

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Agilent Technologies, Inc.	05/01/2010
RECEIVING PARTY DATA	
Name:	JDS Uniphase Corporation
Street Address:	430 N. McCarthy Blvd.
City:	Milpitas
State/Country:	CALIFORNIA
Postal Code:	95035
PROPERTY NUMBERS Total: 158	
Property Type	Number
Patent Number:	5490204
Patent Number:	5539659
Patent Number:	5579459
Patent Number:	5600470
Patent Number:	5612949
Patent Number:	5712981
Patent Number:	5793752
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Patent Number:	7610408
Patent Number:	7630318
Patent Number:	7633939

	7634611
Patent Number:	7640015
Patent Number:	7668534

CORRESPONDENCE DATA

Fax Number: 6135236799

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 613-523-3784 ext.102

Email: melanie@patents.org

Correspondent Name: Teitelbaum & MacLean

Address Line 1: 280 Sunnyside Avenue

Address Line 4: Ottawa, Ontario, CANADA K1S 0R8

ATTORNEY DOCKET NUMBER:	49-FILES
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NAME OF SUBMITTER:	Melanie Budarick
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Total Attachments: 39

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PATENT ASSIGNMENT

This Patent Assignment is effective as of the 1st day of May, 2010 ("Effective Date"), by and among Agilent Technologies, Inc., a Delaware corporation, and Agilent Technologies Singapore (Holdings) Pte. Ltd, a Singapore company (collectively, "Assignor"), and JDS Uniphase Corporation, a Delaware corporation ("Assignee").

WHEREAS, pursuant to the Intellectual Property Matters Agreement dated as of May 1, 2010 between Assignor and Assignee (the "IP Matters Agreement"), Assignor agreed to assign or cause to be assigned to Assignee all of Assignor's right, title and interest in and to certain patent rights.

NOW, THEREFORE, for good and valuable consideration (including that recited in the APA Agreement), it is hereby agreed by and between the parties as follows:

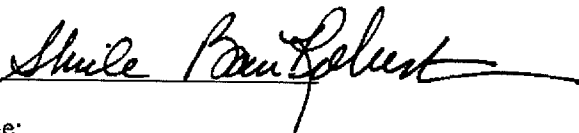
Capitalized terms used in this Assignment which are not otherwise defined herein shall have the meanings set forth in the IP Matters Agreement.

1. For purposes of this Patent Assignment, "Patent Rights" shall mean and include all of Assignor's right, title, and interest in and to the Transferred Patents as those terms are defined in the IP Matters Agreement.
2. Assignor hereby grants, conveys and assigns to Assignee, by execution hereof, the Patents listed on Schedule A hereto (herein "Assigned Patents").
3. Assignor further grants, conveys and assigns to Assignee all its right, title and interest in and to any and all proceeds, causes of action and rights of recovery for past and future infringement or misappropriation of any of the Assigned Patents.
4. Assignor further grants, conveys and assigns to Assignee all its right, title and interest in and to any and all rights of Assignor to obtain reissues, re-examinations, continuations, continuations-in-part, divisions, extensions or other legal protections arising solely from the Assigned Patents that are or may be secured in any relevant jurisdiction anywhere in the world, including (but not limited to) the United States, its territories and possessions, now or hereinafter in effect.
5. The Assigned Patents are conveyed subject to any and all licenses, permissions, consents or other rights that may have been granted by Assignor or its predecessors-in-interest with respect thereto prior to the Effective Date.
6. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be duly executed and delivered as of the Effective Date.

AGILENT TECHNOLOGIES, INC.

By: 

Name:

Sheila Barr Robertson
Vice President,
Corporate Development
and Strategy

Title:

4.30.10

AGILENT TECHNOLOGIES SINGAPORE
(HOLDINGS) Pte. Ltd

By: _____

Name:

Title:

JDS UNIPHASE CORPORATION

By: _____

Name: Matthew Fawcett

Title: General Counsel

[SIGNATURE PAGE TO THE PATENT ASSIGNMENT]

STATE OF CALIFORNIA

COUNTY OF Santa Clara)

The foregoing ASSIGNMENT OF PATENTS was acknowledged before me this 30th day of April, 2010, by Shiela Barr, the VP, Corp. Dev. of Agilent Technologies, Inc., a Delaware corporation, on behalf of the Assignor, who is personally known to me/has produced as identification and who did/did not take an oath.

(SEAL)



Susan M. Hemstreet
Printed/Typed Name: Susan M. Hemstreet
Notary Public-State of California
Commission Number: 1738976

COUNTRY OF SINGAPORE

CITY OF SINGAPORE

The foregoing ASSIGNMENT OF PATENTS was acknowledged before me this _____ day of _____, 2010, by _____, the _____ of Agilent Technologies Singapore (Holdings) Pte. Ltd., on behalf of the Assignor, who is personally known to me/has produced as identification and who did/did not take an oath.

(SEAL)

Printed/Typed Name: _____
Notary Public-Singapore _____
Commission/License Number: _____

STATE OF CALIFORNIA

COUNTY OF _____)

The foregoing ASSIGNMENT OF PATENTS was acknowledged before me this _____ day of _____, 2010, by _____, the _____ of JDS Uniphase Corporation, a Delaware corporation, on behalf of the Assignee, who is personally known to me/has produced _____ as identification and who did/did not take an oath.

(SEAL)

Printed/Typed Name: _____
Notary Public-State of _____
Commission Number: _____

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be duly executed and delivered as of the Effective Date.

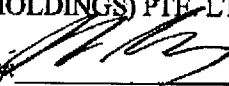
AGILENT TECHNOLOGIES, INC.

By: _____

Name:

Title:

AGILENT TECHNOLOGIES SINGAPORE
(HOLDINGS) PTE. LTD.

By:  _____

Name: Kevin John Theseira

Title: Authorized Signatory

JDS UNIPHASE CORPORATION

By: _____

Name: Matthew Fawcett

Title: General Counsel

[SIGNATURE PAGE TO THE PATENT ASSIGNMENT]

STATE OF CALIFORNIA

COUNTY OF _____)

The foregoing ASSIGNMENT OF PATENTS was acknowledged before me this _____ day of _____, 20____, by _____, the _____ of Agilent Technologies, Inc., a Delaware corporation, on behalf of the Assignor, who is personally known to me/has produced as identification and who did/did not take an oath.

(SEAL)

Printed/Typed Name: _____
Notary Public-State of _____
Commission Number: _____

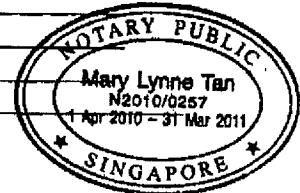
COUNTRY OF SINGAPORE

CITY OF SINGAPORE

The foregoing ASSIGNMENT OF PATENTS was acknowledged before me this 6th day of May 2010, 2010, by Kevin John Theseira, the authorized signatory of Agilent Technologies Singapore (Holdings) Pte. Ltd., on behalf of the Assignor, who is personally known to me/has produced as identification and who did/did not take an oath.

(SEAL)

Printed/Typed Name: _____
Notary Public-Singapore _____
Commission/License Number: _____



STATE OF CALIFORNIA

COUNTY OF _____)

The foregoing ASSIGNMENT OF PATENTS was acknowledged before me this _____ day of _____, 2010, by _____, the _____ of JDS Uniphase Corporation, a Delaware corporation, on behalf of the Assignee, who is personally known to me/has produced _____ as identification and who did/did not take an oath.

(SEAL)

Printed/Typed Name: _____
Notary Public-State of _____
Commission Number: _____

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be duly executed and delivered as of the Effective Date.

AGILENT TECHNOLOGIES, INC.

By: _____

Name:

Title:

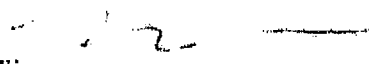
AGILENT TECHNOLOGIES SINGAPORE
(HOLDINGS) Pte. Ltd

By: _____

Name:

Title:

JDS UNIPHASE CORPORATION

By:  _____

Name: Matthew Fawcett

Title: General Counsel

[SIGNATURE PAGE TO THE PATENT ASSIGNMENT]

ACKNOWLEDGMENT

State of California

County of SANTA CLARA

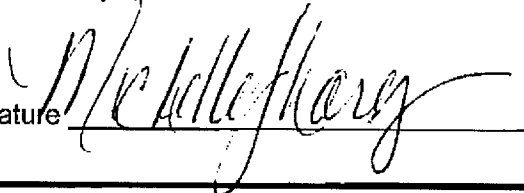
On April 30, 2010 before me, Michelle Shores, Notary Public
(insert name and title of the officer)

personally appeared Matthew Fawcett
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



PATENT

REEL: 030088 FRAME: 0481

IPMA Exhibit C
Turquoise Patent Portfolio

FILE NUMBER	COUNTRY NAME	TITLE	STATUS	FILING DATE	ISSUE DATE	APPLICATION NUMBER	PATENT NUMBER	PUBLICATION NUMBER
10001113-01-US	United States of America	Synchronization Method For Multi-Probe Communications Network Monitoring	Issued	1-Nov-00	18-May-04	9704002	6738355	
10001183-01-US	United States of America	Monitoring System And Method Implementing A Channel Plan And Test Plan	Issued	30-Nov-99	8-Feb-05	9451153	6853932	
10001186-01-US	United States of America	Monitoring System And Method Implementing Test Result Display Logic	Issued	30-Nov-99	23-May-06	9449660	7050401	
10001187-01-US	United States of America	Monitoring System And Method Implementing Warning Interface Logic	Issued	30-Nov-99	18-Jul-06	9451286	7080398	
10001188-01-US	United States of America	Monitoring System And Method Implementing Test Configuration Logic	Issued	30-Nov-99	31-Aug-04	9451152	6785540	
10001190-01-US	United States of America	Monitoring System And Method Implementing A Percent Availability Test	Issued	30-Nov-99	18-Feb-03	9452068	6522987	
10001192-01-US	United States of America	Monitoring System And Method Implementing Failure Time Spectrum Scan	Issued	30-Nov-99	21-Feb-06	9449643	7003414	
10001796-02-US	United States of America	Customizable Nest That Requires No Machining Or Tools	Issued	23-Feb-00	21-Jan-03	9511148	6509753	2002-0036510
10001798-01-US	United States of America	Customizable Nest Providing For Adjustable Audio Isolation For Testing Wireless Devices	Issued	23-Feb-00	10-Dec-02	9511369	6492823	
10001799-01-US	United States of America	Customizable Nest With The Option Of Conversion To A Permanent Nest	Issued	23-Feb-00	22-Jun-04	9511149	6752391	
10001800-01-US	United States of America	RF Isolation Test Device Having Ease Of Accessibility	Issued	23-Feb-00	13-May-03	9511732	6563297	
10001801-01-US	United States of America	RF Isolation Test Device Having A Box Within A Box Configuration For RF Shielding Reference To Related Applications	Issued	23-Feb-00	23-Apr-02	9511374	6377038	
10001802-01-US	United States of America	RF Isolation Test Device Accommodating Multiple Nest Plates For Testing Different Devices And Providing Variable Testing Options	Issued	23-Feb-00	22-Oct-02	9511370	6469495	

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FILE NUMBER	COUNTRY NAME	TITLE	STATUS	FILING DATE	ISSUE DATE	APPLICATION NUMBER	PATENT NUMBER	PUBLICATION NUMBER
10001802-02-US	United States of America	RF Isolation Test Device Accommodating Multiple Nest Plates For Testing Different Devices And Providing Variable Testing Options	Issued	15-Oct-01	8-Apr-03	9976433	6545459	2002-0074993
10001984-01-US	United States of America	Synchronization Of An Instrument's Time-base Clock And Notable Events Utilizing Unused Signal Pairs On A Daisy-chained Ethernet Communication Link	Issued	21-May-02	15-Aug-06	10152456	7092407	2004-0225739
10001985-01-US	United States of America	Method And System For Synchronizing A Time Of Day Clock Based On A Satellite Signal	Issued	16-Oct-00	26-Nov-02	9690027	6487512	
10001986-01-US	United States of America	Method And System For Synchronizing A Time Of Day Clock Based On A Satellite Signal And A Communication Signal	Issued	17-Oct-00	23-Apr-02	9690532	6377517	
10001987-01-US	United States of America	Address Routing In A Protocol Analyzer	Issued	12-Jun-00	30-Dec-03	9592219	6671828	
10002058-02-IL	Israel	Echo Plug For A Wireless Telephone	Issued	27-Oct-00	25-Apr-05	139324	139324	
10002246-01-US	United States of America	Wireless Telephone Testing Using An Echo Plug	Issued	17-Apr-00	13-Apr-04	9550973	6721541	
10002246-02-IL	Israel	Wireless Telephone Testing Using An Echo Plug	Issued	31-Oct-00	26-Dec-05	139379	139379	
10003017-01-US	United States of America	Billing Systems And Methods For Communication Networks Providing Differentiated Services	Issued	29-Sep-00	25-May-04	9672598	6741685	
10003320-01-US	United States of America	System For Recording, Editing And Playing Back Web-Based Transactions Using A Web Browser And HTML	Issued	30-Mar-01	9-May-06	9821917	7043546	2002-0143931
10003323-01-US	United States of America	Constrained Web Browser Navigation System Providing A Simple Transaction Configuration Tool	Issued	30-Mar-01	10-Oct-06	9822124	7120676	2002-0046363
10003324-01-US	United States of America	Filtering Web Proxy For Recording Web-Based Transactions That Supports Secure HTTP Steps	Issued	30-Mar-01	4-Jul-06	9822397	7072935	2002-0035498
10003634-01-US	United States of America	Clock Switching For A Synchronous Memory In Network Probe Circuitry	Issued	24-Oct-00	12-Oct-04	9696384	6804197	

IPMA Exhibit C
Turquoise Patent Portfolio

FILE NUMBER	COUNTRY NAME	TITLE	STATUS	FILING DATE	ISSUE DATE	APPLICATION NUMBER	PATENT NUMBER	PUBLICATION NUMBER
10003755-01-US	United States of America	Detection Of Carrier Mis-Routing In Telephone Systems	Issued	7-Nov-00	17-Feb-04	9707360	6694001	
10003755-02-US	United States of America	Detection Of Carrier Mis-Routing In Telephone Systems	Issued	13-Feb-04	12-Jun-07	10777155	7231026	2004-0161084
10003850-01-US	United States of America	Displaying Network Segment Decode Information In Diagrammatic Form	Issued	4-Apr-03	20-Oct-09	10407341	7607093	2004-0196308
10003850-02-JP	Japan	Displaying Network Segment Decode Information In Diagrammatic Form	Published	31-Mar-04		P2004105519		2004312736
10004018-01-US	United States of America	Cellular System Access Monitor	Issued	24-Aug-90	22-Feb-94	7572666	5289526	
10004020-01-US	United States of America	Automated Quality Assessment System For Cellular Networks	Issued	1-Mar-94	6-Feb-96	8204619	5490204	
10004054-01-US	United States of America	Time Synchronization Of Human Speech Samples In Quality Assessment System For Communications System	Issued	22-Feb-99	20-Aug-02	9253660	6438373	
10010022-01-US	United States of America	Correlation And Enrichment Of Telephone System Call Data Records	Issued	7-Nov-00	10-May-05	9707539	6891938	
10010418-01-US	United States of America	Measurement Synchronization Method For Voice Over Packet Communication Systems	Issued	15-Feb-01	21-Dec-04	9784428	6834040	2002-0110153
10010423-01-US	United States of America	Method And Apparatus For Protocol Pattern Identification In Protocol Data Units	Issued	31-Jul-01	17-May-05	9919297	6895020	2003-0026251
10010423-02-JP	Japan	Method And Apparatus For Protocol Pattern Identification In Protocol Data Unit	Issued	30-Jul-02	28-Dec-07	2002221254	4059388	2003060727
10010446-01-US	United States of America	Systems And Methods For Comparing Data Quality For Multiple Wireless Communication Networks	Issued	27-Feb-01	21-Feb-06	9794606	7003264	2002-0155831
10011054-01-US	United States of America	A Wireless Communication System Including A Universal C-Ship And Method Thereof	Issued	21-Jun-02	24-Apr-07	10175814	7209766	2004-0198333
10011081-01-US	United States of America	Disablement Of A Write Filter Stored On A Write-Protected Partition	Issued	17-Jul-01	18-Feb-03	9908148	6523103	2003-0018865

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Turquoise Patent Portfolio

FILE NUMBER	COUNTRY NAME	TITLE	STATUS	FILING DATE	ISSUE DATE	APPLICATION NUMBER	PATENT NUMBER	PUBLICATION NUMBER
10011081-03-SG	Singapore	Disablement Of A Write Filter Stored On A Write-Protected Partition	Issued	17-Jul-01	30-Jun-05	2002032712	103867	
10011139-01-US	United States of America	Method And System For Improved Monitoring, Measurement And Analysis Of Communication Networks Utilizing Dynamically And Remotely Configurable Probes.	Issued	14-Jan-02	9-May-06	10047240	7043237	2003-0134631
10011139-02-DE	Germany	Method And System For Improved Monitoring, Measurement And Analysis Of Communication Networks Utilizing Dynamically And Remotely Configurable Probes.	Issued	13-Jan-03	20-Nov-08	103009078	10300907	10300907
10011139-03-US	United States of America	Method And System For Improved Monitoring, Measurement And Analysis Of Communication Networks Utilizing Dynamically And Remotely Configurable Probes.	Issued	9-Mar-06	15-May-07	11371399	7218929	2006-0160535
10011139-04-US	United States of America	Method And System For Improved Monitoring, Measurement And Analysis Of Communication Networks Utilizing Dynamically And Remotely Configurable Probes	Issued	5-May-06	24-Jul-07	11429182	7248868	2006-0211416
10011270-01-US	United States of America	System And Method For Mapping A PSTN Trunk To A Packet Network EndPoint	Issued	20-May-02	29-Jan-08	10151374	7324502	2003-0214971
10020490-01-US	United States of America	Measurement Of Round Time Delay, For Real Time Protocol (RTP) IP Packet Streams, From Locations Inside A Network.	Issued	4-Oct-02	14-Aug-07	10263783	7257087	2004-0066775
10020490-02-JP	Japan	Measurement Of Round Time Delay, For Real Time Protocol (RTP) IP Packet Streams, From Locations Inside A Network.	Published	11-Sep-03		P2003319721		2004129250
10020504-01-US	United States of America	System And Method To Monitor RTP Streams Using RTP SR/RR Packet Information	Published	4-Oct-02		10263903		2004-0066753
10020505-01-US	United States of America	Monitoring An RTP Data Stream Based On A Phone Call.	Published	22-Aug-02		10225179		2004-0037267

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FILE NUMBER	COUNTRY NAME	TITLE	STATUS	FILING DATE	ISSUE DATE	APPLICATION NUMBER	PATENT NUMBER	PUBLICATION NUMBER
10020636-01-US	United States of America	Methods And Devices For Correlating Audio Sample Comparisons And Network Performance Statistics	Issued	26-Mar-03	5-Aug-08	10401010	7408884	2005-0261895
10020638-01-US	United States of America	Method Of Switching Between Multiple Call Signaling Protocol Stacks In A Voice Quality Tester And Apparatus Using Same	Issued	22-Aug-02	14-Apr-09	10225145	7519002	2004-0037228
10020650-01-US	United States of America	Method And Apparatus For Displaying Measurement Data From Heterogeneous Measurement Sources	Issued	22-Aug-02	13-May-08	10225191	7373403	2004-0037230
10020651-01-US	United States of America	Method And Apparatus For Drilling To Measurement Data From Commonly Displayed Heterogeneous Measurement Sources	Issued	22-Aug-02	30-Nov-04	10225181	6826507	
10020652-01-US	United States of America	Method, Apparatus, And Machine-Readable Medium For Configuring Thresholds On Heterogeneous Network Elements	Issued	19-Aug-02	13-May-08	10222796	7373402	2004-0034704
10020653-02-JP	Japan	Method Of Collecting Data From Heterogeneous Test And Measurement Device And Apparatus Using Same	Published	8-Aug-03		P2003289808		2004086900
10020654-01-US	United States of America	Method And Apparatus To Coordinate Groups Of Heterogeneous Measurements	Issued	22-Aug-02	12-Jun-07	10225126	7231555	2004-0039970
10020654-02-JP	Japan	Method And Apparatus To Coordinate Groups Of Heterogeneous Measurements	Allowed	8-Aug-03		P2003289478		2004088779
10020655-01-US	United States of America	Method And Apparatus For Responding To Threshold Events From Heterogeneous Measurement Sources	Issued	8-Aug-02	26-Oct-04	10214309	6810367	2004-0030537
10020656-01-US	United States of America	System Controlling Test/Measurement Devices On A Network Using Markup Language Documents And Methods Thereof	Published	21-Aug-02		10224556		2004-0216139
10020656-02-JP	Japan	System Controlling Test/Measurement Devices On A Network Using Markup Language Documents And Methods Thereof	Published	21-Aug-03		P2003297333		2004086904
10020784-01-US	United States of America	System And Methods For Determining Delay Offsets Of Communication Systems	Issued	16-May-03	6-Feb-07	10439607	7174133	2004-0228368
10020932-01-US	United States of America	Dynamically Controlled Packet Filtering With Correlation To Signaling Protocols	Issued	11-Oct-02	13-May-08	10268985	7372848	2004-0071130

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FILE NUMBER	COUNTRY NAME	TITLE	STATUS	FILING DATE	ISSUE DATE	APPLICATION NUMBER	PATENT NUMBER	PUBLICATION NUMBER
10020943-01-US	United States of America	Real-time Protocol (RTP) Flow Analysis Using Network Processor	Issued	11-Oct-02	3-Jun-08	10268904	7382768	2004-0071129
10021006-01-US	United States of America	Real-Time Reassembly Of ATM Data	Issued	29-Oct-02	17-Feb-09	10282838	7492790	2004-0081204
10021064-01-US	United States of America	Combined Voice And Instrument Data System	Published	24-Sep-03		10671924		2005-0063362
10021102-01-US	United States of America	Intelligent Power Cycling Of A Wireless Modem	Issued	11-Oct-02	11-Dec-07	10268674	7308611	2004-0073847
10021102-02-DE	Germany	Intelligent Power Cycling Of A Wireless Modem	Issued	25-Sep-03	3-Apr-08	103446273	10344627	10344627
10021131-01-US	United States of America	Systems And Methods For Characterizing Packet-Switching Networks	Published	5-Jan-04		10751723		2005-0147047
10030471-01-US	United States of America	Record Storage And Retrieval Solution	Issued	17-Jun-03	29-Aug-06	10462602	7100005	2004-0260893
10030474-01-US	United States of America	Assisted Port Monitoring With Distributed Filtering	Published	4-Apr-03		10407719		2004-0196841
10030474-05-DE	Germany	Assisted Port Monitoring With Distributed Filtering	Issued	27-Feb-04	13-Dec-06	42511410	602004003611	1465368
10030627-01-US	United States of America	Apparatus And Method To Identify Potential Work-At-Home Callers	Issued	25-Jul-03	28-Nov-06	10627292	7142652	2005-0018825
10030629-01-US	United States of America	Displaying Hierarchical Service Health Of A Network Over Time	Published	8-May-03		10431433		2004-0225530
10030629-03-DE	Germany	Record And Display Of Service Health History Of Network Service Health Hierarchy Over Time	Published	7-May-04		1020040226571		102004022657
10030630-01-US	United States of America	Troubleshooting A Specific Voice Over Internet Protocol (VoIP) Telephone Call Transmitted Over A Communications Network	Published	28-Jul-03		10627619		2005-0025063

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10030630-02-JP	Japan	Troubleshooting A Specific Voice Over Internet Protocol (VOIP) Telephone Call Transmitted Over A Communications Network	Pending	22-Jul-04		P2004213718		
10030631-01-US	United States of America	Apparatus And Method For Intra-Cell Delay Time Analysis	Published	31-Jul-03		10631426		2005-0025062
10030631-03-JP	Japan	Apparatus And Method For Intra-Cell Delay Time Analysis	Published	20-Jul-04		P2004211709		2005057747
10030670-02-JP	Japan	Traffic Contract Parameter Estimation In An ATM Network	Published	2-Dec-04		2004349587		2005176354
10030673-01-US	United States of America	Apparatus And Method For Control Of Write Filter	Issued	30-Jul-03	11-Dec-07	10630031	7308547	2005-0027957
10030674-01-US	United States of America	Autonomous Voice Responder Unit	Issued	20-Aug-03	20-Mar-07	10643897	7194068	2005-0043950
10030707-01-US	United States of America	Graphical User Interface For Adding Measurements To Existing Distributed Network Troubleshooting System	Published	24-Nov-03		10718546		2005-0114500
10030728-01-US	United States of America	Measurement Deferral And Aggregation For Extensible Test Configuration	Issued	11-Dec-03	13-May-08	10732250	7372946	2005-0129183
10030750-01-US	United States of America	Sequential Coordination Of Test Execution And Dynamic Data	Issued	17-Dec-03	10-Jul-07	10736835	7243268	2005-0137842
10030761-02-EP	European Patent Office	Method And System For Using Multiple Data Type Representations To Deliver Data Objects To Components In A Distributed System	Published	12-Aug-04		42548552		1528467
10030761-04-KR	Republic of Korea	Method And System For Using Multiple Data Type Representations To Deliver Data Objects To Components In A Distributed System	Pending	24-Sep-04		20040076974		
10030793-01-US	United States of America	Routing Monitoring	Published	29-Aug-03		10652286		2005-0047413
10030793-05	Germany	Routing Monitoring	Issued	23-Jul-04	1-Oct-08		1511219	1511219

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10030922-02-JP	Japan	Two Input Differential Cyclic Accumulator	Published	19-Nov-04		P2004336257		2005160074
10030922-03-DE	Germany	Two Input Differential Cyclic Accumulator	Issued	24-Sep-04	5-Apr-07	1020040463972	102004046397	102004046397
10030922-04-IT	Italy	Two Input Differential Cyclic Accumulator	Issued	24-Nov-04	9-Jan-09	RM2004A000576	RM2004A000576	
10030925-01-US	United States of America	Apparatus And Method To Identify Inter-MTA Calls	Issued	13-Jun-03	8-Aug-06	10460956	7088806	2004-0252818
10030966-01-US	United States of America	An Extensible Network Agent Architecture	Published	31-Oct-03		10697270		2005-0097193
10030967-01-US	United States of America	Dial-Up Resource Simulator	Published	18-Dec-03		10737838		2005-0137838
10031069-01-US	United States of America	Non-Intrusive Method For Routing Policy Discovery	Issued	29-Aug-03	20-May-08	10652678	7376154	2005-0050176
10031069-02-JP	Japan	Non-Intrusive Method For Routing Policy Discovery	Published	25-Aug-04		P2004245048		2005080297
10031069-03-EP	European Patent Office	Non-Intrusive Method For Routing Policy Discovery	Published	23-Jul-04		42544064		1511220
10031168-01-US	United States of America	Creating A Low Bandwidth Channel Within A High Bandwidth Packet Stream	Issued	17-Oct-03	26-Feb-08	10688340	7336673	2005-0083957
10031168-02-JP	Japan	Creating A Low Bandwidth Channel Within A High Bandwidth Packet Stream	Published	15-Oct-04		2004301119		2005124210
10031168-04-DE	Germany	Creating A Low Bandwidth Channel Within A High Bandwidth Packet Stream	Issued	23-Sep-04	23-May-07	42558155	602004006573	1524807
10031168-06-GB	United Kingdom	Creating A Low Bandwidth Channel Within A High Bandwidth Packet Stream	Issued	23-Sep-04	23-May-07	42558155	1524807	1524807
10031168-07	United States of America	Creating A Low Bandwidth Channel Within A High Bandwidth Packet Stream	Published	20-Dec-07		11962030		2008-0247410
10031285-01-US	United States of America	Apparatus And Method For Voice Over IP Traffic Separation And Factor Determination	Issued	31-Oct-03	17-Jul-07	10698251	7245609	2005-0094623
10031345-02-US	United States of America	Packet Tracing Using Dynamic Packet Filters	Published	28-Apr-04		10834607		2005-0232239

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10031345-03-JP	Japan	Packet Tracing Using Dynamic Packet Filters	Published	12-Apr-05		P2005114536		2005312033
10031345-05	Germany	Packet Tracing Using Dynamic Packet Filters	Issued	18-Mar-05	1-Oct-08	52516895	1589692	1589692
10031345-06	France	Packet Tracing Using Dynamic Packet Filters	Issued	18-Mar-05	1-Oct-08	52516895	1589692	1589692
10031365-01-US	United States of America	Real Time Segmentation And Reassembly Of Asynchronous Transfer Mode (ATM) Adaptation Layer Two (AAL2) And AAL5 Data	Published	2-Mar-04		10791117		2005-0195829
10031365-02-JP	Japan	Real Time Segmentation And Reassembly Of Asynchronous Transfer Mode (ATM) Adaptation Layer Two (AAL2) And AAL5 Data	Published	1-Mar-05		2005055530		2005253077
10031368-01-US	United States of America	System And Method For Correlation Of Dissimilar Telecommunication Signaling Protocols	Issued	3-Mar-04	27-Oct-09	10792099	7609706	2005-0195745
10031368-02-JP	Japan	System And Method For Correlation Of Dissimilar Telecommunication Signaling Protocols	Published	2-Mar-05		2005057612		2005253082
10040161-01-US	United States of America	Wireless Module Simulator	Issued	7-Jul-04	31-Jul-07	10885312	7251456	
10040436-01-US	United States of America	Proactive Systemic Scheduler For Resource Limited Test Systems	Issued	7-Jul-04	10-Jun-08	10885308	7386763	2006-0010448
10040530-01-US	United States of America	Channelization Apparatus And Method Of Analyzing Mobile Telephony Data	Published	29-Apr-04		10834167		2005-0243854
10040530-02-JP	Japan	Channelization Apparatus And Method Of Analyzing Mobile Telephony Data	Published	25-Apr-05		P2005126350		2005318594
10040596-01-US	United States of America	Method Of Selecting Portion Of A Graph, And Network Analyzing Apparatus Using Same	Issued	5-Aug-04	3-Apr-07	10911617	7199796	2006-0028470
10040596-03-CN	China	Method Of Selecting Portion Of A Graph, And Network Analyzing Apparatus Using Same	Published	5-Aug-05		2005100891967		CN 1766820A
10040596-04-GB	United Kingdom	Method Of Selecting Portion Of A Graph, And Network Analyzing Apparatus Using Same	Published	26-May-05		5108097		2416972

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10040598-01-US	United States of America	Methods And Systems For Coordinated Monitoring Of Network Transmission Events	Allowed	25-Aug-04		10926191		2006-0056389
10040598-03-CN	China	Methods And Systems For Coordinated Monitoring Of Network Transmission Events	Issued	1-Aug-05	25-Mar-09	2005100886899	200510088690	CN 1741483A
10040599-01-US	United States of America	Systems And Methods For Collecting And Disbursing Participant Identifying Data	Published	25-Aug-04		10926318		2006-0077954
10040599-02-JP	Japan	Systems And Methods For Collecting And Disbursing Participant Identifying Data	Published	17-Aug-05		2005236901		2006-067579
10040599-05-DE	Germany	Systems And Methods For Collecting And Disbursing Participant Identifying Data	Published	29-Apr-05		1020050200982		102005020098
10040661-01-US	United States of America	A Method And Apparatus To Monitor And Analyze Network Information Of An Inverse Multiplexed Asynchronous Transfer Mode Network	Issued	24-Sep-04	2-Dec-08	10948681	7460541	2006-0072579
10040754-02-JP	Japan	Network Analysis Software Real-Time	Published	23-May-05		P2005149385		2005341576
10040778-01-US	United States of America	A Method And Apparatus To Display Network Information Of An Inverse Multiplexed Asynchronous Transfer Mode Network	Published	29-Jun-04		10878234		2005-0286568
10040806-01-US	United States of America	Methods And Systems For Analyzing Network Transmission Events	Published	25-Aug-04		10925603		2006-0045121
10040806-03-DE	Germany	Methods And Systems For Analyzing Network Transmission Events	Published	7-Apr-05		1020050160336		2005016033
10040815-01-US	United States of America	A Method And Apparatus To Distribute Signaling Data For Parallel Analysis	Published	9-Aug-04		10913438		2006-0028992
10040815-02-JP	Japan	A Method And Apparatus To Distribute Signaling Data For Parallel Analysis	Published	9-Aug-05		2005230508		2006-054881
10040860-02-JP	Japan	Method Of Remotely Monitoring And Troubleshooting Multiple Radio Network Controllers	Published	31-Aug-05		P2005250429		2006-094481
10040860-03-CN	China	Method Of Remotely Monitoring And Troubleshooting Multiple Radio Network Controllers	Published	12-Sep-05		200510102576X		CN 1753540A

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10040860-04-DE	Germany	Method Of Remotely Monitoring And Troubleshooting Multiple Radio Network Controllers	Pending	1-Jun-05		1020050251455		
10040881-01-US	United States of America	A Wireless "hopper" System For Consolidating Wireless Communication Access Points And Client Stations And Providing Differentiated Wireless Services	Published	26-May-05		11137412		2006-0268793
10040931-02-JP	Japan	System And Method For High Capacity Fault Correlation	Published	7-Jul-05		P2005198761		2006-025434
10040960-01-US	United States of America	Error Tolerant Modular Testing Of Services	Issued	4-Oct-04	17-Jul-07	10958049	7246276	
10040960-02-DE	Germany	Error Tolerant Modular Testing Of Services	Published	22-Jun-05		1020050289266		102005028926
10040961-01-US	United States of America	System And Method For Controlling Data Processing In A Computer Transaction	Issued	2-Sep-04	22-Apr-08	10932797	7363321	2006-0047702
10040961-03-DE	Germany	System And Method For Controlling Data Processing In A Computer Transaction	Published	3-May-05		1020050206166		102005020616
10040962-01-US	United States of America	System And Method For Constructing Transactions From Electronic Content	Published	2-Sep-04		10932782		2006-0053082
10040962-02-DE	Germany	System And Method For Constructing Transactions From Electronic Content	Published	3-May-05		1020050206557		102005020655
10040963-01-US	United States of America	System And Method For Enabling Balanced Resource Utilization	Issued	1-Nov-04	17-Mar-09	10978957	7505419	2006-0092852
10040964-01-US	United States of America	System And Method For Testing Of Electronic Circuits	Issued	29-Jul-04	12-May-09	10902237	7533312	2006-0025953
10040965-01-US	United States of America	System And Method For Test Simulation	Published	1-Oct-04		10956696		2006-0071772
10040966-01-US	United States of America	Method And Apparatus For Depicting Throughput On TCP And RLC Layer Of UMTS System	Published	28-Apr-05		11116859		2006-0245353
10040966-02-JP	Japan	Method And Apparatus For Depicting Throughput On TCP And RLC Layer Of UMTS System	Published	25-Apr-06		P2006120627		P2006-311550

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10040967-02-GB	United Kingdom	Method And System For Monitoring Operation Of A Mobile Telecommunications Network	Published	3-Aug-06		6154686		2429881
10040969-02-GB	United Kingdom	System And Method For Tracking UMTS Cell Traffic	Published	20-Oct-06		6209589		GB2432080
10040969-03-JP	Japan	System And Method For Tracking UMTS Cell Traffic	Published	26-Oct-06		P2006291351		2007-129706
10040970-01-US	United States of America	Method For Testing Performance Of A Mobile Telecommunications Network	Published	1-Sep-05		11218187		20070049266
10040970-02-GB	United Kingdom	Method For Testing Performance Of A Mobile Telecommunications Network	Published	3-Aug-06		6154660		2429880
10040971-01-US	United States of America	Apparatus And Method For Low Cost, Multi-Port Protocol Analysis And Monitoring	Issued	2-Feb-05	19-May-09	11047629	7535923	2006-0171217
10040971-02-JP	Japan	Apparatus And Method For Low Cost, Multi-Port Protocol Analysis And Monitoring	Published	25-Jan-06		P2006015739		2006-229946
10040971-04-GB	United Kingdom	Apparatus And Method For Low Cost, Multi-Port Protocol Analysis And Monitoring	Issued	26-Jan-06	18-Mar-09	6016059	GB2422982	2422982
10041001-01-US	United States of America	Apparatus For Monitoring A Network	Issued	24-Mar-05	16-Jun-09	11088986	7548515	2006-0215566
10041001-02-JP	Japan	Apparatus For Monitoring A Network	Published	24-Mar-06		P2006082552		2006-270971
10041002-01-US	United States of America	Automatically Configuring A Distributed Network Analyzer To Monitor Identified Inverse Multiplex Groups Of An Asynchronous Transfer Mode Network	Published	28-Feb-05		11066530		2006-0193349
10041002-02-JP	Japan	Automatically Configuring A Distributed Network Analyzer To Monitor Identified Inverse Multiplex Groups Of An Asynchronous Transfer Mode Network	Published	28-Feb-06		P2006051831		2006-246472
10041003-02-JP	Japan	An Algorithm To Automatically Configure A SONET/SDH Demultiplexer By Pushing A Button, And Displaying A Result And Status Thereof	Published	24-Feb-06		P2006048687		2006-254433
10041003-04-GB	United Kingdom	An Algorithm To Automatically Configure A SONET/SDH Demultiplexer By Pushing A Button, And Displaying A Result And Status Thereof	Issued	13-Feb-06	12-Aug-09	6028674	2424808	2424808

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10041054-01-US	United States of America	Apparatus And Method For Low Cost, Multi-Port Protocol Analysis And Monitoring	Published	14-Dec-04		11010259		2006-0126526
10041054-02-JP	Japan	Apparatus And Method For Low Cost, Multi-Port Protocol Analysis And Monitoring	Published	6-Dec-05		P2005351570		2006-174445
10041054-04-GB	United Kingdom	Apparatus And Method For Low Cost, Multi-Port Protocol Analysis And Monitoring	Issued	15-Nov-05	18-Mar-09	5232632	2421397	2421397
10041141-01-US	United States of America	A Method Of Telecommunications Call Record Correlation Providing A Basis For Quantitative Analysis Of Telecommunications Call Traffic Routing	Issued	25-Aug-04	9-Sep-08	10924886	7424103	2006-0045248
10041141-02-JP	Japan	A Method Of Telecommunications Call Record Correlation Providing A Basis For Quantitative Analysis Of Telecommunications Call Traffic Routing	Published	23-Aug-05		2005240599		2006-067584
10041234-03-CN	China	Intercepting Mobile Telephone Communications	Published	9-Mar-06		2006100568532		CN1838814A
10041235-01-US	United States of America	Filtering Wireless Network Packets	Issued	15-Dec-04	8-Dec-09	11011067	7630318	2006-012515
10041235-02-JP	Japan	Filtering Wireless Network Packets	Published	8-Dec-05		P2005354441		2006-174450
10041235-03-CN	China	Filtering Wireless Network Packets	Published	30-Aug-05		2005100934695		CN 1791059A
10041235-04-GB	United Kingdom	Filtering Wireless Network Packets	Published	15-Nov-05		5232624		2421404
10041323-02-JP	Japan	Method And System For Discovering And Providing Near Real-Time Updates Of VPN Topologies	Published	19-Oct-06		P2006284920		2007-129702
10041323-04-GB	United Kingdom	Method And System For Discovering And Providing Near Real-Time Updates Of VPN Topologies	Published	31-Aug-06		6172282		2431816
10041324-01-US	United States of America	Method Of Collecting BGP Routing Protocol Messages	Published	26-Oct-04		10973203		2006-0087977
10041324-02-JP	Japan	Method Of Collecting BGP Routing Protocol Messages	Published	18-Oct-05		P2005302646		2006-129478
10041324-03-CN	China	Method Of Collecting BGP Routing Protocol Messages	Published	7-Jul-05		200510082759X		CN 1767533A

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10041324-04-DE	Germany	Method Of Collecting BGP Routing Protocol Messages	Published	24-Jun-05		1020050294294		102005029429
10041383-01-US	United States of America	Apparatus And Method For Correlation And Display Of Signaling And Network Events	Published	28-Apr-05		11116649		2006-0245365
10041383-02-JP	Japan	Apparatus And Method For Correlation And Display Of Signaling And Network Events	Published	26-Apr-06		P2006121958		P2006-311555
10041425-01-US	United States of America	Method For Implementing Topn Measurements In Operations Support Systems	Published	28-Jan-05		11045819		2006-0190578
10041425-04-GB	United Kingdom	Method For Implementing Topn Measurements In Operations Support Systems	Published	26-Jan-06		6016075		2422694
10041426-01-US	United States of America	Method For Presentation Of Multiple Graphical Displays In Operations Support Systems	Published	28-Jan-05		11045820		2006-0189330
10041426-02-AU	Australia	Method For Presentation Of Multiple Graphical Displays In Operations Support Systems	Pending	3-Aug-05		2005203447		
10041426-03-DE	Germany	Method For Presentation Of Multiple Graphical Displays In Operations Support Systems	Published	20-Oct-05		1020050503497		102005050349
10041455-01-US	United States of America	High Speed Acquisition System That Allows Capture From A Packet Network And Streams The Data To A Storage Medium	Issued	14-Dec-04	16-Jun-09	11010263	7548562	2006-0126665
10041455-02-JP	Japan	High Speed Acquisition System That Allows Capture From A Packet Network And Streams The Data To A Storage Medium	Published	6-Dec-05		P2005351669		2006-174446
10041455-03-CN	China	High Speed Acquisition System That Allows Capture From A Packet Network And Streams The Data To A Storage Medium	Published	19-Aug-05		200510093156X		CN 1791058A
10041505-01-US	United States of America	System For And Method Of Multi-Location Test Execution	Issued	1-Nov-05	14-Oct-08	11264896	7437275	2007-0033441
10041505-02-DE	Germany	Framework For Concurrent, Remote And Synchronized Test Execution For Multi-Location Tests	Published	11-Jul-06		1020060321081		102006032108

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10041658-01-US	United States of America	Method And Systems For Monitoring A Network	Published	8-Jun-06		11449492		2007-0287446
10041659-01-US	United States of America	Methods And Systems For Optimization Analysis In Networks	Published	23-Nov-05		11286447		2007-0116009
10041659-03-DE	Germany	Methods And Systems For Optimization Analysis In Networks	Published	1-Sep-06		1020060410351		102006041035
10041659-04-GB	United Kingdom	Methods And Systems For Optimization Analysis In Networks	Published	18-Oct-06		6207310		2432749
10041660-01-US	United States of America	Methods And Systems For Interactive Signal Analysis	Published	26-Apr-06		11412477		2007-0252835
10041661-02-CN	China	A Method And Apparatus For Grouping Messages Across A Point To Multipoint Network	Published	2-Jun-06		2006100836983		CN 1897572A
10041661-03-DE	Germany	A Method And Apparatus For Grouping Messages Across A Point To Multipoint Network	Published	15-May-06		1020060226046		102006022604
10041661-04-GB	United Kingdom	A Method And Apparatus For Grouping Messages Across A Point To Multipoint Network	Published	22-Jun-06		6124143		2428354
10041662-01-US	United States of America	Methods And Systems For Signal Analysis	Published	24-Mar-06		11389129		2007-0226627
10041663-03-DE	Germany	Grouping Messages Into A Single Call Trace	Published	5-Jan-06		1020060009126		102006000912
10041664-03-DE	Germany	An Apparatus And Method For Correlating Quality Information On Different Layers Of A Network And A Medium Thereof	Published	19-Jun-06		1020060280792		102006028079
10041664-04-GB	United Kingdom	An Apparatus And Method For Correlating Quality Information On Different Layers Of A Network And A Medium Thereof	Published	11-Aug-06		6160402		2430833
10050072-01-US	United States of America	System For And Method Of Multi-Dimensional Resource Management	Published	31-Oct-05		11263667		2007-0101339
10050072-02-DE	Germany	Efficient Multi-Dimensional Resource Management	Published	20-Jun-06		1020060283104		102006028310
10050072-03-GB	United Kingdom	Efficient Multi-Dimensional Resource Management	Published	31-Oct-06		6216782		GB2433617

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10050084-03-DE	Germany	Method And Systems For Optimization Analysis In Networks	Published	31-May-06		1020060254406		102006025440 A1
10050084-04-GB	United Kingdom	Method And Systems For Optimization Analysis In Networks	Published	7-Jul-06		6135891		2429369
10050186-01-US	United States of America	Tools, Methods And Systems Of Storing Remotely And Retrieving Detail Records Given A Specific Call Or Data Session	Issued	12-May-05	29-Dec-09	11127260	7640015	2006-0258339
10050186-03-DE	Germany	Tools, Methods And Systems Of Storing Remotely And Retrieving Detail Records Given A Specific Call Or Data Session	Published	16-Jan-06		1020060019989		102006001998
10050187-01-US	United States of America	System And Method For Partitioning Network Analysis	Published	31-May-05		11139563		2006-0271670
10050187-03-DE	Germany	System And Method For Partitioning Network Analysis	Published	3-Jan-06		1020060007174		102006000717
10050187-04-GB	United Kingdom	System And Method For Partitioning Network Analysis	Published	7-Apr-06		6070742		2426888
10050188-01-US	United States of America	Method And System Of Correlating Dissimilar Call Records To A High Level Aggregated View	Issued	29-Jun-05	8-Jul-08	11168378	7398084	2007-0004396
10050188-03-DE	Germany	Method And System Of Correlating Dissimilar Call Records To A High Level Aggregated View	Published	6-May-06		1020060211049		102006021104
10050188-04-GB	United Kingdom	Method And System Of Correlating Dissimilar Call Records To A High Level Aggregated View	Published	11-May-06		6093884		2427795
10050189-01-US	United States of America	Method And System For Transportation Of Derived Call Records To A Central Repository	Issued	5-Jul-05	23-Feb-10	11172933	7668534	2007-0010239
10050189-02-CN	China	Method And System For Transportation Of Derived Call Records To A Central Repository	Published	5-Jul-06		2006100902010		CN 1901543A
10050189-03-DE	Germany	Method And System For Transportation Of Derived Call Records To A Central Repository	Published	15-May-06		1020060225899		102006022589
10050190-04-GB	United Kingdom	Methods And Systems For Providing Data To A Database	Published	17-Oct-06		6206429		2432439

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FILE NUMBER	COUNTRY NAME	TITLE	STATUS	FILING DATE	ISSUE DATE	APPLICATION NUMBER	PATENT NUMBER	PUBLICATION NUMBER
10050191-03-DE	Germany	Method And Apparatus Of Filtering And Viewing Real-Time Detail Records Based Upon User Specific Criteria	Published	5-May-06		1020060211065		102006021106
10050192-01-US	United States of America	System And Method For Tagging And Filtering Electronic Data	Published	18-Mar-05		11084519		2006-0224822
10050192-03-DE	Germany	System And Method For Tagging And Filtering Electronic Data	Published	17-Nov-05		1020050549152		102005054915
10050205-01-US	United States of America	System And Method For Test Probe Management	Published	20-Sep-05		11230774		2007-0063871
10050205-03-DE	Germany	System And Method For Test Probe Management	Published	2-May-06		1020060201507		102006020150
10050206-01-US	United States of America	System And Method For Selective Distribution Of Measurement Device Configuration In A Loosely Coupled Autonomous System	Published	20-Sep-05		11230895		2007-0067113
10050206-03-DE	Germany	System And Method For Selective Distribution Of Measurement Device Configuration In A Loosely Coupled Autonomous System	Pending	2-May-06		1020060201388		
10050207-01-US	United States of America	System And Method For Visualization Of Connectivity Relationships In A Wireless System	Issued	9-Sep-05	21-Apr-09	11223608	7522917	NONE
10050207-03-DE	Germany	System And Method For Visualization Of Connectivity Relationships In A Wireless System	Published	2-May-06		1020060201396		102006020139
10050226-01-US	United States of America	Wireless Interface Encapsulator / Decapsulator For Emulating IEEE-488 Interface Bus With Wireless Protection And Quality Of Service	Published	26-May-05		11137413		2006-0268926
10050271-02-CN	China	SYSTEM AND METHOD FOR ANALYSIS OF MEASUREMENT DATA	Published	9-Feb-06		2006100073436		1874369
10050271-03-DE	Germany	System And Method For Analysis Of Measurement Data	Published	4-Apr-06		1020060157648		102006015764
10050297-01-GB	United Kingdom	Method of categorising speed of a terminal system and apparatus therefor	Published	1-Sep-07		7170376		2452481

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10050297-02	United States of America	Method of categorising speed of a terminal system and apparatus therefor	Published	2-Sep-08		12202621		2009-0061848
10050298-02-DE	Germany	Connector Having Light Pipe Formed Therein	Published	26-Jun-06		1020060292693		102006029269
10050358-01-US	United States of America	System And Method For Preparing Telecommunications Call Record Data For Quantitative Analysis	Issued	21-Jul-05	27-Oct-09	11186513	7609826	2006-0045251
10050640-01-US	United States of America	System And Method For Opportunistic Transmission Of Test Probe Metadata	Published	20-Sep-05		11230878		2007-0067360
10050640-03-DE	Germany	System And Method For Opportunistic Transmission Of Test Probe Metadata	Published	2-May-06		1020060201523		102006020152
10050711-01-US	United States of America	In-Line Network Simulator	Issued	12-May-05	15-Dec-09	11127350	7633939	2006-0256720
10050711-02-JP	Japan	In-Line Network Simulator	Published	8-May-06		P2006129380		P2006-319978
10050711-03-DE	Germany	In-Line Network Simulator	Published	17-Mar-06		1020060124278		102006012427
10050712-01-US	United States of America	Protocol-Generic Eavesdropping Network Device	Published	12-May-05		11127486		2006-0259966
10050712-02-JP	Japan	Protocol-Generic Eavesdropping Network Device	Published	1-May-06		P2006127579		P2006-319973
10050712-03-DE	Germany	Protocol-Generic Eavesdropping Network Device	Published	13-Mar-06		1020060114493		102006011449
10050712-04-GB	United Kingdom	Protocol-Generic Eavesdropping Network Device	Issued	12-Apr-06	27-May-09	6073860	2426145	2426145
10050740-01-US	United States of America	System And Method For Rapid Testing Of Intermittently Operated Devices	Issued	30-Mar-05	10-Feb-09	11093443	7490022	2006-0241884
10050749-02-JP	Japan	Using USB Memory Device To Recover Operating System	Published	3-Apr-06		P2006101493		2006-286001
10050757-04-DE	Germany	Wireless Interface For Test And Measurement Device	Published	3-Apr-06		1020060154215		102006015421
10050782-01-US	United States of America	Systems And Methods For Synchronizing Time Across Networks	Issued	12-May-05	11-Aug-09	11127354	7573914	2006-0256820

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10050782-02-JP	Japan	Systems And Methods For Synchronizing Time Across Networks	Published	1-May-06		P2006127556		P2006-319972
10050782-03-DE	Germany	Systems And Methods For Synchronizing Time Across Networks	Published	17-Mar-06		1020060124669		102006012466
10050782-04-GB	United Kingdom	Systems And Methods For Synchronizing Time Across Networks	Published	12-Apr-06		6073878		2426164
10050783-01-US	United States of America	Systems And Methods For Producing Random Number Distributions In Devices Having Limited Processing And Storage Capabilities	Published	12-May-05		11127487		2006-0256962
10050783-03-DE	Germany	Systems And Methods For Producing Random Number Distributions In Devices Having Limited Processing And Storage Capabilities	Published	14-Mar-06		1020060116992		102006011699
10050783-04-GB	United Kingdom	Systems And Methods For Producing Random Number Distributions In Devices Having Limited Processing And Storage Capabilities	Published	26-Apr-06		6082929		2426086
10050926-01-US	United States of America	Caller Identification Billing	Published	28-Feb-06		11364697		2007-0201648
10051090-01-US	United States of America	Multisided Synchronization Of Execution In A Wireless Test Environment	Issued	3-Aug-05	19-May-09	11195978	7536280	2007-0032253
10051090-02-DE	Germany	Multisided Synchronization Of Execution In A Wireless Test Environment (sync Servlet)	Published	20-Jun-06		1020060283112		102006028311
10051090-03-GB	United Kingdom	Multisided Synchronization Of Execution In A Wireless Test Environment (sync Servlet)	Published	7-Jul-06		6135917		2428838
10051091-01-US	United States of America	Multisided Sharing Of Dynamic Data In A Wireless Test Environment	Issued	3-Aug-05	10-Apr-07	11195979	7203625	2007-0032991
10051091-02-DE	Germany	Multisided Sharing Of Dynamic Data In A Wireless Test Environment (dynamic Content Servlet)	Published	20-Jun-06		1020060283090		102006028309 A1
10051112-01-US	United States of America	Methods, Apparatus And Systems For Analyzing Data Carried By A Plurality Of Data Tributaries, Wherein The Analysis Is Based On A Mapping Of The Data Tributaries To One Or More Tributary Sets	Published	1-Jun-07		11809701		2008-0301285

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10051209-01-US	United States of America	Multi-Master, Chained Two-Wire Serial Bus	Issued	17-Mar-06	15-Dec-09	11378884	7634611	2007-0220190
10051209-02-JP	Japan	Multi-Master, Chained Two-Wire Serial Bus	Published	13-Mar-07		P2007064090		2007-251947
10051209-03-DE	Germany	Multi-Master, Chained Two-Wire Serial Bus	Published	13-Mar-07		1020070120542		102007012054
10051210-01-US	United States of America	Inspection Of Data	Published	8-Jun-06		11450805		2007-0286195
10051210-02-DE	Germany	Inspection Of Data	Published	8-Jun-07		1020070265966		102007026596
10051217-01-US	United States of America	Time Synchronization For Network Aware Devices	Published	7-Aug-06		11499993		2008-0031283
10051217-02	Germany	Time Synchronization For Network Aware Devices	Published	7-Aug-07		1020070370921		102007037092
10051230-01-US	United States of America	Automatic Link Commissioning	Issued	29-Jun-06	27-Oct-09	11479196	7610408	2008-0005618
10060046-01-US	United States of America	Method And Apparatus For Performing Call Trace Filtering In A Signal Analyzer System	Published	27-Apr-06		11412304		2007-0294389
10060164-01-US	United States of America	Framing Mobile Communication Signals For Analysis	Published	22-Feb-06		11359727		2007-0195708
10060348-01-US	United States of America	Optical Transceiver Module	Issued	1-Dec-06	10-Feb-09	11565713	7488121	2008-0131135
10060348-02	Germany	Optical Transceiver Module	Published	6-Nov-07		1020070528428		102007052842
10060355-01-US	United States of America	Test Probe Having Modular Components	Issued	28-Apr-06	22-Apr-08	11413836	7362091	2007-0252582
10060357-01-US	United States of America	Interface For Detection And Control Of Multiple Test Probes	Issued	28-Apr-06	4-Mar-08	11413990	7339367	2007-0252605

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10060531-01-US	United States of America	Customer Experience Tracking From Remote Mobile Communication Network Equipment	Published	30-Jun-06		11479851		2008-0004015
10060709-01-US	United States of America	Method And Apparatus For Establishing IEEE 1588 Clock Synchronization Across A Network Element Comprising First and Second Cooperating Smart Interface Converters	Allowed	22-Sep-06		11534262		2008-0075217
10060756-02-US	United States of America	Method And Apparatus For Graphically Indicating The Progress Of Multiple Parts Of A Task	Published	23-Jul-07		11880826		2008-0195948
10060756-03	Germany	Method And Apparatus For An Improved Progress Monitor And Feedback During A Computer Process	Published	17-Jan-08		1020080048151		102008004815
10060842-01-US	United States of America	Programmable Passive Probe	Published	26-Oct-07		11925082		US-2009-0109973-A1
10060842-02	Germany	Programmable Passive Probe	Published	25-Sep-08		1020080423440		102008042344
10070017-01	United States of America	System and Method for Remotely Displaying Data	Pending	3-Nov-08		12263544		
10070023-01-US	United States of America	Method and System for Acquiring Features of Measurement Systems	Published	30-Oct-07		11978771		US-2009-0109055-A1
10070028-01-US	United States of America	Method And System For Providing Test And Measurement Guidance	Published	25-Oct-07		11977664		US-2009-0112505-A1
10070191-02	United States of America	Data Collection System And Method For IP Networks	Published	21-Mar-08		12053021		2008-0232269
10070191-03	Germany	Data Collection System And Method For IP Networks	Published	25-Mar-08		1020080155764		
1092019-01-US	United States of America	Network Commentator	Issued	26-Mar-92	17-Jan-95	7857894	5383178	
1093225-01-US	United States of America	Mixed Fiber Adapter Cable	Issued	21-Jun-93	4-Feb-97	8080378	5600470	

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1093225-04-US	United States of America	Mixed Fiber Adapter Cable	Issued	27-Sep-96	9-May-00	8721745	6061159	
1094348-01-US	United States of America	Method For Clipping A Line Segment Against An Arbitrary Polygon In The Floating-Point Domain	Issued	9-Mar-95	26-Nov-96	8401590	5579459	
10950544-03-US	United States of America	Sizeable Window For Tabular And Graphical Representation Of Data	Issued	30-Nov-95	8-Dec-98	8564849	5847706	
10950896-01-US	United States of America	Scanning For Active ATM Virtual Channel/Virtual Path Identifiers	Issued	22-Mar-96	13-Oct-98	8620774	5822304	
10960261-01-US	United States of America	Method And Apparatus For Automatically Determining The Starting Location And Starting Protocol Of LAN Data In A WAN-Link Frame	Issued	2-Apr-96	20-Oct-98	8626446	5826018	
10960791-01-US	United States of America	System For Determining Data Transfer Rates In Accordance With Log Information Relates To History Of Data Transfer Activities That Independently Stored In Content Servers	Issued	9-Dec-96	15-Jun-99	8762355	5913041	
10960888-01-US	United States of America	Optical Power Meter For Detecting Loss Factors In Fiber Optic Communications	Issued	25-Jul-96	20-Oct-98	8686289	5825516	
10960888-02-JP	Japan	Optical Power Meter For Detecting Loss Factors In Fiber Optic Communications	Issued	17-Jul-97	29-Jun-07	PH09191701	3975412	
10960899-01-US	United States of America	Multicasting Employing Publication Title To Create Numeric Destination Address For Computer Network System Frame	Issued	13-Dec-96	11-May-99	8766845	5903562	
10960899-02-JP	Japan	Software Program For Computer Network Systems	Issued	9-Dec-97	8-Sep-06	PH09338471	3851431	
10960946-01-US	United States of America	Backing Plate For Gate Arrays Or The Like Carries Auxiliary Components And Provides Probe Access To Electrical Test Points	Issued	30-Apr-97	17-Aug-99	8846358	5940278	
10961261-01-US	United States of America	Testing Architecture For Digital Video Transmission System	Issued	29-Oct-96	2-May-00	8738620	6057882	
10961353-04-US	United States of America	User-Interactive System And Method For Integrating Applications	Issued	29-Nov-96	25-Dec-01	8758404	6334158	

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10970003-01-US	United States of America	Test Fixture Clamping System	Issued	22-May-97	3-Nov-98	8862091	5831160	
10970554-07-GB	United Kingdom	Method And Apparatus For Collecting Information On Use Of A Packet Network	Issued	26-Mar-98	15-Mar-06	981055502	895376	895376
10970578-01-US	United States of America	Method And System For Managing Data Service System	Issued	15-Apr-97	21-Mar-00	8838117	6041041	
10970984-01-US	United States of America	Method And Apparatus For Detecting A Data Service Provider In A Public Switched Telephone Network	Issued	21-Nov-97	20-Jun-00	8976409	6078647	
10970984-03-GB	United Kingdom	Method And Apparatus For Detecting A Data Service Provider In A Public Switched Telephone Network	Issued	17-Nov-98	15-Jan-03	98251960	2333008	2333008
10971639-02-US	United States of America	Generation Of Informative MAC Headers For Analysis Of ATM Routing LAN Frames	Issued	1-Jul-98	6-May-03	9108524	6560228	2002-0057690
10971926-01-US	United States of America	Monitoring ATM Traffic Load By Quality Of Service Type	Issued	7-Dec-98	13-Jul-04	9206672	6763000	
10971977-01-US	United States of America	Method For Quick Identification Of Special Data Packets	Issued	26-May-99	20-Feb-07	9320200	7180851	
10971977-03-JP	Japan	Method For Quick Identification Of Special Data Packets	Issued	26-May-00	13-Jun-03	P2000156300	3439722	2001-00786
10980063-01-US	United States of America	Quickly Removable RF Sealed Cover For Test Fixture	Issued	19-Feb-98	1-Aug-00	9026065	6097334	
10980064-01-US	United States of America	Three Axis Camera Mount	Issued	19-Feb-98	27-Nov-01	9026300	6323903	
10980375-01-US	United States of America	Modeling Of Internet Services	Issued	2-Mar-98	24-Oct-00	9033040	6138122	
10981284-01-US	United States of America	Automated Service Discovery Using A Discovery Template	Issued	8-Sep-98	30-Jan-01	9149752	6182136	

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10981285-01-US	United States of America	A Method And System For Automatic Discovery Of Network Services	Issued	10-Sep-98	4-Sep-01	9151134	6286047	
10981389-01-US	United States of America	A Management System For Selective Data Exchanges Across Federated Environments	Issued	2-Nov-98	16-Oct-01	9184425	6304892	
10981670-01-US	United States of America	Adaptive Progress Indicator	Issued	12-Jan-99	9-Oct-01	9228670	6301580	
10981670-02-US	United States of America	Adaptive Progress Indicator	Issued	20-Jun-01	9-Sep-03	9885602	6618731	2001-0044799
10990502-01-US	United States of America	System And Method For Remote Analysis And Control Of Test And Measurement Devices	Issued	11-Aug-99	22-Nov-05	9372667	6968302	
10990503-01-US	United States of America	System And Method For Remote Demonstration And Control Of Test And Measurement Devices	Issued	15-Sep-99	6-May-03	9396638	6560557	
10990560-02-US	United States of America	Method And Apparatus For Processing Quality Of Service Measurement Data To Assess A Degree Of Compliance Of Internet Services With Serve Level Agreements	Issued	20-Jan-00	2-Mar-04	9488476	6701342	
10991500-01-US	United States of America	Customizable Nest For Positioning A Device Under Test	Issued	18-Jan-00	8-Jan-02	9483769	6336276	
10991500-02-US	United States of America	Customizable Nest For Positioning A Device Under Test	Issued	21-Dec-01	4-Feb-03	10029254	6513260	2002-0053145
10991505-02-US	United States of America	Signal Transfer Device For Probe Test Fixture	Issued	17-Nov-99	7-May-02	9441473	6384617	
10991751-01-US	United States of America	Apparatus And Method For Enabling Automatic Measurement Of Performance In A Telephony Communication System	Issued	26-Apr-00	10-Jan-06	9558185	6985560	
10991753-01-US	United States of America	Universal Apparatus And Method For Interfacing Signals With Telephony Networks	Issued	26-Apr-00	28-Mar-06	9559165	7020274	

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10991754-01-US	United States of America	Apparatus And Method For Automated Testing Of The Quality Of Voice Communications Over Data Networks	Issued	24-Apr-00	27-Jun-06	9556503	7068757	
10992103-01-US	United States of America	System And Method For Rendering Data Indicative Of The Performance Of A Voice Activity Detector	Issued	29-Mar-00	22-Jun-04	9538622	6754620	
10992519-01-US	United States of America	System And Method For Generating A Family Of ICONS	Issued	27-Oct-99	31-Dec-02	9428166	6501490	
189191-04-US	United States of America	Method And Apparatus For Monitoring A Network	Issued	28-Feb-92	30-Mar-93	7844964	5198805	
190050-04-US	United States of America	Method And Apparatus For Analyzing Nodes On A Computer Netwo	Issued	18-Nov-92	15-Nov-94	7978052	5365509	
190559-01-US	United States of America	Lan Noise Monitor	Issued	10-Jul-91	9-Feb-93	7727693	5185735	
191102-04-US	United States of America	Hypothesis And Conclusion Method To Diagnose Data Communicat Networks	Issued	30-Dec-93	27-Dec-94	8176499	5377196	
191173-01-US	United States of America	Protocol Analyzer Pad For The ISDN "U" Interface	Issued	27-Jun-91	9-Nov-93	7722071	5260970	
191208-02-JP	Japan	Dynamic User Panels	Issued	10-Apr-92	16-Jun-06	PH04118115	3816540	
30002440-01-US	United States of America	Measuring Network Performance Parameters In Data Communication Networks (timestamp Correlation)	Issued	31-Oct-00	14-Dec-04	9704051	6831890	
30003254-01-US	United States of America	Traceability Between Layers In The Monitored Communications Stack	Issued	14-Apr-00	20-Dec-05	9549336	6977936	
30003818-03-JP	Japan	Generating Call Detail Records (MGCP)	Issued	1-Apr-02	22-Dec-05	P2002099024	3753316	2003-01829
30003818-05-FR	France	Generating Call Detail Records	Issued	15-Mar-02	15-Feb-06	22518807	1249986	1249986
30010306-02-US	United States of America	Monitoring Communications Network	Issued	10-Jul-02	28-Nov-06	10192421	7142518	2003-0043755

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30010887-02-US	United States of America	Monitoring Usage Of Telecommunications Services	Issued	4-Sep-02	10-Apr-07	10234670	7203290	2003-0072425
30011271-01-US	United States of America	An Apparatus And Method For Processing Information From A Telephone Network	Issued	1-Nov-01	17-Apr-07	10002554	7206393	2003-0081755
30011273-02-US	United States of America	Call Monitoring Apparatus And Method Therefor (customer Care)	Issued	25-Sep-02	2-Oct-07	10254137	7277532	2003-0076936
30011274-05-GB	United Kingdom	Data Record Dissemination System Apparatus And Method Therefor	Issued	16-Oct-01	14-Sep-05	13087804	1303149	1303149
30011336-02-US	United States of America	Determining The Magnitude Of Pulses	Issued	13-Nov-02	14-Dec-04	10293806	6831453	2003-0094935
30011469-02-US	United States of America	Determining Cable Attenuation And Loss Of Signal Threshold	Issued	9-Jan-03	8-Mar-05	10339156	6864689	2003-0137311
30020233-04-DE	Germany	An Apparatus And Method For Processing Information From A Telecommunications Network	Issued	15-Apr-02	10-Aug-05	22526586	60205452	
30020233-06-GB	United Kingdom	An Apparatus And Method For Processing Information From A Telecommunications Network	Issued	15-Apr-02	10-Aug-05	22526586	1355479	
30020233-09-GB	United Kingdom	An Apparatus And Method For Processing Information From A Telecommunications Network	Issued	15-Apr-02	22-Nov-06	51045623	1580972	1580972
30020595-01-US	United States of America	Control Loop Apparatus And Method Therefor	Issued	27-Feb-03	2-May-06	10375229	7039145	
30020603-03-JP	Japan	Measuring Network Operational Parameters As Experienced By Network Operational Traffic	Published	10-Sep-03		P2003317713		2004112791
30020603-06-DE	Germany	Measuring Network Operational Parameters As Experienced By Network Operational Traffic	Issued	16-Sep-02	28-Nov-07	22564033	60223806.4-08	1401147
30020603-07-GB	United Kingdom	Measuring Network Operational Parameters As Experienced By Network Operational Traffic	Issued	16-Sep-02	28-Nov-07	22564033	1401147	1401147

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30020892-03-GB	United Kingdom	Managing Variable Length Packet Traffic Profiles By Using Inter-packet Gaps	Issued	31-Jan-03	22-Nov-06	32506131	1443703	1443703
30021066-01-DE	Germany	SIM Multiplexing For Testing Mobile Phone Networks	Issued	8-May-96	3-Jul-97	196201640	19620164	19620164
30021066-08-DE	Germany	SIM Multiplexing For Testing Mobile Phone Networks	Issued	30-Apr-97	9-Mar-05	972501480	806879	806879
30021066-18-DE	Germany	SIM Multiplexing For Testing Mobile Phone Networks	Issued	30-Apr-96	21-Jun-06	40220907	59712684	1487226
30021230-02-US	United States of America	Generation Of Data Session Records For Mobile Data Communications Networks	Published	15-Dec-04		11012514		20060092904
30030383-02-US	United States of America	Service Usage Records For Mobile Data Communications	Issued	10-Jun-04	25-Dec-07	10865573	7313108	2004-0264405
30030383-03-EP	European Patent Office	Service Usage Records For Mobile Data Communications	Published	10-Jun-04		41026493		1487160
30030383-04-JP	Japan	Service Usage Records For Mobile Data Communications	Published	8-Jun-04		P2004170273		2005006312
30030637-01-GB	United Kingdom	Method Of Generating A Monitoring Datagram	Issued	19-Jun-04	29-Nov-06	4137519	2415319	2415319
30030637-03-CN	China	Method Of Generating A Monitoring Datagram	Published	20-Jun-05		2005100773072		1710888A
30031499-01-US	United States of America	Telecommunications Apparatus	Issued	10-Sep-04	20-Nov-07	10939088	7299312	2006-0059290
30031529-01-GB	United Kingdom	Identifying Services Provided Via IP And Similar Packet Networks, And Service Usage Records For Such Services	Issued	16-Dec-03	22-Mar-06	3290707	2409368	2409368
30040172-02-US	United States of America	Interface Apparatus And Method Of Interfacing A Monitoring System	Published	7-Apr-05		11100843		20050243972
30040186-01-GB	United Kingdom	Real Time Monitoring Of TCP Flows	Published	23-Sep-05		5193933		2430577
30040186-02-US	United States of America	Real Time Monitoring Of TCP Flows	Published	12-Sep-06		11519483		2007-0070916

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30040211-01-US	United States of America	An Apparatus And Method For Generating Call Information Data For Calls Of Long Duration	Issued	1-Jun-04	10-Apr-07	10858460	7203291	
30040343-01-US	United States of America	An Apparatus And Method For Improving Electromagnetic Compatibility	Issued	18-Jun-04	26-Dec-06	10871131	7154254	2005-0280405
30040406-02-US	United States of America	Apparatus And Method For Routing Packets In A Network	Allowed	27-Oct-05		11260846		2006-0104217
30040406-03-JP	Japan	Apparatus And Method For Routing Packets In A Network	Published	11-Nov-05		P2005326881		2006-148898
30040406-05	United Kingdom	Apparatus And Method For Routing Packets In A Network	Issued	11-Nov-05	29-Apr-09	51106441	1657851	1657851
30040454-02-JP	Japan	Method Of Sharing Measurement Data, System Therefor And Network Node Apparatus	Published	30-Mar-06		P2006094816		P2006-304288
30040454-03-US	United States of America	Method Of Sharing Measurement Data, System Therefor And Network Node Apparatus	Published	20-Mar-06		11384938		2006-0221837
30040575-02-US	United States of America	System, Apparatus And Method For Detecting Malicious Traffic In A Communications Network	Published	14-Oct-05		11251169		2006-0128406
30040760-02-US	United States of America	System, Apparatus And Method Of Determining Associated Data	Allowed	26-Oct-06		11586821		2007-0097997
30041496-01-US	United States of America	System And Method For Measuring Network Performance Using Real Network Traffic	Published	23-Dec-05		11316779		2007-0147258
30041496-02-JP	Japan	System And Method For Measuring Network Performance Using Real Network Traffic	Published	20-Dec-06		P2006343471		2007-174668
30041496-03-EP	European Patent Office	System And Method For Measuring Network Performance Using Real Network Traffic	Published	15-Nov-06		62558424		1802037
30041526-01-US	United States of America	Historical Data Management	Published	28-Feb-07		11712065		2008-0208888
30050122-02-US	United States of America	An Apparatus And Method For Processing Information From A Telephone Network	Published	27-Mar-06		11390504		2006-0229057

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30050172-02-US	United States of America	Apparatus And Method For Monitoring A Telecommunications Network	Published	7-Feb-06		11349018		2006-0224732
30050571-01-GB	United Kingdom	Measurement System And Method Of Measuring A Transit Metric	Published	20-Jul-05		5148192		2428534
30050571-02-US	United States of America	Measurement System And Method Of Measuring A Transit Metric	Published	18-Jul-06		11488711		2007-0058562
30050571-03-CN	China	Measurement System And Method Of Measuring A Transit Metric	Published	19-Jul-06		2006100988859		1901484A
30050575-01-GB	United Kingdom	Data Packet Decoding	Published	18-Jul-05		5146469		2428497
30050575-02-US	United States of America	Data Packet Decoding	Issued	14-Jul-06	4-Sep-07	11486915	7266131	2007-0013563
30050725-01-GB	United Kingdom	An Apparatus And Method For Enriching Data Records In A Telecommunications Network	Published	25-Jul-05		5151063		2428933
30050725-02-US	United States of America	An Apparatus And Method For Enriching Data Records In A Telecommunications Network	Published	20-Jul-06		11490447		20070171856
30050751-02-US	United States of America	Method Of Detecting An Unsatisfactory Quality Of Service And Apparatus Therefor	Published	26-Oct-06		11586908		2008-0101375
30050777-01-GB	United Kingdom	Method And Apparatus For Testing A Telecommunications Network	Published	11-Oct-05		5206339		2431315
30050777-02-US	United States of America	Method And Apparatus For Testing A Telecommunications Network	Published	10-Oct-06		11545243		2007-0081467
30050788-03-DE	Germany	Method Of Measuring A Delay Time Metric And Measurement System	Published	29-May-06		1020060249658		102006024965.8-31
30050846-01-GB	United Kingdom	Allocation Of A Performance Indicator Among Cells In A Cellular Communication System	Published	19-Sep-05		5190046		2430330
30051222-01-US	United States of America	Communications System, Apparatus For Creating A Sub-Channel And Method Therefor	Published	27-Apr-06		11412642		2007-0253441

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30051222-02-DE	Germany	Communications System, Apparatus For Creating A Sub-Channel And Method Therefor	Published	25-Apr-07		1020070195496		102007019549
30051229-02-DE	Germany	Communications System, Apparatus And Method Of Communicating Sub-Channel Data	Published	25-Apr-07		1020070195461		102007019546
30051289-01-US	United States of America	Communications Apparatus, System And Method Of Creating A Sub-Channel	Published	31-Mar-06		11394750		2007-0230550
30051289-02-GB	United Kingdom	Communications Apparatus, System And Method Of Creating A Sub-Channel	Published	30-Mar-07		7062607		2436738
30051385-01-GB	United Kingdom	Method Of Building A Database, System For Populating A Database, And Method Of Delivering Location-Relevant Information	Published	5-Oct-05		5201835		2431088
30051385-05-JP	Japan	Method Of Building A Database, System For Populating A Database, And Method Of Delivering Location-Relevant Information	Published	26-Sep-06		P2006260484		2007-104663
30051386-02-US	United States of America	Method Of Monitoring Performance, Performance Monitoring Apparatus	Published	22-Nov-06		11603501		2007-0123250
30051405-01-US	United States of America	Method Of Forming Protocol Data Units, Protocol Data Units And Protocol Data Unit Generation Apparatus	Published	16-Sep-05		11228124		2007-0064618
30060551-02-DE	Germany	IEEE-1588 Monitoring On 1000 Base-T Ethernet Technology	Published	26-Sep-07		1020070460459		102007046045
30060574-01-GB	United Kingdom	Method Of Decoding A Bit Sequence, Network Element Apparatus And PDU Specification Toolkit	Published	14-Apr-07		7072150		2448370
30060574-02	United States of America	Method Of Decoding A Bit Sequence, Network Element Apparatus And PDU Specification Toolkit	Published	14-Apr-08		12102058		2008-0256337
30070240-02	United States of America	Monitoring Apparatus And Method Therefor	Published	3-Jun-08		12132438		2008-0301810

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3092044-04-US	United States of America	Network Analysis Method For Identifying Global And Local Node Servers And For Determining A Reconfigured Network To Provide Improved Traffic Patterns (Amended)	Issued	20-Jun-96	27-Jan-98	8667340	5712981	
3092045-03-US	United States of America	Network Analysis Method	Issued	18-Feb-94	23-Jul-96	8198705	5539659	
3094002-02-US	United States of America	Method And Apparatus For Determining Network Delays	Issued	5-May-95	18-Mar-97	8435551	5612949	
3094051-02-US	United States of America	Discovery Method For Determining Information About A Signalling Network	Issued	20-Feb-96	11-Aug-98	8604066	5793752	
30950034-03-US	United States of America	Method And Apparatus For Making Quality Of Service Measurements On A Connection Across A Network	Issued	21-Nov-96	29-Aug-00	8754668	6112236	
30960015-02-US	United States of America	Report Stream Data Rate Regulation	Issued	9-Jan-98	11-Jul-00	9005525	6088622	
30960057-02-US	United States of America	Mobile Radio Systems (Timing Advance Location)	Issued	28-Mar-97	9-May-00	8826054	6061565	
30960089-02-US	United States of America	Determining Control Channel Configuration	Issued	18-Nov-98	22-May-01	9195264	6236856	
30970143-02-US	United States of America	Method Of And Display System For Monitoring A Signalling Network (sequence Diagram)	Issued	9-Sep-99	10-Dec-02	9392569	6492996	
30980040-02-US	United States of America	Methods Of Monitoring Multiple Transactions	Issued	11-Feb-99	5-Feb-02	9247821	6345087	
30980053-02-US	United States of America	Assessing Path Imbalance In Mobile Communications Networks	Issued	9-Feb-00	25-Jun-02	9501475	6411818	
30980057-04-US	United States of America	Generating Service Detail Records (voip Cdrs)	Issued	1-Apr-99	13-Apr-04	9283541	6721284	

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30980128-02-US	United States of America	Extraction Of Primary And Co-Channel Signals	Issued	6-Oct-99	27-Nov-01	9413607	6324382	
30990063-02-US	United States of America	Multi-Channel Network Monitoring Apparatus, Signal Replicating Device, And Systems Including Such Apparatus And Devices	Issued	28-Sep-00	2-Aug-05	9672593	6925052	
30990122-03-US	United States of America	Correlation Of Signalling Messages (bearer ID)	Issued	5-Oct-00	30-May-06	9679078	7054325	
30990139-02-US	United States of America	Measuring Efficiency Of Data Transmission	Issued	14-Dec-00	11-Jul-06	9735607	7075887	2001-0050901
389022-04-US	United States of America	Method And Apparatus For Testing A Packet-Based Network	Issued	28-May-92	19-Dec-95	8162114	5477531	
390052-03-US	United States of America	Lan Monitoring Method And Apparatus	Issued	1-Jun-93	12-Jul-94	8066141	5329519	
50060338-01-US	United States of America	System For Acquiring Signals And For Displaying And Comparing Data From The Signals	Published	7-Sep-06		11470628		2008-0062175
50060694-01-US	United States of America	Method For Generating Graphs For The Comparison Of Data	Published	7-Sep-06		11470632		2008-0062176
70041102-02-GB	United Kingdom	Automatic Measurement And Announcement Voice Quality Testing System	Issued	30-Sep-05	14-May-08	5199807	2419492	2419492
70051072-01-US	United States of America	System, Method And Computer Program For Evaluating The Audio Quality Of A Received Audio Record	Published	11-May-06		11432747		2007-0263668