

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5835965

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	QUITCLAIM

CONVEYING PARTY DATA

Name	Execution Date
GATE WORLDWIDE HOLDINGS LLC	11/21/2019

RECEIVING PARTY DATA

Name:	NOMADIX, INC.
Street Address:	30851 AGOURA ROAD
Internal Address:	SUITE 102
City:	AGOURA HILLS
State/Country:	CALIFORNIA
Postal Code:	91301

PROPERTY NUMBERS Total: 126

Property Type	Number
Patent Number:	7088727
Patent Number:	7554995
Patent Number:	6636894
Patent Number:	8713641
Patent Number:	8613053
Application Number:	90007220
Patent Number:	7689716
Patent Number:	8266266
Patent Number:	8244886
Patent Number:	8725888
Patent Number:	8725899
Patent Number:	8788690
Patent Number:	9548935
Patent Number:	9160672
Patent Number:	10110436
Patent Number:	8156246
Patent Number:	8266269
Patent Number:	8364806
Patent Number:	8370477

PATENT

Property Type	Number
Patent Number:	8606917
Patent Number:	7194554
Patent Number:	8868740
Patent Number:	9330400
Patent Number:	8566912
Patent Number:	9141773
Patent Number:	9894035
Patent Number:	7739383
Patent Number:	7698432
Patent Number:	7953857
Patent Number:	8626922
Patent Number:	9160674
Patent Number:	6789110
Patent Number:	6868399
Patent Number:	7117526
Patent Number:	8190708
Patent Number:	8516083
Patent Number:	7197556
Patent Number:	6810426
Patent Number:	7752334
Patent Number:	7822873
Patent Number:	8051206
Patent Number:	8234409
Patent Number:	8370524
Patent Number:	8832315
Patent Number:	9491136
Patent Number:	9118578
Patent Number:	8804717
Patent Number:	10134098
Patent Number:	9641424
Patent Number:	10341243
Application Number:	16249600
Application Number:	16126480
Application Number:	15891167
Application Number:	14879567
Application Number:	16157446
Application Number:	15343587
Application Number:	14832945

Property Type	Number
Application Number:	16193335
Application Number:	15497919
Application Number:	08816174
Patent Number:	6130892
Patent Number:	8027339
Patent Number:	8594107
Application Number:	90007423
Application Number:	14086876
Application Number:	14261239
PCT Number:	US0132497
Application Number:	60111497
Application Number:	60161182
Application Number:	60160890
Application Number:	60161139
Application Number:	60161189
Application Number:	60160973
Application Number:	60161093
Application Number:	60161181
PCT Number:	US2000029174
PCT Number:	US0029173
Application Number:	15142706
Application Number:	60848116
PCT Number:	US2007079974
Application Number:	12534814
Application Number:	61223667
PCT Number:	US2010040971
PCT Number:	US2000029172
Application Number:	60161180
Patent Number:	6795852
PCT Number:	US2000028541
PCT Number:	US0041350
PCT Number:	US2000029069
Application Number:	13968824
PCT Number:	US2000029171
PCT Number:	US2000041349
Application Number:	60202285
Patent Number:	7020082
Application Number:	60202326

Property Type	Number
PCT Number:	US2001014493
Application Number:	60265415
PCT Number:	US2002003031
Application Number:	12690891
PCT Number:	US2003004857
Application Number:	60161138
Patent Number:	6194992
Patent Number:	7216152
Application Number:	13460997
Application Number:	61484155
PCT Number:	US2012036182
Application Number:	61433908
PCT Number:	US2012021596
Patent Number:	6377990
Application Number:	61491022
PCT Number:	US2012039712
Application Number:	14199944
Application Number:	61781924
PCT Number:	US2014022041
Application Number:	61902744
Application Number:	62016327
Application Number:	62062765
Application Number:	62094894
Application Number:	16401894
Application Number:	16409584
Application Number:	16399855
Application Number:	62861943
Application Number:	62862619
PCT Number:	US9804781
PCT Number:	US9905260
Patent Number:	6857009

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: 9497600404

Email: efilings@knobbe.com

Correspondent Name: KNOBBE MARTENS OLSON & BEAR, LLP

Address Line 1: 2040 MAIN ST

PATENT

Address Line 2: 14TH FLOOR
Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER: NOMDX.000GEN

NAME OF SUBMITTER: HARNIK SHUKLA

SIGNATURE: /Harnik Shukla/

DATE SIGNED: 11/22/2019

Total Attachments: 32

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QUITCLAIM AND ASSIGNMENT IN FAVOR OF NOMADIX

This *Quitclaim and Assignment in Favor of Nomadix* (“Quitclaim”) is effective as of November 21, 2019 (the “Effective Date”), and is granted by Gate Worldwide Holdings LLC (“GWH”), a Delaware limited liability company having an office at 405 Lexington Avenue, 26th Floor, New York, NY 10174, in favor of Nomadix, Inc. (“Nomadix”), a Delaware corporation having an office at 30851 Agoura Road, Suite 102, Agoura Hills, California 91301.

RECITALS

This Quitclaim is made with reference to the following background:

GWH recorded with the United States Patent and Trademark Office (USPTO) a document dated January 12, 2018, at Reel 045113, Frame 0928 (“January 2018 Recorded Document”).

While Nomadix has retained ownership of the Nomadix Property (defined below) under all applicable laws during the Ownership Period (defined below), GWH executes this Quitclaim to dispel any doubt about Nomadix’s continued ownership of the Nomadix Property; and GWH desires to assign back to Nomadix any and all right, title, and interest GWH may have in such assets (which GWH believes is none, since Nomadix retained ownership), including all property purportedly assigned to GWH via the January 2018 Recorded Document.

QUITCLAIM AND ASSIGNMENT

1 Further Definitions.

- 1.1 The “Ownership Period” starts on September 28, 2015, and ends on the Effective Date, the moment just before this Quitclaim goes into effect.
- 1.2 “Assets” include:
 - 1.2.1 intellectual property of any kind (including intellectual property in any jurisdiction or under any treaty), including patents, inventions, copyrights, designs, trade secrets, software, data, and applications for any of the foregoing;
 - 1.2.2 rights in any contracts relating to intellectual property; and
 - 1.2.3 all causes of action, remedies, and rights of any kind associated with anything included in sections 1.2.1–1.2.2, including:
 - 1.2.3.1 all claims for patent infringement, including the right to sue for—and collect damages on—past, present, or future infringement; and
 - 1.2.3.2 all contractual rights to monetary sums, including all contractual rights to royalties or license fees.
- 1.3 One patent document (e.g., issued patent or patent application) is a “Priority Relative” of another patent document if (1) one of the patent documents claims

priority to the other or (2) there exists a third patent document to which they both claim priority.

1.4 “Nomadix Property” includes:

- 1.4.1 anything included in the term “Collateral” under a *Patent Security Agreement* (“Patent Security Agreement”) between Nomadix and NTT DOCOMO, INC. (“NTT DOCOMO”), a copy of which was recorded with the USPTO on September 30, 2015, at Reel 036721, Frame 0341, or as amended by a *Modification to Patent Security Agreement* (“Modification”), a copy of which was recorded with the USPTO at Reel 043710, Frame 0387, dated August 29, 2017;
- 1.4.2 anything the January 2018 Recorded Document purported to grant, assign, or convey to GWH;
- 1.4.3 all patents, patent applications, inventions, and rights (including monetary interests) that NTT DOCOMO or GWH obtained a security interest in by virtue of any of the Patent Security Agreement, the Modification, or an *Assignment of Patent Security Agreement* dated September 5, 2017 (by NTT DOCOMO in favor of GWH);
- 1.4.4 all patents and patent applications Nomadix owned or had any interest in just before the January 2018 Recorded Document was signed;
- 1.4.5 all patents and patent applications listed in Schedule A of this Quitclaim, Schedule A of the Patent Security Agreement, Schedule A of the Modification, or Schedule A of the January 2018 Recorded Document;
- 1.4.6 all reissues, divisions, continuations, renewals, reissues, reexaminations, extensions, continuations-in-part, Priority Relatives, and subject-matter counterparts of any patents or patent applications included in sections 1.4.1–1.4.5;
- 1.4.7 all inventions and intellectual property of any form disclosed in or pertaining to anything included in sections 1.4.1–1.4.6;
- 1.4.8 all causes of action, remedies, and rights of any kind associated with anything included in sections 1.4.1–1.4.7, including:
 - 1.4.8.1 all claims for patent infringement, including the right to sue for—and collect damages on—past, present, or future infringement;
 - 1.4.8.2 the claims pursued by Nomadix against Guest-Tek Interactive Entertainment Ltd. (“Guest-Tek”) in case no. 2:16-cv-08033 in the United States District Court for the Central District of California; and
 - 1.4.8.3 all contractual rights to monetary sums, including all contractual rights to royalties or license fees, including all rights under a Confidential License Agreement between Nomadix and Guest-Tek

(and Guest-Tek Interactive Entertainment Inc.) with effective date December 30, 2010; and

- 1.4.9 any other Assets that Nomadix has owned, or has had any interest in, at any point during the Ownership Period.
- 2 **Quitclaim.** GWH hereby quitclaims and relinquishes (in favor of Nomadix) any claim to, and hereby assigns to Nomadix, any right, title, or interest in or to Nomadix Property that GWH may have had before signing this Quitclaim.
- 3 This Quitclaim is binding on GWH and its successors and assigns, and this Quitclaim inures to the benefit of Nomadix and its successors and assigns.

GATE WORLDWIDE HOLDINGS LLC



Mark Khandjian
Chief Financial Officer

Date: November 21, 2019

SCHEDULE A

Patents

Title	Office	Application No.	Patent No.	Filed
SYSTEM AND METHOD FOR ESTABLISHING NETWORK CONNECTION WITH UNKNOWN NETWORK AND/OR USER DEVICE	US	09/684937	7088727	10/6/2000
SYSTEM AND METHOD FOR ESTABLISHING NETWORK CONNECTION WITH UNKNOWN NETWORK AND/OR USER DEVICE	US	11/097925	7554995	4/1/2005
NOMADIC TRANSLATOR OR ROUTER	BR	PI9808014-8	PI9808014-8	3/12/1998
SYSTEMS AND METHODS FOR REDIRECTING USERS HAVING TRANSPARENT COMPUTER ACCESS TO A NETWORK USING A GATEWAY DEVICE HAVING REDIRECTION CAPABILITY	US	09/458569	6636894	12/8/1999
SYSTEMS AND METHODS FOR AUTHORIZING, AUTHENTICATING AND ACCOUNTING USERS HAVING TRANSPARENT COMPUTER ACCESS TO A NETWORK USING A GATEWAY DEVICE	US	09/458602	8713641	12/8/1999
SYSTEM AND METHOD FOR AUTHORIZING A PORTABLE COMMUNICATION DEVICE	US	13/271099	8613053	10/11/2011
SYSTEMS AND METHODS FOR REDIRECTING USERS HAVING TRANSPARENT COMPUTER ACCESS TO A NETWORK USING A GATEWAY DEVICE HAVING REDIRECTION CAPABILITY	US	90/007220	6636894 C1	9/24/2004

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	US	11/427143	7689716	6/28/2006
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	US	12/685585	8266266	1/11/2010
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	12/875043	8244886	9/2/2010
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	14/059213	8725888	10/21/2013
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	14/059263	8725899	10/21/2013
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	14/094712	8788690	12/2/2013
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	14/335587	9548935	7/18/2014
SYSTEMS AND METHODS FOR CONTROLLING USER PERCEIVED CONNECTION SPEED	US	14/675563	9160672	3/31/2015
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	15/406618	10110436	1/13/2017
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	13/244866	8156246	9/26/2011

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	13/329867	8266269	12/19/2011
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	13/566904	8364806	8/3/2012
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	13/566961	8370477	8/3/2012
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	13/659851	8606917	10/24/2012
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	CA	2725720	2725720	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	AU	200112243	779137	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	CA	2388628	2388628	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	CN	815827.4	ZL00815827.4	10/20/2000

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	EP	973771.9	1222775	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	GB	973771.9	1222775	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	JP	2001-533680	5084086	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	JP	2010-167190	4791589	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	KR	10-2002-7005174	687837	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	DE	9005810.8	600 45 850.4	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	EP	9005810.8	2093928	10/20/2000

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	HK	10101833.7	1135534	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	IT	9005810.8	502011901963028	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	SG	200202285-3	88465	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	BE	975338.5	1222791	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	CA	2388623	2388623	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	CA	2698604	2698604	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	CN	815828.2	ZL00815828.2	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	DE	975338.5	60020588.6	10/20/2000

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	EP	975338.5	1222791	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	ES	975338.5	1222791	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	FR	975338.5	1222791	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	GB	975338.5	1222791	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	JP	2001-533719	5047436	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	JP	2010-069550	4846036	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	KR	10-2002-7005164	734965	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	NL	975338.5	1222791	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	AU	2006207853	2006207853	10/20/2001

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	SG	200202438-8	88575	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	US	09/693060	7194554	10/20/2000
SYSTEMS AND METHODS FOR INJECTING CONTENT	US	11/864319	8868740	9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	US	14/517066	9330400	10/17/2014
SYSTEMS AND METHODS FOR INJECTING CONTENT	AU	2007303531	2007303531	9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	CN	200780041876.9	ZL200780041876.9	9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	DE	7843538.5	60 2007 054 695.8	9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	EP	7843538.5	2067337	9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	FR	7843538.5	2067337	9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	GB	7843538.5	2067337	9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	JP	2009-530653	5292297	9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	SG	200902128-8	151035	9/28/2007
ZONE MIGRATION IN NETWORK ACCESS	AU	2010270756	2010270756	7/2/2010
ZONE MIGRATION IN NETWORK ACCESS	US	13/478458	8566912	5/23/2012
ZONE MIGRATION IN NETWORK ACCESS	US	14/057481	9141773	10/18/2013
ZONE MIGRATION IN NETWORK ACCESS	US	14/855221	9894035	9/15/2015
ZONE MIGRATION IN NETWORK ACCESS	CA	2767245	2767245	7/2/2010

Title	Office	Application No.	Patent No.	Filed
ZONE MIGRATION IN NETWORK ACCESS	CN	201080037226.9	ZL201080037226.9	7/2/2010
ZONE MIGRATION IN NETWORK ACCESS	JP	2012-519631	5830017	7/2/2010
ZONE MIGRATION IN NETWORK ACCESS	KR	10-2012-7003262	10-1625173	7/2/2010
ZONE MIGRATION IN NETWORK ACCESS	MX	MX/a/2012/000355	321671	7/2/2010
ZONE MIGRATION IN NETWORK ACCESS	SG	201200009-7	177476	7/2/2010
ZONE MIGRATION IN NETWORK ACCESS	ZA	2012/00071	2012/00071	7/2/2010
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATIONS NETWORK	US	09/693481	7739383	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATIONS NETWORK	US	12/579820	7698432	10/15/2009
SYSTEMS AND METHODS FOR DYNAMIC DATA TRANSFER MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATIONS NETWORK	US	12/771915	7953857	4/30/2010
SYSTEMS AND METHODS FOR DYNAMIC DATA TRANSFER MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATIONS NETWORK	US	13/094769	8626922	4/26/2011
SYSTEMS AND METHODS FOR DYNAMIC DATA TRANSFER MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATIONS NETWORK	US	14/146971	9160674	1/3/2014

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	BE	973770.1	1232610	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	DE	973770.1	60041352.7	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	EP	973770.1	1232610	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	ES	973770.1	1232610	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	FR	973770.1	1232610	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	GB	973770.1	1232610	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	IT	973770.1	502009901720805	10/20/2000

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	NL	973770.1	1232610	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	DE	7100292.7	600 48 263.4	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	EP	7100292.7	1819108	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	FR	7100292.7	1819108	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	GB	7100292.7	1819108	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	HK	7113601.7	1105493	10/20/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	US	09/541877	6789110	4/3/2000

Title	Office	Application No.	Patent No.	Filed
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	CA	2388601	2388601	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	CN	815982.3	ZL00815982.3	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	DE	972188.7	60029819.1	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	EP	972188.7	1234425	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	FR	972188.7	1234425	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	GB	972188.7	1234425	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	JP	2001-533716	3880856	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	KR	10-2002-7005059	10-0559357	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	NL	972188.7	1234425	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	SG	200202303-4	88483	10/16/2000

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR INTEGRATING A NETWORK GATEWAY DEVICE WITH MANAGEMENT SYSTEMS	US	09/693061	6868399	10/20/2000
METHOD AND APPARATUS FOR ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	US	09/693369	7117526	10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	DE	972302.4	60028229.5	10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	EP	972302.4	1226687	10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	FR	972302.4	1226687	10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	GB	972302.4	1226687	10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	NL	972302.4	1226687	10/20/2000
GATEWAY DEVICE HAVING AN XML INTERFACE AND ASSOCIATED METHOD	US	09/693512	8190708	10/20/2000
SYSTEMS AND METHODS OF COMMUNICATING USING XML	US	13/462585	8516083	5/2/2012
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	US	09/693511	7197556	10/20/2000

Title	Office	Application No.	Patent No.	Filed
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	DE	989664.8	60011799.5	10/20/2000
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	EP	989664.8	1224788	10/20/2000
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	FR	989664.8	1224788	10/20/2000
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	GB	989664.8	1224788	10/20/2000
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	NL	989664.8	1224788	10/20/2000
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	CA	2408233	2408233	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	CH	1931065.5	1282955	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	CN	1810733.8	ZL01810733.8	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	DE	1931065.5	60108861.1	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	EP	1931065.5	1282955	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	FR	1931065.5	1282955	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	GB	1931065.5	1282955	5/4/2001

Title	Office	Application No.	Patent No.	Filed
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	JP	2001-582972	4471554	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	NL	1931065.5	1282955	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	SG	200206956-5	93120	5/4/2001
METHODS AND SYSTEMS PROVIDING FAIR QUEUING AND PRIORITY SCHEDULING TO ENHANCE QUALITY OF SERVICE IN A NETWORK	US	10/060273	6810426	1/30/2002
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	10/271640	7752334	10/15/2002
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	12/830264	7822873	7/2/2010
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	12/908341	8051206	10/20/2010
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	13/276217	8234409	10/18/2011
SYSTEMS AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	13/550079	8370524	7/16/2012
SYSTEMS AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	13/756341	8832315	1/31/2013

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	14/478429	9491136	9/5/2014
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHOD FOR NETWORK ADDRESS TRANSLATION	DE	3808931.4	60336573.6	2/20/2003
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHOD FOR NETWORK ADDRESS TRANSLATION	EP	3808931.4	1554860	2/20/2003
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHOD FOR NETWORK ADDRESS TRANSLATION	FR	3808931.4	1554860	2/20/2003
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHOD FOR NETWORK ADDRESS TRANSLATION	GB	3808931.4	1554860	2/20/2003
SYSTEM AND METHOD FOR NETWORK ACCESS WITHOUT RECONFIGURATION	US	09/694577	6857009	10/23/2000
SYSTEM AND METHOD FOR NETWORK ACCESS WITHOUT RECONFIGURATION	DE	991875.6	60049040.8	10/20/2000
SYSTEM AND METHOD FOR NETWORK ACCESS WITHOUT RECONFIGURATION	EP	991875.6	1234246	10/20/2000
SYSTEM AND METHOD FOR NETWORK ACCESS WITHOUT RECONFIGURATION	FR	991875.6	1234246	10/20/2000
SYSTEM AND METHOD FOR NETWORK ACCESS WITHOUT RECONFIGURATION	GB	991875.6	1234246	10/20/2000
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	US	13/352255	9118578	1/17/2012

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	AU	2012207471	2012207471	7/23/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	BE	12701629.3	2666266	7/18/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	CN	201280011004.9	ZL201280011004.9	8/30/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	HK	14104688.3	HK1191471	5/19/2014
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	DE	12701629.3	60 2012 018 310.1	7/18/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	EP	12701629.3	2666266	7/18/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	HK	14104868.5	HK1191771	5/23/2014
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	ES	12701629.3	2666266	7/18/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	FR	12701629.3	2666266	7/18/2013

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	GB	12701629.3	2666266	7/18/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	IT	12701629.3	502016000079457	7/18/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	JP	2013-550543	6104178	7/18/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	NL	12701629.3	2666266	7/18/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	SG	2013054648	192006	7/17/2013
SERIAL REDIRECTOR DEVICE AND ASSOCIATED METHODS	US	13/481060	8804717	5/25/2012
TRAVELER TRACKING SYSTEM	US	14/538580	10134098	11/11/2014
SHAPING OUTGOING TRAFFIC OF NETWORK PACKETS IN A NETWORK MANAGEMENT SYSTEM	US	14/880099	9641424	10/9/2015
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	15/788291	10341243	10/19/2017
SYSTEMS AND METHODS FOR PROVIDING CONTENT AND SERVICES ON A NETWORK SYSTEM	US	16/249600		1/16/2019

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	ES	9005810.8	2093928	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	FR	9005810.8	2093928	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	GB	9005810.8	2093928	10/20/2000
SYSTEMS AND METHODS FOR INJECTING CONTENT	US	16/126480		9/10/2018
SYSTEMS AND METHODS FOR INJECTING CONTENT	IN	2354/DELNP/2009		9/28/2007
ZONE MIGRATION IN NETWORK ACCESS	US	15/891167		2/7/2018
ZONE MIGRATION IN NETWORK ACCESS	EP	10742932.6		7/2/2010
ZONE MIGRATION IN NETWORK ACCESS	HK	12111717.5		11/16/2012
ZONE MIGRATION IN NETWORK ACCESS	IN	913/DELNP/2012		7/2/2010
SYSTEMS AND METHODS FOR DYNAMIC DATA TRANSFER MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATIONS NETWORK	US	14/879567		10/9/2015
SYSTEMS AND METHODS FOR DYNAMIC DATA TRANSFER MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATIONS NETWORK	US	16/157446		10/11/2018

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	15/343587		11/4/2016
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	AU	2016247155		10/20/2016
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	AU	2018274984		12/7/2018
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	US	14/832945		8/21/2015
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	CA	2825047		7/17/2013
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	IN	6503/DELNP/2013		7/19/2013
HIERARCHICAL RULE-BASED ROUTING SYSTEM	EP	14714072.7		10/14/2015
HIERARCHICAL RULE-BASED ROUTING SYSTEM	HK	16108546.4		7/19/2016
TRAVELER TRACKING SYSTEM	US	16/193335		11/16/2018
SHAPING OUTGOING TRAFFIC OF NETWORK PACKETS IN A NETWORK MANAGEMENT SYSTEM	US	15/497919		4/26/2017
NOMADIC TRANSLATOR OR ROUTER	US	08/816174		3/12/1997
NOMADIC TRANSLATOR OR ROUTER	US	09/041534	6130892	3/12/1998

Title	Office	Application No.	Patent No.	Filed
SYSTEM AND METHOD FOR ESTABLISHING NETWORK CONNECTION	US	12/240427	8027339	9/29/2008
SYSTEM AND METHOD FOR ESTABLISHING NETWORK CONNECTION	US	13/225059	8594107	9/2/2011
REEXAM OF NOMADIC TRANSLATOR OR ROUTER	US	90/007423	6130892 C1	2/15/2005
SYSTEM AND METHOD FOR ESTABLISHING NETWORK CONNECTION	US	14/086876		11/21/2013
NOMADIC TRANSLATOR OR ROUTER	CA	2332023		3/11/1999
NOMADIC TRANSLATOR OR ROUTER	EP	99912386.2		3/11/1999
NOMADIC TRANSLATOR OR ROUTER	HK	1102085.1		3/11/1999
NOMADIC TRANSLATOR OR ROUTER	JP	2000-536163		3/11/1999
NOMADIC TRANSLATOR OR ROUTER	WO	PCT/US99/05260		3/11/1999
NOMADIC TRANSLATOR OR ROUTER	SG	200006414-7		3/11/1999
NOMADIC TRANSLATOR OR ROUTER	AU	66984/98	740012	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	BE	98909121	968596	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	CA	2283964	2283964	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	CH	98909121	968596	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	CN	98805023.4	ZL98805023.4	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	DE	98909121	698 38 095.9	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	EP	98909121	968596	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	ES	98909121	968596	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	FI	98909121	968596	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	FR	98909121	968596	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	GB	98909121	968596	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	IE	98909121	968596	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	IL	131831	138131	3/12/1998

Title	Office	Application No.	Patent No.	Filed
NOMADIC TRANSLATOR OR ROUTER	JP	539771/1998		3/12/1998
NOMADIC TRANSLATOR OR ROUTER	KR	1999-7008326	528156	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	MX	PA/a/1999/008386	222100	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	NL	98909121	968596	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	NO	19994418		3/12/1998
NOMADIC TRANSLATOR OR ROUTER	NZ	337772	337772	3/12/1998
NOMADIC TRANSLATOR OR ROUTER	WO	PCT/US98/04781		3/12/1998
NOMADIC TRANSLATOR OR ROUTER	SE	98909121	968596	3/12/1998
SYSTEM AND METHOD FOR AUTHORIZING A PORTABLE COMMUNICATION DEVICE	US	14/261239		4/24/2014
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	WO	PCT/US01/32497		10/17/2001
AUTOMATIC USER TRACKING AND SECURITY IN NETWORKS	US	60/111497		12/8/1998
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMPUTER NETWORK	US	60/161182		10/22/1999
SYSTEMS AND METHODS FOR DYNAMICALLY CREATING SUBSCRIBER TUNNELS BY A GATEWAY DEVICE IN A COMPUTER NETWORK	US	60/160890		10/22/1999
POP-UP CONTROL PANEL FOR USE WITH A NETWORK GATEWAY DEVICE	US	60/161139		10/22/1999

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR TRANSPARENT COMPUTER ACCESS AND COMMUNICATION WITH A SERVICE PROVIDER NETWORK USING A NETWORK GATEWAY DEVICE	US	60/161189		10/22/1999
SYSTEMS AND METHODS FOR ENABLING NETWORK GATEWAY DEVICES TO COMMUNICATE WITH MANAGEMENT SYSTEMS TO FACILITATE SUBSCRIBER MANAGEMENT	US	60/160973		10/22/1999
LOCATION BASED IDENTIFICATION AND AUTHORIZATION FOR USE WITH A GATEWAY DEVICE	US	60/161093		10/22/1999
GATEWAY DEVICE HAVING AN XML INTERFACE AND ASSOCIATED METHOD	US	60/161181		10/22/1999
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	IL	149223	149223	10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	WO	PCT/US2000/029174		10/20/2000
SYSTEMS AND METHODS FOR PROVIDING DYNAMIC NETWORK AUTHORIZATION, AUTHENTICATION AND ACCOUNTING	SE	9005810.8	2093928	10/20/2000

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	AU	13404/01		10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	IL	149227	149227	10/20/2000
SYSTEMS AND METHODS FOR REDIRECTING USERS ATTEMPTING TO ACCESS A NETWORK SITE	WO	PCT/US00/29173		10/20/2000
SYSTEMS AND METHODS FOR INJECTING CONTENT	US	15/142706		4/29/2016
SYSTEMS AND METHODS FOR INJECTING CONTENT	US	60/848116		9/29/2006
SYSTEMS AND METHODS FOR INJECTING CONTENT	AU	2011202527		9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	CN	201310585910.60		11/20/2013
SYSTEMS AND METHODS FOR INJECTING CONTENT	HK	9111608.2		9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	HK	14108484		8/19/2014
SYSTEMS AND METHODS FOR INJECTING CONTENT	JP	2013-120725		6/7/2013
SYSTEMS AND METHODS FOR INJECTING CONTENT	KR	10-2009-7008860		9/28/2007
SYSTEMS AND METHODS FOR INJECTING CONTENT	WO	PCT/US2007/079974		9/28/2007
ZONE MIGRATION IN NETWORK ACCESS	US	12/534814		8/3/2009
ZONE MIGRATION IN NETWORK ACCESS	BR	PI 112012000373-9		7/2/2010
ZONE MIGRATION IN NETWORK ACCESS	US	61/223667		7/7/2009
ZONE MIGRATION IN NETWORK ACCESS	WO	PCT/US2010/040971		7/2/2010

Title	Office	Application No.	Patent No.	Filed
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMPUTER NETWORK	WO	PCT/US2000/029172		10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	EP	7100293.5		10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMMUNICATION NETWORK	HK	7113599.1		10/20/2000
UNIVERSAL WIRELESS INTERNET ADAPTER	US	60/161180		10/22/1999
AUTOMATIC NETWORK CONNECTION	US	08/712502	6795852	9/11/1996
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	AU	10885/01		10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	BE	972188.7	1234425	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	CA	2737890		10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	CH	972188.7	1234425	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	ES	972188.7	1234425	10/16/2000

Title	Office	Application No.	Patent No.	Filed
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	FI	972188.7	1234425	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	IE	972188.7	1234425	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	IL	149188	149188	10/16/2000
INFORMATION AND CONTROL CONSOLE FOR USE WITH A NETWORK GATEWAY INTERFACE	WO	PCT/US2000/028541		10/16/2000
SYSTEMS AND METHODS FOR INTEGRATING A NETWORK GATEWAY DEVICE WITH MANAGEMENT SYSTEMS	WO	PCT/US00/41350		10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	BE	972302.4	1226687	10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	CH	972302.4	1226687	10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	ES	972302.4	1226687	10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	FI	972302.4	1226687	10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	IE	972302.4	1226687	10/20/2000

Title	Office	Application No.	Patent No.	Filed
ESTABLISHING A DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	WO	PCT/US2000/029069		10/20/2000
ESTABLISHING DYNAMIC TUNNEL ACCESS SESSIONS IN A COMMUNICATION NETWORK	SE	972302.4	1226687	10/20/2000
SYSTEMS AND METHODS FOR DYNAMIC BANDWIDTH MANAGEMENT ON A PER SUBSCRIBER BASIS IN A COMPUTER NETWORK	WO	PCT/US2000/029172		10/20/2000
SYSTEMS AND METHODS OF COMMUNICATING USING XML	US	13/968824		8/16/2013
GATEWAY DEVICE HAVING AN XML INTERFACE AND ASSOCIATED METHOD	WO	PCT/US2000/029171		10/20/2000
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	BE	989664.8	1224788	10/20/2000
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	CH	989664.8	1224788	10/20/2000
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	ES	989664.8	1224788	10/20/2000
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	FI	989664.8	1224788	10/20/2000
LOCATION-BASED IDENTIFICATION FOR USE IN A COMMUNICATIONS NETWORK	WO	PCT/US2000/041349		10/20/2000
VIRTUAL CONTENT HOSTING METHOD AND APPARATUS	US	60/202285		5/5/2000

Title	Office	Application No.	Patent No.	Filed
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	US	09/849551	7020082	5/4/2001
GATEWAY DEVICE PROVIDING USAGE MONITORING AND ASSOCIATED METHOD	US	60/202326		5/5/2000
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	AU	2001257540		5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	BE	1931065.5	1282955	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	ES	1931065.5	1282955	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	FI	1931065.5	1282955	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	IL	152642	152642	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	KR	10-2002-7014831	10-0544217	5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	WO	PCT/US2001/014493		5/4/2001
NETWORK USAGE MONITORING DEVICE AND ASSOCIATED METHOD	SE	1931065.5	1282955	5/4/2001
METHODS AND SYSTEMS PROVIDING FAIR QUEUING AND PRIORITY SCHEDULING TO ENHANCE QUALITY OF SERVICE IN A NETWORK	US	60/265415		1/30/2001
METHODS AND SYSTEMS PROVIDING FAIR QUEUING AND PRIORITY SCHEDULING TO ENHANCE QUALITY OF SERVICE IN A NETWORK	WO	PCT/US2002/003031		1/30/2002

Title	Office	Application No.	Patent No.	Filed
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	12/690891		1/20/2010
INTELLIGENT NETWORK ADDRESS TRANSLATOR AND METHODS FOR NETWORK ADDRESS TRANSLATION	WO	PCT/US2003/004857		2/20/2003
SYSTEM AND METHOD FOR NETWORK ACCESS WITHOUT RECONFIGURATION	HK	12100803.3		10/20/2000
SYSTEM AND METHOD FOR NETWORK ACCESS WITHOUT RECONFIGURATION	US	60/161138		10/22/1999
SYSTEM AND METHOD FOR NETWORK ACCESS WITHOUT RECONFIGURATION	EP	10012286		10/20/2000
MOBILE WEB	US	08/839977	6194992	4/24/1997
MOBILE WEB	US	09/795069	7216152	2/26/2001
SYSTEM AND METHOD FOR NETWORK REDIRECTION	US	13/460997		5/1/2012
SYSTEM AND METHOD FOR NETWORK REDIRECTION	US	61/484155		5/9/2011
SYSTEM AND METHOD FOR NETWORK REDIRECTION	WO	PCT/US2012/036182		5/2/2012
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	US	61/433908		1/18/2011
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	WO	PCT/US2012/021596		1/17/2012

Title	Office	Application No.	Patent No.	Filed
SYSTEM FOR PROVIDING INTERNET ACCESS FROM LOCATIONS DIFFERENT FROM THOSE FOR WHICH THE USER'S SOFTWARE WAS CONFIGURED	US	09/097603	6377990	6/15/1998
SERIAL REDIRECTOR DEVICE AND ASSOCIATED METHODS	US	61/491022		5/27/2011
SERIAL REDIRECTOR DEVICE AND ASSOCIATED METHODS	WO	PCT/US2012/039712		5/25/2012
HIERARCHICAL RULE-BASED ROUTING SYSTEM	US	14/199944		3/6/2014
HIERARCHICAL RULE-BASED ROUTING SYSTEM	CN	201480024053.5		10/28/2015
HIERARCHICAL RULE-BASED ROUTING SYSTEM	US	61/781924		3/14/2013
HIERARCHICAL RULE-BASED ROUTING SYSTEM	WO	PCT/US2014/022041		3/7/2014
TRAVELER TRACKING SYSTEM	US	61/902744		11/11/2013
TRAVELER TRACKING SYSTEM	US	62/016327		6/24/2014
CLASS BASED QUEUEING	US	62/062765		10/10/2014
CLASS BASED QUEUEING	US	62/094894		12/19/2014
ZONE MIGRATION IN NETWORK ACCESS	US	16/401894		5/2/2019
SYSTEMS AND METHODS FOR NETWORK ADDRESS TRANSLATION	US	16/409584		5/10/2019
SYSTEMS AND METHODS FOR GROUP BANDWIDTH MANAGEMENT IN A COMMUNICATION SYSTEMS NETWORK	US	16/399855		4/30/2019
DISTRIBUTED MANAGEMENT OF SECURE WI-FI NETWORK	US	62/861943		6/14/2019
DISTRIBUTED MANAGEMENT OF SECURE WI-FI NETWORK	US	62/862619		6/17/2019