A1	System And Method For Achieving Accelerated Throughput	7/20/2012	Inactive
35757351	41268486	US	US20150236813A1	System And Method For Achieving Accelerated Throughput	4/24/2015	Inactive
35757351	41268486	US	US9893836B2	System And Method For Achieving Accelerated Throughput	7/20/2012	Inactive
35757351	44541705	CN	CN102859921A	System And Method For Achieving Accelerated Throughput	3/3/2011	Inactive
35757351	44541705	EP	EP2543156A1	System And Method For Achieving Accelerated Throughput	3/3/2011	Inactive
35757351	44541705	JP	JP2013526098A	Systems And Methods To Achieve High Throughput	3/3/2011	Inactive
35757351	44541705	US	US11445052B2	System And Method For Achieving Accelerated Throughput	8/8/2015	Inactive
35757351	44541705	US	US12041153B2	System And Method For Achieving Accelerated Throughput	12/20/2020	Inactive
35757351	44541705	US	US20100220728A1	System And Method For Achieving Accelerated Throughput	3/5/2010	Inactive
35757351	44541705	US	US20110206043A1	System And Method For Achieving Accelerated Throughput	4/29/2011	Inactive
35757351	44541705	US	US20150350390A1	System And Method For Achieving Accelerated Throughput	8/8/2015	Inactive
35757351	44541705	US	US20210112148A1	System And Method For Achieving Accelerated Throughput	12/20/2020	Inactive
35757351	44541705	US	US7953114B2	System And Method For Achieving Accelerated Throughput	3/5/2010	Inactive
35757351	44541705	WO	WO2011107963A1	System And Method For Achieving Accelerated Throughput	3/3/2011	Inactive
35757351	46600569	EP	EP2671353A2	Methods For Achieving Target Loss Ratio	2/1/2012	Inactive
35757351	46600569	US	US20120201147A1	Methods For Achieving Target Loss Ratio	2/4/2011	Inactive
35757351	46600569	WO	WO2012104802A2	Methods For Achieving Target Loss Ratio	2/1/2012	Inactive
35757351	48281710	US	US20130124682A1	Network Quality As A Service	1/10/2013	Inactive
35757351	48573646	CN	CN103975570A	Methods For Achieving Target Loss Ratio	11/30/2012	Inactive
35757351	48573646	EP	EP2789151A1	Methods For Achieving Target Loss Ratio	11/30/2012	Inactive
35757351	48573646	JP	JP2015505183A	How To Achieve The Target Loss Rate	11/30/2012	Inactive
35757351	48573646	US	US20120203893A1	Methods For Achieving Target Loss Ratio	12/5/2011	Inactive
35757351	48573646	WO	WO2013084128A1	Methods For Achieving Target Loss Ratio	11/30/2012	Inactive
35757351	49955900	CN	CN103929270A	Network Quality As A Service	1/10/2014	Inactive
35757351	49955900	EP	EP2755342A1	Network Quality As A Service	1/2/2014	Inactive
35757351	49955900	JP	JP2014135724A	Network Quality As Service	1/9/2014	Inactive
35757351	52428695	US	US20150039723A1	Network Quality As A Service	10/17/2014	Inactive
35757351	52428695	US	US20170208119A1	Network Quality As A Service	4/4/2017	Inactive
35757351	52428695	US	US9647952B2	Network Quality As A Service	10/17/2014	Inactive
42165175	42165175	AU	AU2009316197A1	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2009	Inactive
42165175	42165175	CA	CA2743548A1	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2009	Inactive
42165175	42165175	CN	CN102246475A	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2009	Inactive
42165175	42165175	EP	EP2359550A1	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2009	Inactive
42165175	42165175	HK	HK1161780A	System, Apparatus And Method For Providing Aggregated Network Connections	2/2/2012	Inactive

Extended Family ID	Simple Family ID	Authority	Document No.	Title	Filing Date	Status
42165175	42165175	US	US20100118886A1	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2008	Inactive
42165175	42165175	US	US20110222536A1	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2009	Inactive
42165175	42165175	US	US20130064255A1	System, Apparatus And Method For Providing Aggregated Network Connections	3/15/2012	Inactive
42165175	42165175	WO	WO2010054475A1	System, Apparatus And Method For Providing Aggregated Network Connections	11/12/2009	Inactive
42165175	50026612	US	US20140040442A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	8/2/2013	Inactive
42165175	52115553	US	US20150003465A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Inactive
42165175	52430782	AU	AU2014295861A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	7/31/2014	Inactive
42165175	52430782	AU	AU2014295861B2	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	7/31/2014	Inactive
42165175	52430782	CA	CA2893548A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	7/31/2014	Inactive
42165175	52430782	CN	CN105453499A	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	7/31/2014	Inactive
42165175	52430782	CN	CN105453499B	System, Device And Method For Providing Aggregated/Combined Network Connection Between Remote Sites To Improve Performance	7/31/2014	Inactive
42165175	52430782	EP	EP3028418A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	7/31/2014	Inactive
42165175	52430782	WO	WO2015013805A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections Between Remote Sites	7/31/2014	Inactive
42165175	53883334	US	US20150244580A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Cloud Provisioning	3/4/2015	Inactive
42165175	53883334	US	US20180041390A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Cloud Provisioning	3/4/2016	Inactive
42165175	54774435	AU	AU2015258288A1	System, Apparatus And Method For Providing Aggregated Network Connections	11/20/2015	Inactive
42165175	55017824	US	US20160006672A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay	7/3/2015	Inactive
42165175	55017824	US	US20180191638A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay	6/30/2016	Inactive
42165175	55438552	US	US20160072669A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	11/19/2015	Inactive
42165175	56849156	CA	CA3016213A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Cloud Provisioning	3/4/2016	Inactive
42165175	56849156	WO	WO2016138576A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Cloud Provisioning	3/4/2016	Inactive

Extended Family ID	Simple Family ID	Authority	Document No.	Title	Filing Date	Status
42165175	57149585	US	US20160315808A1	System And Method For Providing A Control Plane For Quality Of Service	7/6/2016	Inactive
42165175	57684649	CA	CA2990045A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay	6/30/2016	Inactive
42165175	57684649	WO	WO2017004693A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay	6/30/2016	Inactive
42165175	58717144	CA	CA3005641A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	11/17/2016	Inactive
42165175	58717144	WO	WO2017083975A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	11/17/2016	Inactive
42165175	60901553	CA	CA3029862A1	System And Method For Providing A Control Plane For Quality Of Service	6/29/2017	Inactive
42165175	60901553	WO	WO2018006163A1	System And Method For Providing A Control Plane For Quality Of Service	6/29/2017	Inactive
42165175	64692913	US	US20180375760A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	11/17/2016	Inactive
42165175	64692913	US	US20210111998A1	System, Apparatus And Method For Providing A Virtual Network Edge And Overlay With Virtual Control Plane	12/18/2020	Inactive
43585816	43585816	AU	AU2010282174A1	System, Method, Computer Program For Multidirectional Pathway Selection	8/12/2010	Inactive
43585816	43585816	CA	CA2770791A1	System, Method, Computer Program For Multidirectional Pathway Selection	8/12/2010	Inactive
43585816	43585816	CN	CN102577332A	System, Method, Computer Program For Multidirectional Pathway Selection	8/12/2010	Inactive
43585816	43585816	EP	EP2465250A1	System, Method, Computer Program For Multidirectional Pathway Selection	8/12/2010	Inactive
43585816	43585816	HK	HK1170866A	System, Method, Computer Program For Multidirectional Pathway Selection	11/14/2012	Inactive
43585816	43585816	US	US20110041002A1	System, Method, Computer Program For Multidirectional Pathway Selection	8/12/2009	Inactive
43585816	43585816	US	US20120188868A1	System, Method, Computer Program For Multidirectinal Pathway Selection	8/12/2010	Inactive
43585816	43585816	WO	WO2011017804A1	System, Method, Computer Program For Multidirectional Pathway Selection	8/12/2010	Inactive
45438521	45438521	AU	AU2011279353A1	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2011	Inactive
45438521	45438521	AU	AU2011279353B2	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2011	Inactive
45438521	45438521	CA	CA2805105A1	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2011	Inactive
45438521	45438521	CN	CN103098429A	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2011	Inactive
45438521	45438521	CN	CN104935459A	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2011	Inactive
45438521	45438521	EP	EP2594043A1	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2011	Inactive
45438521	45438521	HK	HK1190240A	System, Method And Computer Program For Intelligent Packet Distribution	11/22/2013	Inactive
45438521	45438521	HK	HK1215498A, A1	System, Method And Computer Program For Intelligent Packet Distribution	3/22/2016	Inactive
45438521	45438521	US	US20120008496A1	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2010	Inactive
45438521	45438521	WO	WO2012006715A1	System, Method And Computer Program For Intelligent Packet Distribution	7/12/2011	Inactive

Extended Family ID	Simple Family ID	Authority	Document No.	Title	Filing Date	Status
46600563	46600563	CN	CN103348647A	Mechanisms To Improve The Transmission Control Protocol Performance In Wireless Networks	1/30/2012	Inactive
46600563	46600563	EP	EP2673933A1	Mechanisms To Improve The Transmission Control Protocol Performance In Wireless Networks	1/30/2012	Inactive
46600563	46600563	JP	JP2014509483A	Mechanisms For Improving The Performance Of Transmission Control Protocols In Wireless Networks	1/30/2012	Inactive
46600563	46600563	US	US20120201136A1	Mechanisms To Improve The Transmission Control Protocol Performance In Wireless Networks	2/7/2011	Inactive
46600563	46600563	US	US20140204744A1	Mechanisms To Improve The Transmission Control Protocol Performance In Wireless Networks	3/19/2014	Inactive
46600563	46600563	WO	WO2012107854A1	Mechanisms To Improve The Transmission Control Protocol Performance In Wireless Networks	1/30/2012	Inactive
46600563	53173203	US	US20150138983A1	System And Method For Reducing Bandwidth Usage Of A Network	1/27/2015	Inactive
46600563	53173203	US	US20170134293A1	System And Method For Reducing Bandwidth Usage Of A Network	1/24/2017	Inactive
46600563	53173203	US	US20180331962A1	System And Method For Reducing Bandwidth Usage Of A Network	7/25/2018	Inactive
46600563	53173203	US	US20200228453A1	System And Method For Reducing Bandwidth Usage Of A Network	3/25/2020	Inactive
49622608	49622608	US	US20130318574A1	System And Method For Group Video Messaging Service	3/14/2013	Inactive
49622608	49622608	US	US20150181162A1	System And Method For Group Video Messaging Service	1/9/2015	Inactive
49886104	50385074	CN	CN104704783A	System And Method For A Tcp Mapper	9/26/2013	Inactive
49886104	50385074	EP	EP2904750A1	System And Method For A Tcp Mapper	9/26/2013	Inactive
49886104	50385074	KR	KR20150074018A	System And Method For A Tcp Mapper	9/26/2013	Inactive
49886104	50385074	US	US20140092741A1	System And Method For A Tcp Mapper	3/13/2013	Inactive
49886104	50385074	US	US20140133308A1	System And Method For A Tcp Mapper	1/17/2014	Inactive
49886104	50385074	US	US20170041232A1	System And Method For A Tcp Mapper	10/19/2016	Inactive
49886104	50385074	US	US20180359185A1	System And Method For A Tcp Mapper	8/21/2018	Inactive
49886104	50385074	WO	WO2014053969A1	System And Method For A Tcp Mapper	9/26/2013	Inactive
49886104	52427574	US	US20150036500A1	System And Method For A Tcp Mapper	10/17/2014	Inactive
49886104	52427574	US	US20150358238A1	System And Method For A Tcp Mapper	8/17/2015	Inactive
52344423	52344423	US	US20150026130A1	Method For Efficient Management Of Email Attachments	7/17/2013	Inactive
55302966	55302966	US	US20160050085A1	Udp Over Tcp Tunnel	8/15/2014	Inactive
55302966	55302966	US	US20190007235A1	Udp Over Tcp Tunnel	9/6/2018	Inactive
55302966	55302966	US	US20210288839A1	Udp Over Tcp Tunnel	3/29/2021	Inactive
55521914	55521914	CA	CA2863901A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Inactive
55532368	55532368	AU	AU2014406560A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Inactive
55532368	55532368	CA	CA2962185A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded	9/17/2014	Inactive

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Extended Family ID	Simple Family ID	Authority	Document No.	Title	Filing Date	Status
				Network Connections With Multiprotocol Label Switching		
55532368	55532368	CN	CN106922211A	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Inactive
55532368	55532368	EP	EP3195534A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Inactive
55532368	55532368	US	US20170250901A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Inactive
55532368	55532368	WO	WO2016041048A1	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2014	Inactive
55792859	55792859	US	US20160119154A1	Usage And Performance Based Billing	10/23/2015	Inactive
56433514	56433514	US	US20160218986A1	Minimal Buffer Network Arbiter	1/26/2015	Inactive
56433514	56433514	US	US20190052571A1	Minimal Buffer Network Arbiter	10/18/2018	Inactive
56433514	56433514	US	US20200382433A1	Minimal Buffer Network Arbiter	8/14/2020	Inactive
59679050	59679050	US	US20170251048A1	Efficient File Routing System	3/29/2016	Inactive
59679050	59679050	US	US20190104170A1	Efficient File Routing System	11/30/2018	Inactive
59679050	59679050	US	US20220377127A1	Efficient File Routing System	7/29/2022	Inactive
59679050	59679059	US	US20170251045A1	Efficient File Routing System	2/25/2016	Inactive
60157030	60157030	US	US20170318088A1	Efficient File Synchronisation	4/28/2016	Inactive
60910573	60910573	US	US20180013556A1	System, Apparatus And Method For Encrypting Overlay Networks Using Quantum Key Distribution	6/28/2017	Inactive
66696512	66696512	CA	CA3027212A1	System, Apparatus And Method For Providing A Unified Firewall Manager	12/12/2018	Inactive
66696512	66696512	US	US20190182213A1	System, Apparatus And Method For Providing A Unified Firewall Manager	12/13/2017	Inactive
66696512	66696512	US	US20210112033A1	System, Apparatus And Method For Providing A Unified Firewall Manager	8/14/2020	Inactive
69008442	69008442	US	US20200007430A1	Network Communications With Optimized Quality	6/28/2018	Inactive
84489541	84489541	US	US20220407922A1	Edge Link Redundancy	6/22/2021	Inactive
84489541	84489541	WO	WO2022266754A1	Edge Link Redundancy	6/21/2022	Inactive
84689765	84689765	US	US20230007045A1	Access Policy Management	7/2/2021	Inactive
84689765	84689765	WO	WO2023272379A1	Access Policy Management	6/22/2022	Inactive
85722276	85722276	WO	WO2023049997A1	Efficient Fail Over To Backup Link	9/27/2022	Inactive
35757351	44541705	HK	HK1178351	System and Method for Achieving Accelerated Throughput	5/21/2013	Inactive
55532368	55532368	TW	TW201616834	System, Apparatus And Method For Providing Improved Performance Of Aggregated/Bonded Network Connections With Multiprotocol Label Switching	9/17/2015	Inactive