PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	01/25/2007

CONVEYING PARTY DATA

Name	Execution Date
REDBACK NETWORKS INC.	12/29/2009

RECEIVING PARTY DATA

Name:	ERICSSON AB
Street Address:	S-164 83
City:	STOCKHOLM
State/Country:	SWEDEN

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	09999585
Application Number:	09835704

CH $80.00 09999585

CORRESPONDENCE DATA

Fax Number: (408)720-8383
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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Email: julie_arango@bstz.com
Correspondent Name: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Address Line 1: 1279 OAKMEAD PARKWAY
Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	4906G000
NAME OF SUBMITTER:	Daniel M. De Vos

Total Attachments: 38
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ASSIGNMENT OF PATENT(S) AND/OR PATENT APPLICATION(S)

This Nunc Pro Tunc Assignment is effective the 25th day of January 2007 by and between the below-identified Assignor and Assignee. For good and valuable consideration, receipt of which is hereby acknowledged, Redback Networks Inc., a Delaware corporation having a place of business at 100 Headquarters Drive, San Jose, CA 95134 (the "Assignor"), hereby sells, assigns, and transfers to Ericsson AB, a Swedish corporation having a place of business at S-164 83 Stockholm, Sweden (the "Assignee"), its successors and assigns, the entire right, title and interest throughout the world to the extent held by the Assignor (if any) in the inventions (including Utility and/or Designs) of the following letters patent(s) and/or patent application(s):

Patent Application and/or Patent Number(s)	Filing Date and/or Issue Date
7,035,256	April 25, 2006
09/835,704	April 16, 2001

and all patent application(s) and letters patent(s) of every country for such inventions, including divisions, reissues, continuations, continuations-in-part, renewals, and extensions thereof, and all rights of priority resulting from the filing of such patent application(s), and any and all causes of action for past, present, and/or future infringement of any of the letters patent(s), or relating to any inventions described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors and assigns; each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

For the same consideration, Assignor authorizes Assignee to apply for letters patent(s) of foreign countries for such inventions, and to claim all rights of priority without further authorization from Assignor.

For the same consideration, Assignor agrees to execute or use its best efforts to cause the execution of all papers necessary or available in connection with such United States and foreign patent application(s) without charge to Assignor, its successors and assigns.

Assignor: Redback Networks Inc.
By:
Printed Name: William Sherry
Title: CEO
Date: December 29, 2009

Assignee: Ericsson AB
By:
Printed Name:
Title:
Date:

ASSIGNMENT OF PATENT(S) AND/OR PATENT APPLICATION(S)

This Nunc Pro Tunc Assignment is effective the 25th day of January 2007 by and between the below-identified Assignor and Assignee. For good and valuable consideration, receipt of which is hereby acknowledged, Redback Networks Inc., a Delaware corporation having a place of business at 100 Headquarters Drive, San Jose, CA 95134 (the "Assignor"), hereby sells, assigns, and transfers to Ericsson AB, a Swedish corporation having a place of business at S-164 83 Stockholm, Sweden (the "Assignee"), its successors and assigns, the entire right, title and interest throughout the world to the extent held by the Assignor (if any) in the inventions (including Utility and/or Designs) of the following letters patent(s) and/or patent application(s):

Patent Application and/or Patent Number(s)	Filing Date and/or Issue Date
7,035,256	April 25, 2006
09/835,704	April 16, 2001

and all patent application(s) and letters patent(s) of every country for such inventions, including divisions, reissues, continuations, continuations-in-part, renewals, and extensions thereof, and all rights of priority resulting from the filing of such patent application(s), and any and all causes of action for past, present, and/or future infringement of any of the letters patent(s), or relating to any inventions described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors and assigns; each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

For the same consideration, Assignor authorizes Assignee to apply for letters patent(s) of foreign countries for such inventions, and to claim all rights of priority without further authorization from Assignor.

For the same consideration, Assignor agrees to execute or use its best efforts to cause the execution of all papers necessary or available in connection with such United States and foreign patent application(s) without charge to Assignor, its successors and assigns.

Assignor: Redback Networks Inc.
By:
Printed Name: William Sherry
Title: CEO
Date:

Assignee: Ericsson AB
By:
Printed Name: John Han
Title: VP Patent Development
Date: February 18, 2010

Prepared (also subject responsible if other)		No.		
Approved	Checked	Date	Rev	Reference
		2007-10-19	PA1	

Redback Patents and Core Technology Agreement and Assignment

This Redback Patents and Core Technology Agreement and Assignment is deemed to govern the past conduct of the parties, and to be effective as of January 25, 2007, by and between Redback Networks Inc., a Delaware corporation having its principal place of business in San Jose, California ("RBU"), and Ericsson AB, a Swedish corporation having its principal place of business in Stockholm, Sweden ("EAB").

WHEREAS, RBU is the owner of all the right, title and interest in patents and core technology used in its business operations; and

WHEREAS, EB desires to acquire all of RBU's right, title and interest in the patents and core technology used in its business operations.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. "Redback Patents and Core Technology" means the combination of processes, patents, and trade secrets that are the building blocks for current and planned RBU Products, and comprises awarded patents, filed patent applications, patentable technology and core architectures that are used across RBU's Products and form the major part of the architecture of both current and the planed future products releases, as such term was used by Ericsson and RBU in the negotiations for the acquisition of RBU by Ericsson and as used in the Valuation Report prepared by Duff & Phelps with respect to the acquisition of RBU.

2. "Redback Products" means products sold or being developed by RBU as of January 25, 2007, including, but not limited to SMS, SmartEdge and NetOp, as well as all future releases and improvements of such products.

3. RBU hereby assigns to EAB, its successors and assigns, all right, title and interest in and to the Redback Patents and Core Technologies, including but not limited to those patents and patent applications listed on Schedule A attached hereto, all divisions, reissues, continuations, continuations-in-part, renewals, and extensions thereof, and all rights of priority resulting from the filing of such patent applications, and any and all causes of action for past, present, and or infringement of the Redback Patents and Core Technologies, including the right to collect royalties for all such infringements. The assignment set forth herein is deemed by the parties to be effective as of January 25, 2007.

Prepared (also subject responsible if other)		No.		
Approved	Checked	Date	Rev	Reference
		2007-10-19	PA1	

4. [redacted]

5. [redacted]

6. RBU shall take such other actions as are requested by LME to evidence the transactions described in this Agreement and Assignment. Redback authorizes EAB to apply for patents in foreign countries for all inventions, and to claim rights of priority without further authorization from RBU.

7. [redacted]

Prepared (also subject responsible if other)		No.		
Approved	Checked	Date	Rev	Reference
		2007-10-19	PA1	

IN WITNESS WHEREOF, the parties hereto cause this Redback Patents and Core Technology Agreement and Assignment to be signed below.

Redback Networks Inc.

By: _____

Name: KA DeNuccio

Date signed: 10/30/07

By: _____

Name: William J. Sherry

Date signed: 10-30-07

Ericsson AB

By: _____

Name: [illegible]

Date Signed: 30 October 2007

By: _____

Name: Lars Åkne

Date signed: 30 October 2007

REDBACK ACTION ITEMS CHART OF DISCLOSURES - P# THEN FILE DATE THEN RATING SORT

Matter #	Ser. No.	Title	Filing Date
P001.C3US	11/869,746	Domain Isolation Through Virtual Network Machines	10/9/07
P001.CUS	10/409,215 (Cont. of 6,609,153)	Domain Isolation Through Virtual Network Machines	4/7/03
P001 DCUS		Dynamic Binding of Network Services	10/9/07
P002.COMUS		A Method and Apparatus for Switching Data of Different Protocols	12/30/00
P002 ZUS	60/258,760	A Method and Apparatus for Switching Data of Different Protocols	12/30/00
P003.CUS	11/414,093 (Continuation of 09/699,198, PAT 7,054,321)	Tunneling Ethernet	4/28/06
P005.CUS	11/177,524 (Cont. of 09/698,849)	Remote Circuit Provisioning	7/7/05
P006.COMUS		Method and Apparatus for Controlling Service Access	10/27/00
P006.COMUS		Method and Apparatus for Controlling Service Access	10/27/00
P006.COMUS		Method and Apparatus for Controlling Service Access	10/27/00
P007.US	09/699,238	Tunnel Groups	10/27/00
P010.COMUS		Creating Visibility of an Access Point	10/27/00

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Matter #	Ser. No.	Title	Filing Date
P010.US	09/699,137	Creating Visibility of an Access Point	10/27/00
P013 ZUS	60/331,375	System And Method For Providing Tunnel Session Mobility	12/20/00
P014 D2US	11/035,639 (Divisional of 09/751,764)	Any Size and Location of Concatenated Packet Data Across SONET Frames in a SONET Signal	1/13/05
P016.GB3	314528.1	A Method and Apparatus for Variable Rate Pipes	12/20/01
P016.SG	200303521-9	A Method and Apparatus for Variable Rate Pipes	12/20/01
P016.WO	US01/50012	A Method and Apparatus for Variable Rate Pipes	12/20/01
P016 XUS	09/999,503 (C P of 09/887,299)	Method and Apparatus for a Variable Rate Pipe on a Linear Connection	10/22/01
P016 ZUS	60/258,765	A Method and Apparatus for Variable Rate Pipes	12/30/00
P018.US	10/035,560	Method and Apparatus for Combining 8b/10b Encoding and Error Correction Control	10/23/01
P020.CUS	11/259,964 (which is a divisinal of 09/941,223)	Method and Apparatus for Virtual Private Networks	10/26/05
P021.COMUS		Protocol for Transactional Fault Tolerance in a Network Element	6/2/01
P024.US	09/834,385	Method and Apparatus for Muliple Communications Sessions	4/13/01
P027.GB3	GB 2390 962 A	Method and Apparatus for Sync Hunting Signals	2/21/02
P027.SG	200305725-4	Method and Apparatus for Sync Hunting Signals	2/21/02

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Matter #	Ser. No.	Title	Filing Date
P027.WO	US02/05088	Method and Apparatus for Sync Hunting Signals	2/21/02
P027 ZUS		Method and Apparatus for Sync Hunting Signals	3/31/01
P027 ZUS	60/280,694	Method and Apparatus for Sync Hunting Signals	3/31/01
P028 ZUS	60/258,759	A Method and Apparatus for a Hybrid Variable Rate Pipe	12/30/00
P029.WO	US02/04603	Stuffing Filter Mechanism for Data Transmission Signals	2/14/02
P029 ZUS	60/280,662	Stuffing Filter Mechanism for Data Transmission Signals	3/31/01
P030.SG	200305033-3	Alignment of TDM Over Packet using a framed or an unframed technique for both DS1 and DS3	2/14/02
P030.WO	US02/04451	Alignment of TDM Over Packet using a framed or an unframed technique for both DS1 and DS3	2/14/02
P030 ZUS	60/280,661	Alignment of TDM-based signals for packet transmission using framed and unframded operations	3/31/01
P032 EPO	1994414.9	Method and Apparatus for Processing of Multiple Protocols within Data Transmission Signal	9/24/03
P032 JP	2002-563659	Method and Apparatus for Processing of Multiple Protocols within Data Transmission Signal	12/21/01
P032.SG	200303530-0	Method and Apparatus for Processing of Multiple Protocols within Data Transmission Signal	12/21/01
P032.WO	US01/50087	Method and Apparatus for Processing of Multiple Protocols within Data Transmission Signal	12/21/01

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Matter #	Ser. No.	Title	Filing Date
P033.US	10/046,566	Bit Synchronous Engine and Method	10/19/01
P034.WO	US01/51039	Method and Apparatus for Processing of Multiple Protocols within Data and Control Channels in Data Transmission Signals	12/21/01
P035.US	10/113,009 (Claims benefit of 60/280,568)	Updating Provisioning Data in a Network Element	3/29/02
P035 ZUS	60/280,568	Method and Apparatus for Shadowing Network Element Control Cards	3/30/01
P036.US	10/109,521 (Claims benefit of 60/333,845)	Method and Apparatus for Processing Channelized and Unchannelized Data Within a Signal (Related to RB-094)	3/28/02
P036 ZUS	60/333,845	Method and Apparatus for Processing Channelized and Unchannelized Data Within a Signal (Related to RB-094)	11/28/01
P037.US	09/823,781	Formation of Mobile Agents to Provide a Synchronized View in Network Management□(Related to RB-147, RB-149, RB-150)	3/31/01
P040 ZUS	60/300,041	Use of transaction agents to perform distributed transactions	6/20/01
P041.US	09/903,243	METHOD AND APPARATUS FOR FA LURE ANALYSIS□	7/11/01
P042.US	09/823,773	Method and Apparatus to Distribute the Presence of Servers and Their Encapsulated Applications	3/31/01

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Matter #	Ser. No.	Title	Filing Date
P043.COMUS		Fast DCC Support for: 1) the High Level TDM Provisioning, & Monitoring of alarm status on more channels due to high channelization; & 2) Packet Statistics: a) packet interfaces of particular protocols; b) how many and of what type circuits. (Related to RB-012) Use PPP on DCC. Allows to use TCP/ P applications and JAVA.	
P044.GB3	314525.7	The Method and Apparatus for a Non-BLSR Protected Layer 2/3 Channel	12/20/01
P044.SG	200303568-0	The Method and Apparatus for a Non-BLSR Protected Layer 2/3 Channel	12/20/01
P044.US	09/887,302 (Claims benefit of 60/258,761)	The Method and Apparatus for a Non-BLSR Protected Layer 2/3 Channel	6/22/01
P044.WO	US01/49822	The Method and Apparatus for a Non-BLSR Protected Layer 2/3 Channel	12/20/01
P044 ZUS	60/258,761	The Method and Apparatus for a Non-BLSR Protected Layer 2/3 Channel	12/30/00
P045 ZUS	60/118,156	Packet Classification Methods and Apparatus Methods and Apparatus for Deploying Quality of Service Policies on a Data Communication Network and Packet Scheduling Methods and Apparatus	2/1/99
P046.WO	CA00/00938	Methods and Apparatus for Deploying Quality of Service Policies on a Data Communication Network	8/17/00

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Matter #	Ser. No.	Title	Filing Date
P047.WO	CA00/00937	Packet Scheduling Methods and Apparatus	8/17/00
P048.WO	CA00/00939	Methods and Apparatus for Packet Classification with Multi-Level Data Structure	8/17/00
P049.WO	CA00/00949	Methods and Apparatus for Packet Classification with Multiple Answer Sets	8/17/00
P050 ZUS	60/252,065	Flow Admission Control Methods and Apparatus	11/21/00
P051 ZUS	60/252,585	Service Provisioning Methods and Apparatus	11/24/00
P052.US		Multi-Purpose Network Information Repository	

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Matter #	Ser. No.	Title	Filing Date
P052 ZUS	60/252,578	Multi-Purpose Network Information Repository	11/24/00
P053 ZUS	60/252,576	Policy Verification Method and Apparatus	11/24/00
P054 ZCA	2327001	Method and Apparatus for the Enumeration of Sets of Concurrently Scheduled Events	11/27/00
P055 ZCA	2326851	Policy Change Characterization Method and Apparatus	11/24/00
P056 ZUS		Packet Scheduling	
P057.WO	PCT/US01/44608	Cache Retry Request Queue	11/27/01
P058 EPO	1271568.6	Scheduler for a Data Memory Access Having Multiple Channels	11/29/01
P058 JP	2002-551659	Scheduler for a Data Memory Access Having Multiple Channels	11/29/01
P058.SG		Scheduler for a Data Memory Access Having Multiple Channels	11/29/01
P058.WO	PCT/US01/44580	Scheduler for a Data Memory Access Having Multiple Channels	11/29/01
P061.COMUS		Ring Network Element and the Ring Network Architectures it Enables	3/30/01
P061.COMUS		Ring Network Element and the Ring Network Architectures it Enables	3/30/01

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Matter #	Ser. No.	Title	Filing Date
P061 DUS	11/584,360 (Divisional of 09/823,871)	Ring Network Element and the Ring Network Architectures it Enables (Combined with RB-005 and RB-173)	10/20/06
P063 ZUS	60/334,486	Method and Apparatus for the Operation of a Storage Unit in a Network Element (Related to RB-113 – see if can combine)	11/29/01
P064 ZUS	60/340,925	Method and Apparatus for Altering an Output Rate of a Data Storage Unit (Related to RB-114 – see if can combine)	12/7/01
P068.COMUS		Packet BLSR with Fully Shared Protection Channel	
P069.COMUS		Applied Linear 1 for N Protection (As opposed to linear 1 for 1 protection – the subject matter of P016 and P044)	
P072.CUS	11/260,775 (continuation of 09/872,936)	Method and Apparatus for Controlling the Admission of Data Into A Network Element	10/26/05
P076.COMUS		Method and Apparatus for Simultaneously Sync Hunting Signals (Related to RB-057, RB-058, RB-60)	4/16/01
P076.WO	US02/11451	Method and Apparatus for Simultaneously Sync Hunting Signals	4/12/02
P077.CUS	10/449,326 (cont. of 09/873,037)	Method and Apparatus for Restart Communication Between Network Elements	5/30/03
P077.WO	US02/15834	Method and Apparatus for Restart Communication Between Network Elements	5/15/02
P078.SG	200307088-5	Method and Apparatus for Process Sync Restart	5/14/02
P078.US	09/872,920	Method and Apparatus for Process Sync Restart	6/2/01

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Matter #	Ser. No.	Title	Filing Date
P078.WO	US02/15322	Method and Apparatus for Process Sync Restart	5/14/02
P079.WO	US02/15321	Method and Apparatus for Maintaining Consistent Data	5/14/02
P080.CUS	11/492,335 (Continuation of 7,082,610)	Method and Apparatus for Exception Handling In A Multi-Processing Environment	7/24/06
P080.WO	US02/15709	Method and Apparatus for Exception Handling In A Multi-Processing Environment	5/15/02
P081.US	10/080,869 (Claims benefit of 60/340,982)	Method and Apparatus for Balancing Bandwidth Among Multiple Ports of a Network Element	2/21/02
P081 ZUS	60/340,982	Balancing Bandwidth Among Multiple Ports of a Network Element	12/7/01
P083 ZUS	60/334,250	Method and Apparatus for Processing Network Data Frames Using Alignment Information (Related to RB-170)	11/30/01
P084.WO	US02/39468	Method and Apparatus for Unscheduled Flow Control in Packet Form	12/9/02
P085 XUS	10/285,937 (C P of 09/999,542)	Method and Apparatus for Protection of an Optical Network (Related to RB-016, RB-018 and RB-140)	10/31/02
P086.US	10/102,456 (Claims benefit of 60/362,208)	Method and Apparatus for Multiplexing and Demultiplexing Communication Signals	3/20/02
P086 ZUS	60/362,208	Method and Apparatus of Multiplexing and Demultiplexing Communication Signals	3/6/02

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Matter #	Ser. No.	Title	Filing Date
P087.COMUS		FIB to deal with route Flaps	
P089 ZUS	60/309,556	Method and Apparatus for Classifying Network Data	8/2/01
P090 ZUS	60/309,580	Method and Apparatus for Classifying Network Data	8/2/01
P091.US	10/193,504 (claims the benefit of 60/345,416)	Method and Apparatus for Out-of-Order Processing of Packets	7/10/02
P091 ZUS	60/345,416	Method and Apparatus for Out-of-Order Processing of Packets	12/31/01
P092.US	10/334,648 (claims priority to 60/345,989)	Method and Apparatus Providing for Invalidation in a Distributed Cache System	12/31/02
P092 ZUS	60/345,989	Method and Apparatus Providing for Invalidation in a Distributed Cache System	12/31/01
P093.US		Use A ROC To Solve Multicast	
P094 DUS	11/409,193 (Divisional of 09/991,234)	Method and Apparatus for Multiple Contexts and Layer 3 Virtual Private Networks	4/21/06

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Matter #	Ser. No.	Title	Filing Date
P094.GB3		Method and Apparatus for Multiple Contexts and Layer 3 Virtual Private Networks	11/15/02
P094.US	09/991,234	Method and Apparatus for Multiple Contexts and Layer 3 Virtual Private Networks	11/17/01
P094.WO	US02/36832	Method and Apparatus for Multiple Contexts and Layer 3 Virtual Private Networks	11/15/02
P096.US	10/292,000 (Claims benefit of 60/344,122)	Method and Apparatus for Accessing Routing Data From Memory	11/12/02
P096 ZUS	60/344,122	Method and Apparatus for Accessing Routing Data From Memory	12/28/01
P097.US	10/291,999 (Claims benefit of 60/368,200)	Updating of Routing Data in a Network Element	11/12/02
P097 ZUS	60/368,200	Updating of Routing Data in a Network Element	3/28/02
P101.US	10/299,236 (Claims benefit of 60/358,079)	Method and Apparatus for Implementing a Switching Unit Including a Bypass Path	11/18/02
P101 ZUS	60/358,079	Method and Apparatus for Implementing a Switching Unit Including a Bypass Path	2/19/02
P102.US		LFM (Lock and Fence Manager) (builds on cache coherency) (Related to RB-199)	

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Matter #	Ser. No.	Title	Filing Date
P103 ZUS	60/359,099	Processing Instructions Having Associated Suffix Instructions	2/22/02
P104.US		Doing a Broadcast on the ICN (key to usefulness of the ICN Toplogy) (Related to RB-199 and RB-200) (Prior art is the "Omega Papers")	
P105.US	10/036,674	Method and Apparatus for Representing Label Switched Paths	12/31/01
P105.WO	US02/41549	Method and Apparatus for Representing Label Switched Paths	12/27/02
P106.US	10/103,207 (Claims priority/benefit of 60/347,365)	Method and Apparatus for Processing Labels	3/21/02
P106 ZUS	60/347,365	Method and Apparatus for Processing Label Identifiers	1/10/02
P109.US	10/327,555 (Claims benefit of 60/412,433)	Method and Apparatus for Out-of-Order Processing of Packets Using Linked Lists	12/20/02
P109 ZUS	60/412,433	Method and Apparatus for Out-of-Order Processing of Packets Using Linked Lists	9/20/02
P112.US	10/388,914 (Claims benefit of 60/367,233 and 60/363,967)	Network Element Having A Cross-Connect To Route Data To Traffic Cards Of Varying Functionality	3/13/03
P112 ZUS	60/363,967	A Network Element Having a Cross-Connect to Route Data to Traffic Cards of Varying Functionality	3/14/02

PATENT
REEL: 024047 FRAME: 0178

Matter #	Ser. No.	Title	Filing Date
P112 ZUS	60/367,233	Network Element Having a Cross-Connect to Route Data to Traffic Cards of Varying Functionality	3/25/02
P113.US	10/602,481 (Claims priority to 60/390,630)	Switching of a Cross-Connect and a Timing Source in a Network Element	6/23/03
P113 ZUS	60/390,630	Switching of a Cross-Connect and a Timing Source in a Network Element	6/21/02
P114.CUS	11/809,053 (Continuation of 10/602,461)	Repeated Switching of a Cross-Connect and a Timing Source in a Network Element through the use of a phase adjuster	5/30/07
P115 ZUS	60/368,780	Hierarchical Circuit with Different Switching Decisions	3/27/02
P117.US	10/159,656 (claims priority to 60/375,650)	Method and Apparatus for Managing Resources of a Hybrid Network Element	5/31/02
P117 ZUS	60/375,650	Method and Apparatus for Managing Resources of a Hybrid Network Element	4/26/02
P122 EPO	3726459.5	Subscriber Service Selection Over Non-Channelized Media	4/25/03
P122 HK		Subscriber Service Selection Over Non-Channelized Media	6/29/05
P122 JP	2004-500262	Subscriber Service Selection Over Non-Channelized Media	4/25/03
P122.US	10/133,072	Subscriber Service Selection Over Non-Channelized Media	4/26/02
P122.WO	US03/12862	Subscriber Service Selection Over Non-Channelized Media	4/25/03

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Matter #	Ser. No.	Title	Filing Date
P123.US	10/281,619 (claims the benefit of 60/387,023)	Updating of Availability of Routes in a Network	10/28/02
P123 ZUS	60/387,023	Updating of Availability of Routes in a Network	6/7/02
P124.US	10/159,625 (Claims priority to 60/376,039)	Method and Apparatus for Load Balancing and Protecting Data Traffic in an Optical Ring	5/31/02
P124 ZUS	60/376,039	Method and Apparatus for Load Balancing and Protecting Data Traffic in an Optical Ring	4/26/02
P125 ZUS	60/376,041	Method and Apparatus for a Connection Manager to Support Unprotected Channels	4/26/02
P126.COMUS		E3/DS3 Loop-timing (Loop timing 1)	
P129 DSG	200609004-7	Dynamic Modification of a Subscriber Connection	12/22/06
P129 EPO	3724231	Dynamic Modification of a Subscriber Connection	4/25/03
P129 JP	2004-500202	Dynamic Modification of a Subscriber Connection	4/25/03
P129.SG	200405002-7	Dynamic Modification of a Subscriber Connection	4/25/03
P129.WO	US03/12863	Dynamic Modification of a Subscriber Connection	4/25/03
P129 ZUS	60/375,684	Dynamic Modification of a Subscriber Connection	4/26/02
P130.US	10/464,233 (Claims benefit of 60/389,702)	Domain-Less Service Selection	6/17/03

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	Matter #	Ser. No.	Title					Filing Date									
	P130.WO	US03/19314	Domain-Less Service Selection					6/18/03									
	P130 ZUS	60/389,702	Domain-Less Service Selection					6/18/02									
	P132.US	10/214,901	METHOD AND APPARATUS FOR ROUTE OSC LLATION REDUCTION					8/8/02									
	P133 D2US	10,883,425 (Divisonal of 10/265,789)	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element□					6/30/04									
	P133 D3US	10/883,070 (Divisonal of 10/265,789)	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element					6/30/04									
	P133 DUS	10/883,109 (Divisonal of 10/265,789)	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element					6/30/04									
	P133.WO	US03/20456	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element					6/27/03									
	P133 ZUS	60/397,353	Method and Apparatus for Routing and Forwarding Between Virtual Routers Within a Single Network Element					7/20/02									

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[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P134.WO	US03/21623	Method and Apparatus for Selective Packet Mirroring	[redacted]	7/11/03	[redacted]
[redacted]	P134 ZUS	60/409,795	Method and Apparatus for Selective Packet Mirroring	[redacted]	9/11/02	[redacted]
[redacted]	P135 ZUS	60/403,348	Method and Apparatus for Accessing Management Information Base Data	[redacted]	8/14/02	[redacted]
[redacted]	P139.US	10/775,286	Context Selection in a Network Element Through Subscriber Flow Switching	[redacted]	2/9/04	[redacted]
[redacted]	P140.US	10/600,192	Method and Apparatus for Agnostic PPP Switching	[redacted]	6/20/03	[redacted]
[redacted]	P141.US	10/281,856 (Claims the benefit of 60/407,315)	Surplus Redistribution for Quality of Service Classifications for Packet Processing	[redacted]	10/28/02	[redacted]
[redacted]	P142.WO	US03/27206	Hierarchy Tree-Based Quality of Service Classification for Packet Processing	[redacted]	8/29/03	[redacted]
[redacted]	P142 ZUS	60/407,315	Hierarchy Tree-Based Quality of Service Classification for Packet Processing	[redacted]	8/30/02	[redacted]
[redacted]	P144 ZUS	60/403,269	Method and Apparatus for Multicast Multiple Prefetch	[redacted]	8/14/02	[redacted]
[redacted]	P145.US	10/461,854	Method and Apparatus for Virtual Circuit Routes	[redacted]	6/13/03	[redacted]
[redacted]	P147.US	11/045,196 (Claims benefit of 60/541,892)	MPLS Traffic Engineering for Point-to-Multipoint Label Switched Paths	[redacted]	1/27/05	[redacted]

Matter #	Ser. No.	Title	Filing Date
P147 ZUS	60/541,892	MPLS Traffic Engineering for Point-to-Multipoint Label Switched Paths	2/3/04
P148.US	10/682,514	A Network Element Having a Redirect Server	10/8/03
P149.US	10/957,446 (Claims benefit of 60,509,307)	Protocol for Messaging Between a Centralized Broadband Remote Aggregation Server and Other Devices	9/30/04
P149 ZUS	60509307	Protocol for Messaging Between a Centralized Broadband Remote Aggregation Server and Other Devices	10/6/03
P150.US	10/956,175 (Claims the benefit of 60/516,541)	DHCP Proxy in a Subscriber Environment	9/30/04
P150 ZUS	60/516,541	DHCP Proxy in a Subscriber Environment	10/31/03
P151.US	10/954,395 (Claims Benefit of 60/516,200)	The use of IP address blocks with Default Interfaces in a Router	9/29/04
P151 ZUS	60/516,200	The use of IP address blocks with Default Interfaces in a Router	10/31/03

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	Matter #	Ser. No.	Title		Filing Date	
	P152.US	10/955,671 (Claims benefit of 60/516,348)	A Network Element Having a DHCP Lease Timer		9/29/04	
	P152 ZUS	60/516,348	A Network Element Having a DHCP Lease Timer		10/31/03	
	P153.US	10/977,244 (Claims priority to 60/516,365)	Switchover for Broadband Subscriber Sessions		10/29/04	
	P153.WO	US2004/036 507	Switchover for Broadband Subscriber Sessions		11/1/04	
	P153 ZUS	60/516,365	Switchover for Broadband Subscriber Sessions		10/31/03	
	P154.US	10/975,201 (60/525,457)	Nexthop fast rerouter for P & MPLS		10/27/04	
	P154 ZUS	60/525,457	Nexthop fast rerouter for P & MPLS		11/26/03	
	P155.US	11/035,994 (Claims benefit of 60/543,414)	Method and an Apparatus for Route Selection in Routing Protocols		1/14/05	
	P155 ZUS	60/543,414	Method and an Apparatus for Route Selection in Routing Protocols		2/5/04	
	P157.US	11/406,961 (claims benefit of 60/708,122)	Method and Apparatus For Securing A Layer II Bridge/Switch For Subscriber Aggregation		4/18/06	
	P157 ZUS	60/708,122	Method and Apparatus For Securing A Layer II Bridge/Switch For Subscriber Aggregation		8/11/05	
	P158.US	11/706,125 (claims benefit of 60/773,867)	Source Routed Multicast LSP		2/12/07	
	P158.WO	(claims benefit of 60/773,867)	Source Routed Multicast LSP		2/15/07	
	P158 ZUS	60/773,867	Source Routed Multicast LSP		2/15/06	

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[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P160.US	11/725,084 (Claims benefit of 60/783,751)	Customer Traffic Forwarding Continues While Control Plane is Reset	[redacted]	3/16/07	[redacted]
[redacted]	P160.WO	11/725,084 (Claims benefit of 60/783,751)	Customer Traffic Forwarding Continues While Control Plane is Reset	[redacted]	3/16/07	[redacted]
[redacted]	P160 ZUS	60/783,751	Customer Traffic Forwarding Continues While Control Plane is Reset	[redacted]	3/17/06	[redacted]
[redacted]	P161.US	11/643,423	Hot-Swappable Modular Interface Cards based on Layer 1 Interfacing	[redacted]	12/20/06	[redacted]
[redacted]	P162.US		Non-zeroed memory on memory controller reset	[redacted]		[redacted]
[redacted]	P163.US	11/450,027	A Scalable Hierarchical Data Plane For IP based VPLS Networks	[redacted]	6/9/06	[redacted]
[redacted]	P163.WO		A Scalable Hierarchical Data Plane For IP based VPLS Networks	[redacted]	3/13/07	[redacted]
[redacted]	P164.US		Hardware Acceleration for Multi-Way Branches	[redacted]		[redacted]
[redacted]	P165.US	11/583,525	Method and Apparatus for Traffic Shaping	[redacted]	10/18/06	[redacted]
[redacted]	P165.US		Simplified Algorithym for Dual Token Bucket Traffic Shaper	[redacted]		[redacted]
[redacted]	P166 ZUS	60/905,521	A flexible, cost-effective solution for P2P/Gaming/Application Traffic Detection and Treatment	[redacted]	3/6/07	[redacted]

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	Matter #	Ser. No.	Title		Filing Date									
	P167.US		A lesser disruptive OSPF handling of BFD state changes		8/16/07									
	P168.US	11/725,125	System and Method to provide mobility to WiMAX subscriber station using existing DSL whole sale infrastructure		3/16/07									
	P169.US	11/729,289	System and Method to negotiate QOS parameters for a user session using Mobile IP between the Foreign Agent and Home Agent		3/27/07									
	P170.US		Dual-Stage Mesh Interface Connectivity for Packet Processing Systems											
	P172.US		Forwarding data path optimization in a distributed environment for achieving mobility		10/19/07									
	P173.US	11/771,943	MOBILE IP BULK REGISTRATION REVOCATION		6/29/07									
	P175 ZUS	60/966,878	ADAPTIVE METHOD AND APPARATUS FOR ADJUSTING NETWORK TRAFFIC VOLUME REPORT NG		8/29/07									

REDBACK ACTION ITEMS CHART OF DISCLOSURES - P# THEN FILE DATE THEN RATING SORT

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P001.C2US	10/461,761 (Cont. of 6,609,153)	Domain Isolation Through Virtual Network Machines	[redacted]	6/12/03	[redacted]
[redacted]	P001.DUS	10/020,388 (Divisional of 6,609,153)	Dynamic Binding of Network Services	[redacted]	12/14/01	[redacted]
[redacted]	P001.US	09/220,413	Domain Isolation Through Virtual Network Machines	[redacted]	12/24/98	[redacted]
[redacted]	P002.US	09/823,480 (Claims benefit of 60/258,760)	A Method and Apparatus for Switching Data of Different Protocols	[redacted]	3/30/01	[redacted]
[redacted]	P003.US	09/699,198	Tunneling Ethernet	[redacted]	10/27/00	[redacted]
[redacted]	P005.US	09/698,849	Remote Circuit Provisioning	[redacted]	10/27/00	[redacted]
[redacted]	P008.US	09/699,228	Tunnel Interworking	[redacted]	10/27/00	[redacted]
[redacted]	P012.US	09/698,314	Method And Apparatus For Combining Packets Having Different Protocol Encapsulations Within A Circuit	[redacted]	10/27/00	[redacted]
[redacted]	P014.DUS	11/036,224 (Divisional of 09/751,764)	Any Size and Location of Concatenated Packet Data Across SONET Frames in a SONET Signal	[redacted]	1/13/05	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P014.US	09/751,764	Any Size and Location of Concatenated Packet Data Across SONET Frames in a SONET Signal	[redacted]	12/30/00	[redacted]
[redacted]	P019.US	09/752,649	A Cross-Connect With Shared Storage	[redacted]	12/29/00	[redacted]
[redacted]	P020.US	09/941,223	Method and Apparatus for Virtual Private Networks	[redacted]	8/28/01	[redacted]
[redacted]	P021.US	09/873,730	Fault Tolerant Network Element	[redacted]	6/2/01	[redacted]
[redacted]	P025.US	10/035,506	Method and Apparatus for PPPoE Multicast	[redacted]	10/22/01	[redacted]
[redacted]	P026.US	09/740,184	Method And Apparatus For Sharing Memory Space Across Multiple Processing Units	[redacted]	12/18/00	[redacted]
[redacted]	P027.US	09/835,474 (Claims benefit of 60/280,694)	Method and Apparatus for Sync Hunting Signals	[redacted]	4/16/01	[redacted]
[redacted]	P028.US	09/887,957 (Claims benefit of 60/258,759)	A Method and Apparatus for a Hybrid Variable Rate Pipe	[redacted]	6/22/01	[redacted]
[redacted]	P029.US	09/836,950 (Claims benefit of 60/280,662)	Stuffing Filter Mechanism for Data Transmission Signals	[redacted]	4/17/01	[redacted]
[redacted]	P030.GB3	323562 9	Alignment of TDM Over Packet using a framed or an unframed technique for both DS1 and DS3	[redacted]	2/14/02	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P030.US	09/837,448 (Claims benefit of 60/280,661)	Alignment of TDM-Based Signals for Packet Transmission Using framed and unframed operations	[redacted]	4/17/01	[redacted]
[redacted]	P031.US	09/997,375	Method and Apparatus for Disabling an Interface Between Network Element Data Processing Units	[redacted]	11/30/01	[redacted]
[redacted]	P032.US	09/751,255	Method and Apparatus for Processing of Multiple Protocols within Data Transmission Signal	[redacted]	12/30/00	[redacted]
[redacted]	P034.US	09/751,584	Method and Apparatus for Processing of Multiple Protocols within Data and Control Channels in Data Transmission Signals	[redacted]	12/30/00	[redacted]
[redacted]	P038.US	09/904,371	A Method And Apparatus For Providing Scalability And Fault Tolerance In A Distributed Network	[redacted]	7/11/01	[redacted]
[redacted]	P040.US	09/903,911 (Claims benefit of 60/300,041)	Use of Transaction Agents to Perform Distributed Transactions	[redacted]	7/11/01	[redacted]
[redacted]	P046.US	09/316,929 (which claims benefit of 60/118,156)	Methods and Apparatus for Deploying Quality of Service Policies on a Data Communication Network	[redacted]	5/21/99	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P047.US	09/316,930 (which claims benefit of 60/118,156)	Packet Scheduling Methods and Apparatus	[redacted]	5/21/99	[redacted]
[redacted]	P048.US	09/316,469 (which claims benefit of 60/118,156)	Methods and Apparatus for Packet Classification with Multi-Level Data Structure	[redacted]	5/21/99	[redacted]
[redacted]	P049.US	09/316,466 (which claims benefit of 60/118,156)	Methods and Apparatus for Packet Classification with Multiple Answer Sets	[redacted]	5/21/99	[redacted]
[redacted]	P051.US	09/990,561 (Claims benefit of 60/252,585)	Service Provisioning Methods and Apparatus	[redacted]	11/21/01	[redacted]
[redacted]	P053.US	09/991,031 (Claims benefit of 60/252,576)	Policy Verification Method and Apparatus	[redacted]	11/21/01	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P054.US	09/995,285 (claims priority to 2,327,001)	Method and Apparatus for the Enumeration of Sets of Concurrent Scheduled Events	[redacted]	11/27/01	[redacted]
[redacted]	P055.US	09/990,569 (claims priority to 2 326 851)	Policy Change Characterization Method and Apparatus	[redacted]	11/21/01	[redacted]
[redacted]	P057.US	09/740,658	Cache Retry Request Queue	[redacted]	12/18/00	[redacted]
[redacted]	P058.US	09/740,669	Scheduler for a Data Memory Access Having Multiple Channels	[redacted]	12/18/00	[redacted]
[redacted]	P059.CUS	10/650,317 (Cont. of 09/740,670)	Free Memory Manager Scheme and Cache	[redacted]	8/27/03	[redacted]
[redacted]	P059.US	09/740,670	Free Memory Manager Scheme and Cache	[redacted]	12/18/00	[redacted]
[redacted]	P060.US	09/887,303 (Claims benefit of 60/258,761)	Protection mechanism for an optical ring	[redacted]	6/22/01	[redacted]
[redacted]	P061.US	09/823,871	Ring Network Element and the Ring Network Architectures it Enables (Combined with RB-005 and RB-173)	[redacted]	3/30/01	[redacted]
[redacted]	P062.US	10/035,538	Method and Apparatus for Changing the Data Rate of a Data Signal	[redacted]	10/23/01	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P063.US	10/102,461 (Claims benefit of 60/334,486)	Method and Apparatus for the Operation of a Storage Unit in a Network Element (Related to RB-113 – see if can combine)METHOD AND APPARATUS FOR THE OPERATION OF A STORAGE UNIT IN A NETWORK ELEMENT	[redacted]	3/20/02	[redacted]
[redacted]	P065.US	09/828,573	Parallel byte processing engines shared among multiple data channels	[redacted]	4/2/01	[redacted]
[redacted]	P067.US	09/885,372	Method and Apparatus for Traffic Scheduling	[redacted]	6/20/01	[redacted]
[redacted]	P071.US	09/821,981	Heterogeneous connections on a bi-directional line switched ring	[redacted]	3/31/01	[redacted]
[redacted]	P072.US	09/872,936	Method and Apparatus for Controlling the Admission of Data Into A Network Element	[redacted]	6/2/01	[redacted]
[redacted]	P073.US	09/823,293	On Board RAM based FIFO with pointers to buffer overhead byte that point to SPE in SONET frames	[redacted]	3/30/01	[redacted]
[redacted]	P076.US	09/835,979 (Claims benefit of 60/280,694)	Method and Apparatus for Simultaneously Sync Hunting Signals	[redacted]	4/16/01	[redacted]
[redacted]	P077.US	09/873,037	Method and Apparatus for Restart Communication Between Network Elements	[redacted]	6/2/01	[redacted]
[redacted]	P078.GB3	GB0327803.3	Method and Apparatus for Process Sync Restart	[redacted]	5/14/02	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P079.US	09/873,039	Method and Apparatus for Maintaining Consistent Data	[redacted]	6/2/01	[redacted]
[redacted]	P080.US	09/873,038	Method and Apparatus for Exception Handling In A Multi-Processing Environment	[redacted]	6/2/01	[redacted]
[redacted]	P084.US	10/021,152	Method and Apparatus for Unscheduled Flow Control in Packet Form	[redacted]	12/7/01	[redacted]
[redacted]	P088.US	09/992,354	Method and Apparatus for Attribute Oriented Routing Update	[redacted]	11/19/01	[redacted]
[redacted]	P094.SG	200400440-4	Method and Apparatus for Multiple Contexts and Layer 3 Virtual Private Networks	[redacted]	11/15/02	[redacted]
[redacted]	P098.US	10/032,729	Method and Apparatus for Replicating Packet Data within a Network Element	[redacted]	12/28/01	[redacted]
[redacted]	P103.US	10/266,116 (claims benefit of 60/359,099)	Processing Instructions Having Associated Suffixes	[redacted]	10/7/02	[redacted]
[redacted]	P107.US	10/103,252 (which claims benefit of 60/347,365)	Method and Apparatus for a Label Forwarding Information Base	[redacted]	3/21/02	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P108.US	10/103,253 (claims benefit of 60/347,365)	Method and Apparatus for Nonstop Forwarding with Labels	[redacted]	3/21/02	[redacted]
[redacted]	P111.US	10/159,341	Method and Apparatus for Graceful Restart	[redacted]	5/31/02	[redacted]
[redacted]	P114.US	10/602,461 (Claims benefit of 60/390,630)	Repeated Switching of a Cross-Connect and a Timing Source in a Network Element through the use of a phase adjuster	[redacted]	6/23/03	[redacted]
[redacted]	P115.US	10/159,384 (Claims priority to 60/368,780)	Method and Apparatus for Hierarchical Circuits with Switching Decisions	[redacted]	5/31/02	[redacted]
[redacted]	P122.SG	200404003-5	Subscriber Service Selection Over Non-Channelized Media	[redacted]	4/25/03	[redacted]
[redacted]	P129.US	10/176,222 (Claims the benefit of 60/375,684)	Dynamic Modification of a Subscriber Connection	[redacted]	6/20/02	[redacted]
[redacted]	P133.D2GB	607355 5	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element	[redacted]	1/27/03	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P133.D3GB3	607357.1	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element	[redacted]	6/27/03	[redacted]
[redacted]	P133.DGB3	521044 8	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element	[redacted]	6/27/03	[redacted]
[redacted]	P133.GB3	501759 5	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element	[redacted]	6/27/03	[redacted]
[redacted]	P133.HK	6111599 6	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element	[redacted]	1/31/07	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P133.SG	200500322-3	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element	[redacted]	1/18/05	[redacted]
[redacted]	P133.US	10/265,789 (claims benefit of 60/397,353)	Method and Apparatus for Routing and Forwarding Between Virtual Routers within a Single Network Element	[redacted]	10/7/02	[redacted]
[redacted]	P134.US	10/292,161 (Claims the benefit of 60/409,795)	Method and Apparatus for Selective Packet Mirroring	[redacted]	11/12/02	[redacted]
[redacted]	P135.US	10/251,504 (Claims benefit of 60/403,348)	Method and Apparatus for Accessing Management Information Base Data	[redacted]	9/20/02	[redacted]
[redacted]	P142.US	10/281,536 (Claims the benefit of 60/407,315)	Hierarchy Tree-Based Quality of Service Classification for Packet Processing	[redacted]	10/28/02	[redacted]
[redacted]	P143.US	10/281,537 (Claims the benefit of 60/407,315)	Priority-Based Efficient Fair Queuing for Quality of Service Classification for Packet Processing	[redacted]	10/28/02	[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	[redacted]	[redacted]	[redacted]	Filing Date	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	P144.US	10/237,388 (Claims benefit of 60/403,269)	Method and Apparatus for Multicast Multiple Prefetch	[redacted]	[redacted]	[redacted]	[redacted]	9/9/02	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

REDBACK ACTION ITEMS CHART OF DISCLOSURES - P# THEN FILE DATE THEN RATING SORT

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P131.ZUS		A Method and Apparatus for Processing Data in a Network Element	[redacted]		[redacted]
[redacted]	P159.US		Fast Reroute Link Protection Using MPLS	[redacted]		[redacted]
[redacted]	P162.US		Non-zeroed memory on memory controller reset	[redacted]		[redacted]
[redacted]	P171.US		In-Service Software upgrade utilizing metadata-driven state translation	[redacted]		[redacted]
[redacted]	P174.US		DHCP-CLIPS subscribers on last resert interface	[redacted]		[redacted]
[redacted]	P175.US		Adaptive method/algorithm for accurate traffic limit reporting	[redacted]		[redacted]
[redacted]	P176.US		Flexible Mobile IP Foreign Agent Architecture for Enabling Converged Services	[redacted]		[redacted]
[redacted]	P178.US		Optimized Security-Association Database Management on Home/Foreign Agent	[redacted]		[redacted]

[redacted]	Matter #	Ser. No.	Title	[redacted]	Filing Date	[redacted]
[redacted]	P179.US		An event-driven, on-the-fly debugging technique in distributed/network systems consisting of co-operating nodes	[redacted]		[redacted] ;
[redacted]	P177.US		A flexible/scaleable method for subsriber service management	[redacted]		[redacted]
[redacted]			Restartable TCP Sockets	[redacted]		[redacted]
[redacted]			Automatic software correction for distributed finite state machine errors	[redacted]		[redacted]
[redacted]			Generic Mobile Agent State Synchronization Mechanism	[redacted]		[redacted]
[redacted]	(To be filed 10.30)		Method for Floating, Aligning, Centering, Grounding and Blind-mating a Connector Set	[redacted]		[redacted]
[redacted]	(To be filed 10.30)		Methods for providing resiliency on RPF failure in P multicast networks	[redacted]		[redacted]
[redacted]	P180.US		Scalabale Connectivity Fault Management (CFM) in a Bridged/VPLS Environment	[redacted]		[redacted]

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