

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
GENBAND INC.		11/20/2009	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	SIEMENS VENTURE CAPITAL FUND I GMBH
Street Address:	OTTO-HAHN-RING 6
City:	MUENCHEN
State/Country:	GERMANY
Postal Code:	81739
Entity Type:	CORPORATION: GERMANY

Name:	ALCATEL-LUCENT USA INC.
Street Address:	3400 W. PLANO PARKWAY
City:	PLANO
State/Country:	TEXAS
Postal Code:	75075
Entity Type:	CORPORATION: TEXAS

Name:	COLUMBIA PARTNERS, L.L.C. INVESTMENT MANAGEMENT
Street Address:	5425 WISCONSIN AVENUE
Internal Address:	SUITE 700
City:	CHEVY CHASE
State/Country:	MARYLAND
Postal Code:	20815
Entity Type:	LIMITED LIABILITY COMPANY: MARYLAND

Name:	NATIONAL ELECTRICAL BENEFIT FUND
Street Address:	5425 WISCONSIN AVENUE
Internal Address:	SUITE 700
City:	CHEVY CHASE

OP \$915.00 3446876

State/Country:	MARYLAND
Postal Code:	20815
Entity Type:	CORPORATION: MARYLAND

PROPERTY NUMBERS Total: 36

Property Type	Number	Word Mark
Registration Number:	3446876	GENBAND
Serial Number:	77216862	GENBAND G2
Registration Number:	3653287	G9
Registration Number:	2559814	SANTERAONE
Registration Number:	3653286	G9
Serial Number:	77627091	C3
Serial Number:	77627093	S2
Serial Number:	77627100	S3
Serial Number:	77627106	S9
Serial Number:	77627115	GENVIEW
Serial Number:	77627121	DRIVING THE NETWORK EVOLUTION
Serial Number:	77627155	G SERIES
Serial Number:	77627162	C SERIES
Registration Number:	2762269	IQOS
Registration Number:	2832296	GENERAL BANDWIDTH
Registration Number:	2900062	GENERAL BANDWIDTH
Registration Number:	2450844	G6
Registration Number:	2449024	G6
Registration Number:	2449025	
Registration Number:	2643276	NEXTONE COMMUNICATIONS
Registration Number:	3171497	NEXTONE
Registration Number:	3171496	NEXTONE
Serial Number:	78926517	INTELLICONNECT
Registration Number:	3374331	INTELLICONNECT
Registration Number:	3367161	NETWORK WITHOUT LIMITS
Registration Number:	3386856	NETWORK WITHOUT LIMITS
Serial Number:	77151719	IMS AT THE EDGE
Serial Number:	77151683	INTELLIGENT EDGE
Serial Number:	77151685	INTELLIGENT IMS AT THE EDGE

Serial Number:	77310770	NEXTPPOINT
Registration Number:	2742813	IQSMS
Registration Number:	2742810	FLOW APPLICATIONS STREAMING TECHNOLOGY
Registration Number:	2743133	IQMON
Registration Number:	2525680	SANTERA
Registration Number:	2845355	S SANTERA
Registration Number:	2972592	NETSCAN

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 038837.000002

DOMESTIC REPRESENTATIVE

Name:
Address Line 1:
Address Line 2:
Address Line 3:
Address Line 4:

NAME OF SUBMITTER: Michael J. Brignati, Ph.D.

Signature: /Michael J. Brignati 60,890/

Date: 12/01/2009

Total Attachments: 116
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is entered into as of November 20, 2009 by and between GENBAND INC., a corporation organized under the laws of the State of Delaware ("Grantor"); and SIEMENS VENTURE CAPITAL FUND I GMBH ("Lender").

RECITALS

A. Grantor and the Lender have entered into that certain Financing and Security Agreement dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Financing Agreement"; capitalized terms used herein are used as defined in the Financing Agreement).

B. The Financing Agreement and certain other Financing Documents contain security agreements under which the Grantor has granted to the Lender, a Lien on, and security interest in, in certain Copyrights, Trademarks and Patents.

C. Lender desire to have its interests in such Copyrights, Trademarks and Patents confirmed by a document identifying the same and in such form that it may be recorded in the United States Patent and Trademark Office and the United States Copyright Office.

D. As collateral security for the Obligations, whether arising under the Financing Documents or otherwise, the Grantor has agreed to assign to Lender the Copyrights, Trademarks and Patents and the goodwill of the business associated therewith.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Financing Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Financing Agreement, Grantor grants and pledges to Lender a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof (the "Intellectual Property Collateral"). Notwithstanding the foregoing, the term "Intellectual Property Collateral" shall not include any rights of Grantor as a licensee of any General Intangibles, Copyrights, Patents or Trademarks to the extent the granting of a security interest therein is prohibited by or would constitute a default under any agreement or document governing such property (but only to the extent such

prohibition is enforceable under applicable Laws); provided that upon the termination or lapsing of any such prohibition, such property shall automatically be part of the Intellectual Property Collateral; and provided further that the provisions of this paragraph shall in no case exclude from the definition of "Intellectual Property Collateral" any Accounts, proceeds of the disposition of any property, or General Intangibles consisting of rights to payment, all of which shall at all times constitute "Intellectual Property Collateral."

This security interest is granted in conjunction with the security interest granted to Lender under the Financing Agreement. The rights and remedies of the Lender with respect to the security interest granted hereby are in addition to those set forth in the Financing Agreement and the other Financing Documents, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Financing Agreement or any of the Financing Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Lender of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Financing Agreement or any of the other Financing Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Lender, of any or all other rights, powers or remedies.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE]

SCHEDULE A

Copyrights

<u>Copyright</u>	<u>Registration No.</u>	<u>Registration Date</u>
DCO Release 17.3 Software	TX 6-002-716	9/29/2006
DCO Release 19 Software	TX 6-001-903	9/29/2006
DCO Release 22 Software	TXu1-148-476	9/29/2006
FSK Firmware	TX 5-979-406	9/29/2006
DCO Release 21 Software	TX 5-964-504	9/29/2006
RTIF Firmware	TX 5-902-154	9/29/2006
DCO Release 23 Software	TX 5-880-407	9/29/2006
DCO Release 24 Software	TX 5-867-378	9/29/2006
RTC PROM 202050-008 Source Code	TX 6-029-787	9/29/2006

SCHEDULE B

Patents

US	Methods and Systems for Per-Session Dynamic Management of Media Gateway Resources	Issued	10/676,233	10/1/2003	7424025	9/9/2008
PCT	Methods and Systems for Per-Session Dynamic Management of Media Gateway Resources	National	PCT/US2004/032232	9/30/2004		
EPO	Methods and Systems for Per-Session Dynamic Management of Media Gateway Resources	Pending	4789383.9	3/17/2006		
US	Methods and Systems for Per-Session Network Address Translation (NAT) Learning and Firewall Filtering in Media Gateway	Issued	10/676,240	10/1/2003	7380011	5/27/2008
PCT	Methods and Systems for Per-Session Network Address Translation (NAT) Learning and Firewall Filtering in Media Gateway	National	PCT/US04/32272	9/30/2004		
EPO	Methods and Systems for Per-Session Network Address Translation (NAT) Learning and Firewall Filtering in Media Gateway	Pending	4785329.6	3/21/2006		
US	Methods and Systems for Performing Call Handover in a Media Gateway	Issued	10/653,674	9/2/2003	7042859	5/9/2006
PCT	Methods and Systems for Performing Call Handover in a Media Gateway	National	PCT/US04/28546	9/2/2004		
EPO	Methods and Systems for Performing Call Handover in a Media Gateway	Pending	4782940.3	3/8/2006		
US	Methods and Systems for Providing Lawful Intercept of a Media Stream in a Media Gateway	Issued	10/676,234	10/1/2003	7092493	8/15/2006
PCT	Methods and Systems for Providing Lawful Intercept of a Media Stream in a Media Gateway	National	PCT/US04/31919	9/30/2004		

EPO	Methods and Systems for Providing Lawful Intercept of a Media Stream in a Media Gateway	Pending	4789214.6	3/24/2006		
US	Methods and Systems for Providing Transport of Media Gateway Control Commands Using High-Level Datalink Control (HDLC) Protocol	Abandoned	10/714,106	11/14/2003		
PCT	Methods and Systems for Providing Transport of Media Gateway Control Commands Using High-Level Datalink Control (HDLC) Protocol	Abandoned	PCT/US04/37609	11/12/2004		
US	Multi-Path, Adaptive Load Balancing in Network-Wide Traffic Engineering	Converted	60/526,126	12/1/2003		
US	Methods, Systems, and Computer Program Products for Voice Over IP (VOIP) Traffic Engineering and Path Resilience Using Media Gateway and Associated Next-Hop Routers	Pending	10/943,513	9/17/2004		
PCT	VOIP Traffic Engineering and Path Resilience Using Media Gateway Including Next-Hop Routers	National	PCT/US2004/31918	9/30/2004		
EPO	VOIP Traffic Engineering and Path Resilience Using Media Gateway Including Next-Hop Routers	Pending	4789213.8	3/29/2006		
US	Methods, Systems, and Computer Program Products for Voice Over IP (VOIP) Traffic Engineering and Path Resilience Using Network-Aware Media Gateway	Issued	10/943,275	9/17/2004	6956820	10/18/2005
PCT	Methods, Systems and Computer Program Products For Voice Over IP (VoIP) Traffic Engineering And Path Resilience Using Network-Aware Media Gateway	National	PCT/US04/31920	9/30/2004		
EPO	Voice Over IP Media Gateway	Pending	4789215.3	4/18/2006		
US	Method and System for Load Balanced and Symmetric Path Computations for VoIP Traffic Engineering	Converted	60/748,800	12/9/2005		

US	Methods, Systems, and Computer Program Products for Load Balanced and Symmetric Path Computations for VoIP Traffic Engineering	Pending	11/594,568	11/8/2006		
US	Method and System for Distance-Based Interface-Selection for VoIP Call Setup and for Multi-Path Shortest-Path First Computations for VoIP Traffic...	Converted	60/748,749	12/9/2005		
US	Methods, Systems, and Computer Program Products for Multi-path Shortest-path-first Computations and Distance-based Interface Selection for VoIP Traffic	Issued	11/545,788	10/10/2006	7570594	8/1/2009
US	Methods and Systems for Multi-Path Adaptive Load Balancing and Network Awareness in Network-Wide VoIP Traffic Engineering	Abandoned	60/551,814	3/10/2004		3/10/2005
US	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	Converted	60/412,513	9/20/2002		
PCT	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	National	PCT/US2003/029825	9/18/2003		
EPO	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	Pending	3759387.8	4/20/2005		
US	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	Pending	10/866,217	9/18/2003		
US	Methods and Systems for Providing Session Initiation Protocol (SIP) Trunk Groups	Issued	10/679,808	10/6/2003	6977933	12/20/2005
PCT	Methods and Systems for Providing Session Initiation Protocol (SIP) Trunk Groups	National	PCT/US2004/032760	10/5/2004		
EPO	Methods and Systems for Providing Session Initiation Protocol (SIP) Trunk Groups	Pending	4794199.2	4/11/2006		
US	System Redundancy Architecture for Media Gateway	Halted/Not Filed				

US	Object-Based Operation and Maintenance (OAM) Systems and Related Methods	Converted	60/609,637	9/14/2004		
PCT	Object-Based Operation and Maintenance (OAM) Systems and Related Methods	National	PCT/US2005/032599	9/14/2005		
EPO	Operation and Maintenance (OAM) Systems and Related Methods and Computer Program Products	Pending	5793383.0	4/12/2007		
US	Object-Based Operation and Maintenance (OAM) Systems and Related Methods and Computer Program Products	Pending	11/226,849	9/14/2005		
US	Methods And Systems For Dynamically Adjusting Load Sharing Distributions In Response To Changes In Network Conditions	Converted	60/616,651	10/7/2004		
US	Methods and Systems for Providing Redundancy Protection in a Y-Cable-Based Signal Transmitter Arrangement	Abandoned	10/991,686	11/18/2004		9/16/2008
US	Methods and Systems for Detecting IP Route Failure and for Dynamically Re-Routing VoIP Sessions in.. Response to Failure	Pending	11/015,296	12/17/2004		
PCT	Methods and Systems for Detecting IP Route Failure and for Dynamically Re-Routing VoIP Sessions in Response to Failure	National	PCT/US2005/035892	10/6/2005		
EPO	Methods and Systems for Detecting IP Route Failure and for Dynamically Re-Routing VoIP Sessions in Response to Failure	Pending	5808485.6	5/4/2007		
US	Methods and Systems for Packet Classification with Improved Memory Utilization in a Media Gateway	Issued	11/031,101	1/7/2005	7447220	11/4/2008
US	Methods and Systems for Per-Session Traffic Rate Policing in a Media Gateway	Pending	11/032,592	1/10/2005		
PCT	Methods and Systems for Per-Session Traffic Rate Policing in a Media Gateway	National	PCT/US2005/035890	10/6/2005		
EPO	Methods and Systems for Per-Session Traffic Rate Policing in a Media Gateway	Pending	5810247.6	5/4/2007		

US	Methods and Systems for Measurement-Based Call Admission Control in a Media Gateway	Pending	11/032,562	1/10/2005		
PCT	Methods and Systems for Measurement-Based Call Admission Control in a Media Gateway	National	PCT/US2005/036381	10/7/2005		
EPO	Methods and Systems for Measurement-Based Call Admission Control in a Media Gateway	Pending	5807585.4	5/4/2007		
US	Methods and Systems for Automatic Denial of Service Protection in an IP Device	Pending	11/034,672	1/13/2005		
PCT	Methods and Systems for Automatic Denial of Service Protection in an IP Device	National	PCT/US2005/035891	10/6/2005		
EPO	Methods and Systems for Automatic Denial of Service Protection in an IP Device	Pending	5808888.1	5/4/2007		
US	Methods and Systems for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless Entities	Converted	60/637,431	12/17/2004		
PCT	Methods, Systems, and Computer Program Products for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless...	National	PCT/US2005/041930	11/18/2005		
EPO	Methods, Systems, and Computer Program Products for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless...	Pending	5851854.9	7/17/2007		
US	Methods, Systems, and Computer Program Products for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless Entit	Issued	11/055,183	2/10/2005	7477623	1/13/2009
US	Using SIP Event Package for Hookflash Notification to Support Legacy Class 5 Feature	Abandoned	60/637,427	12/17/2004		12/17/2005

US	Methods, Systems, and Computer Program Products for Dynamic Blocking and Unblocking of Media Over Packet Resources	Issued	11/108,353	4/18/2005	7613111	11/3/2009
PCT	Methods, Systems, and Computer Program Products for Dynamic Blocking and Unblocking of Media Over Packet Resources	Abandoned	PCT/US2006/013669	4/11/2006		
US	Methods and Systems for Dynamic Load Balancing Between Call Processors	Pending	11/047,264	1/31/2005		
US	Methods, Systems, and Computer Program Products for Providing Time Division Multiplexed (TDM) Terminating Service in a Packet Network	Converted	60/654,548	2/18/2005		
PCT	Methods, Systems, and Computer Program Products for Providing Time Division Multiplexed (TDM) Terminating Service in a Packet Network	Abandoned	PCT/US2006/005993	2/21/2006		
US	Methods, Systems, and Computer Program Products for Providing Time Division Multiplexed (TDM) Terminating Service in a Packet Network	Pending	11/358,944	2/21/2006		
US	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	Pending	11/207,572	8/19/2005		
PCT	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	National	PCT/US2006/032484	8/18/2006		
China	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	Pending	200680038614.2	4/17/2008		
EPO	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	Pending	6813571.4	2/22/2008		
US	Methods, Systems, and Computer Program Products for Transporting ATM Cells in a Device Having an Ethernet Switching Fabric	Pending	11/138,990	5/26/2005		
PCT	Methods, Systems, and Computer Program Products for Transporting ATM Cells in a Device Having an Ethernet	Abandoned	PCT/US2006/020253	5/25/2006		

	Switching Fabric					
US	Methods, Systems, and Computer Program Products for Implementing Automatic Protection Switching for Media Packets Transmitted Over an Ethernet Switching Fabric	Pending	11/139,019	5/26/2005		
PCT	Methods, Systems, and Computer Program Products for Implementing Automatic Protection Switching for Media Packets Transmitted Over an Ethernet...	Abandoned	PCT/US2006/020456	5/26/2006		
US	NGN Licensing Negotiations	N/A				
US	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	Pending	11/282,970	11/18/2005		
PCT	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	National	PCT/US2006/041073	10/19/2006		
China	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	Pending	200680051298.2	7/17/2008		
EPO	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	Pending	6836426.4	6/18/2008		
US	Methods, Systems, and Computer Program Products for Distributed Resource Allocation Among Clustered Media Gateways in a Communications Network	Pending	11/282,943	11/18/2005		
PCT	Methods, Systems, and Computer Program Products for Distributed Resource Allocation Among Clustered Media Gateways in a Communications Network	Abandoned	PCT/US2006/041065	10/19/2006		
US	Methods, Systems and Computer Program Products for Providing Call Waiting and Caller ID and for Toggling Between Active and Waiting Calls Using...	Allowed	11/252,975	10/18/2005		

US	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications Systems (UMTS) Call Legs Using a Media Gateway	Converted	60/759,596	1/17/2006		
PCT	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications System (UMTS) Call Legs Using a Media Gateway	National	PCT/US2007/000942	1/12/2007		
China	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications System (UMTS) Call Legs Using a Media Gateway	Pending	200780009550.8	9/17/2008		
EPO	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications System (UMTS) Call Legs Using a Media Gateway	Pending	7716585.0	8/18/2008		
US	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications Systems (UMTS) Call Legs Using a Media Gateway	Pending	11/351,339	2/9/2006		
US	Methods and Procedures of Distributed NIC Card Redundancy Management Systems	Halted/Not Filed				
US	Interface Based Multi-Port Routing Method	Converted	60/765,066	2/3/2006		

US	Methods, Systems, And Computer Program Products For Implementing Link Redundancy In A Media Gateway	Pending	11/702,009	2/2/2007		
US	Method of Optimizing Resource Utilization in Telecommunication 3G Wireless Network	Converted	60/777,132	2/27/2006		
PCT	Method of Optimizing Resource Utilization in Telecommunication 3G Wireless Network	Halted/Not Filed				
US	Methods, Systems, And Computer Program Products For Oversubscription Of Wireless Media Gateway Resources	Pending	11/711,505	2/27/2007		
US	Range Based DN Screening	Converted	60/809,447	5/30/2006		
PCT	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	National	PCT/US2007/012732	5/30/2007		
China	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	Pending		2/1/2009		
EPO	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	Pending	7795485.7	12/30/2008		
US	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	Pending	11/639,445	12/14/2006		
US	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP Device	Issued	11/495,990	7/28/2006	7492767	2/17/2009
PCT	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP Device	National	PCT/US2007/016977	7/30/2007		
China	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP	Pending	Not yet assigned	3/28/2009		

	Device					
EPO	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP Device	Pending	7810882.6	2/27/2009		
US	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Converted	60/837,597	8/11/2006		
PCT	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	National	PCT/US2007/017911	8/13/2007		
China	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Pending	Not yet assigned	4/10/2009		
EPO	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Pending	7836770.3	3/11/2009		
US	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Pending	11/544,455	10/6/2006		
US	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	Converted	60/837,595	8/11/2006		
PCT	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	National	PCT/US2007/017912	8/13/2007		
EPO	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	Pending	7836771.1	3/11/2009		
US	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	Pending	11/544,467	10/6/2006		

US	Methods, Systems, And Computer Program Products For Storing Communication Session Data At A Network Interface Module	Pending	11/580,224	10/12/2006		
PCT	Methods, Systems and Computer Program Products For Storing Communication Session Information At a Network Interface Module	National	PCT/US2007/021832	10/12/2007		
CN	Methods, Systems and Computer Program Products For Storing Communication Session Information At a Network Interface Module	Pending	N/A	6/8/2009		
EPO	Methods, Systems and Computer Program Products For Storing Communication Session Information At a Network Interface Module	Pending	7852713.2	5/12/2009		
US	Method and Apparatus of Dynamic/Flexible Termination ID in Gateway Control Protocols	Converted	60/877,438	12/28/2006		
PCT	Methods, Systems, And Computer Program Products For Providing A Dynamic And Flexible Media Gateway Termination Identifier	Abandoned	PCT/US2007/026443	12/28/2007		
US	Methods, Systems, And Computer Program Products For Providing A Dynamic And Flexible Media Gateway Termination Identifier	Pending	11/965,892	12/28/2007		
US	SID Conversion	Converted	60/877,439	12/28/2006		
PCT	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (Sid) Conversion	National	PCT/US2007/026413	12/28/2007		
CN	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (Sid) Conversion	Pending	Not yet assigned	8/27/2009		
EPO	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (Sid) Conversion	Pending	7868090.7	7/24/2006		
US	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (SID) Conversion	Pending	11/965,994	12/28/2007		

US	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Converted	60/876,497	12/20/2006		
PCT	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	National	PCT/US2007/026036	12/20/2007		
CN	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Pending	200780051506.3	8/19/2009		
EP	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Pending	7863158.7	7/16/2009		
US	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Pending	11/961,658	12/20/2007		
US	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	Converted	60/898,079	1/29/2007		
PCT	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	National	PCT/US2008/001200	1/29/2008		
CN	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	To be filed	N/A	N/A		
EP	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	Pending	8724946.2	8/28/2009		
US	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	Pending	12/021,982	1/29/2008		
USA	Study of Verizon Patents	N/A				
US	Dynamic Loading for Signaling Variants	Converted	60/670,954	4/12/2005		
PCT	Dynamic Loading for Signaling Variants	Abandoned	PCT/US2006/013590	4/11/2006		

US	Dynamic Loading for Signaling Variants	Pending	11/334,513	1/18/2006		
US	System and Method for Load Sharing Among a Plurality of Resources	Pending	11/112,585	4/22/2005		
PCT	System and Method for Load Sharing Among a Plurality of Resources	Abandoned	PCT/IB2006/000961	4/21/2006		
US	Mobility Manager	Converted	60/621,071	10/22/2004		
PCT	Mobility Management Apparatus and Methods	National	PCT/US2005/037815	10/21/2005		
China	Mobility Management Apparatus and Methods	Pending	200580043559.1	6/18/2007		
EPO	Mobility Management Apparatus and Methods	Pending	5815092.1	4/20/2007		
US	Mobility Management Apparatus and Methods	Pending	11/255,467	10/21/2005		
US	Data Communication Via Translation Map Exchange	Abandoned	10/809,963	3/26/2004		2/23/2009
US	System Level / Wireless Media Gateway	Converted	60/611,221	9/18/2004		
US	Apparatus and Methods for Per-Session Switching for Multiple Wireline and Wireless Data Types	Pending	11/121,626	5/4/2005		
US	Methods and Apparatus for Generating Session Detail Records	Issued	11/109,337	4/19/2005	7453893	11/18/2008
US	QoS Measurement with Split-Path Zero-Latency Virtual Jitter Buffer	Pending	11/081,998	3/16/2005		

US	UMTS Call Handling Methods and Apparatus	Pending	11/230,029	9/19/2005		
US	System and Method for Distributed Multi-Party Call Control	Converted	60/234,852	9/22/2000		
PCT	System and Method for Distributed Multi-Party Call Control	National	PCT/US2001/029978	9/24/2001		
China	System and Method for Distributed Multi-Party Call Control	Issued	1819313.7	5/22/2003	ZL0181931 3.7	11/1/2007
EPO	System and Method for Distributed Multi-Party Call Control	Pending	1973505.9	4/22/2003		
US	System and Method for Distributed Multi-Party Call Control	Issued	09/962,915	9/24/2001	7110368	9/19/2006
US	Method of Optimizing Equipment Utilization in Telecommunication Access Network	Issued	09/746,395	12/21/2000	6944191	9/13/2005
PCT	Method of Optimizing Equipment Utilization in Telecommunication Access Network	National	PCT/US2001/050109	12/21/2001		
EPO	Method of Optimizing Equipment Utilization in Telecommunication Access Network	Pending	1991529.7	7/16/2003		
US	Voice Packet Switching System and Method	Issued	09/792,265	2/23/2001	7006489	2/28/2006
PCT	Voice Packet Switching System and Method	National	PCT/US2002/005410	2/22/2002		
China	Voice Packet Switching System and Method	Issued	2808634.1	10/21/2003	ZL0280863 4.1	4/29/2009
EPO	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009

Germany	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
France	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
United Kingdom	Voice Packet Switching System and Method	issued	2709657.7	9/19/2003	1364499	7/1/2009
Sweden	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
US	Voice Packet Switching System and Method	Issued	11/297,941	12/9/2005	7593415	9/22/2009
US	Medium for Calculating an Echo Path Delay	Pending	11/538,384	10/3/2006		
US	Voice Over Multiprotocol Label Switching (VoMPLS)	Converted	60/701,808	7/21/2005		
PCT	Systems and Methods for Voice Over Multiprotocol Label Switching	National	PCT/US2006/028549	7/21/2006		
China	Systems and Methods for Voice Over Multiprotocol Label Switching	Pending	200680034748.7	3/20/2008		
EPO	Systems and Methods for Voice Over Multiprotocol Label Switching	Pending	6788229.0	2/21/2008		
US	Systems and Methods for Voice Over Multiprotocol Label Switching	Pending	11/317,278	12/23/2005		
US	Method, System, and Computer-Readable Medium for Simulating a Converged Network with a Single Media Gateway and Media Gateway Controller	Allowed	11/430,641	5/9/2006		

US	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	Pending	11/242,152	10/3/2005		
PCT	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	National	PCT/US2006/035656	9/14/2006		
China	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	Pending	200680044380.2	5/27/2008		
EPO	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	Pending	6803506.2	4/28/2008		
US	Methods and Apparatus for Interconnection of Media Gateways	Pending	11/132,893	5/19/2005		
US	Method, System, and Computer-Readable Medium for Resource-Based Route Selection	Pending	11/448,999	6/7/2006		
PCT	Method, System, and Computer-Readable Medium for Resource-Based Route Selection	Abandoned	PCT/US2007/070596	6/7/2007		
US	Methods and Systems for Unlicensed Mobile Access (UMA) Realization in a Media Gateway	Converted	60/685,863	5/31/2005		
US	Methods and Systems for Unlicensed Mobile Access Realization in a Media Gateway	Pending	11/443,774	5/31/2006		
US	Network Security Policy Mediation	Pending	11/458,262	7/18/2006		
US	Adaptive Redundancy Protection Scheme	Pending	11/240,317	9/30/2005		
US	System and Method for Routing VoIP Calls	Pending	11/078,531	3/11/2005		
PCT	System and Method for Routing VoIP Calls	Abandoned	PCT/IB2006/000528	3/10/2006		

US	System and Method for Determining Network Quality for VoIP Calls	Pending	11/078,247	3/11/2005		
PCT	System and Method for Determining Network Quality for VoIP Calls	Abandoned	PCT/IB2006/000537	3/10/2006		
US	Call Processing Digit Translation and Characterization	Issued	09/757,735	1/9/2001	6674850	1/6/2004
PCT	Call Processing Digit Translation and Characterization	National	PCT/US2002/001026	1/9/2002		
China	Call Processing Digit Translation and Characterization	Issued	02805976.X	9/19/2003	ZL02805976.X	8/2/2006
EPO	Call Processing Digit Translation and Characterization	Issued	2707475.6	7/7/2003	1350396	3/14/2007
Germany	Call Processing Digit Translation and Characterization	Issued	60218815.6-08	7/7/2003	1350396	3/14/2007
France	Call Processing Digit Translation and Characterization	Issued	2707475.6	7/7/2003	1350396	3/14/2007
United Kingdom	Call Processing Digit Translation and Characterization	Issued	2707475.6	7/7/2003	1350396	3/14/2007
Hong Kong	Call Processing Digit Translation and Characterization	Issued	4102428.4	7/7/2003	1059531	7/27/2007
US	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	09/639,180	8/15/2000	6829351	12/7/2004
PCT	Apparatus and Method of Replacing Telephony Cards Without Down Time	National	PCT/US2001/025487	8/15/2001		
China	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	01814134.X	2/14/2003	ZL01814134.X	10/14/2005

EPO	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	1964020.0	2/14/2003	1310107	6/14/2006
Germany	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	60120714.9	2/14/2003	1310107	6/14/2006
France	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	1964020.0	2/14/2003	1310107	6/14/2006
United Kingdom	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	1964020.0	2/14/2003	1310107	6/14/2006
US	Method of Active Dynamic Resource Assignment in a Telecommunications Network	Issued	09/626,400	7/26/2000	6980511	12/27/2005
PCT	Method of Active Dynamic Resource Assignment in a Telecommunications Network	Abandoned	PCT/US2001/023474	7/25/2001		
US	System and Method for Telephony Call Control	Converted	60/234,861	9/22/2000		
PCT	System and Method for Telephony Call Control	National	PCT/US2001/029977	9/24/2001		
China	System and Method for Telephony Call Control	Issued	1818928.8	5/9/2003	ZL1818928.8	4/8/2009
EPO	System and Method for Telephony Call Control	Pending	1973504.2	4/22/2003		
Hong Kong	System and Method for Telephony Call Control	Pending	4100900.5	2/11/2004		
US	System and Method for Telephony Call Control	Issued	09/962,914	9/24/2001	7162024	1/9/2007
US	System and Methods of Dynamic Load Balancing Across Processor Nodes	Issued	09/845,970	8/24/2000	7016685	3/21/2006

US	Multiple Application Switching Platform	Converted	60/011,570	2/13/1996		
PCT	Multiple Application Switching Platform	National	PCT/US97/01560	2/13/1997		
Canada	Multiple Application Switching Platform	Abandoned	2257876.0	8/13/1998		2/13/2006
US	Multiple Application Switching Platform and Method	Issued	09/125,217	8/13/1998	6381239	4/30/2002
US	Multiple Application Switching Platform and Method	Abandoned	10/134,691	4/30/2002		1/5/2003
US	Hair Pin Elimination	Abandoned	60/751,132	12/16/2005		12/16/2006
US	System, Method, and Computer-Readable Medium for Converging the Representation of Presence States of Multiple Devices of a Single User	Abandoned	60/825,125	9/9/2006		9/9/2007
US	Adaptive Feedback For Session Over Internet Protocol	Pending	11/343,212	1/31/2006		
US	Method And Apparatus For Partitioning Resources Within A Session-Over-Internet-Protocol (Soip) Session Controller	Pending	11/343,211	1/31/2006		
US	Session Data Records And Related Alarming Within A Session Over Internet Protocol (Soip) Network	Pending	11/343,218	1/31/2006		
US	User-Selectable Prioritization Of Calls Within A Session Over Internet Protocol (SOIP) Network	Converted	60/777,242	2/28/2006		
US	Prioritization Within A Session Over Internet Protocol (SOIP) Network	Pending	11/537,316	9/29/2006		

US	Multistage Prioritization Of Packets Within A Session Over Internet Protocol (SOIP) Network	Pending	11/537,329	9/29/2006		
US	Quality Of Service Prioritization Of Internet Protocol Packets Using Session-Aware Components	Pending	11/537,345	9/29/2006		
US	Media Stream Management	Pending	11/314,119	12/21/2005		
PCT	Media Stream Management	National	PCT/US2006/048166	12/19/2006		
EPO	Media Stream Management	Pending	6845686.2	7/21/2008		
US	Method For Responding To Denial Of Service Attacks At The Session Layer Or Above	Pending	11/286,598	11/23/2005		
PCT	Method For Responding To Denial Of Service Attacks At The Session Layer Or Above	Abandoned	PCT/US2006/045009	11/21/2006		
US	Voice Over Ip (Voip) Network Infrastructure Components And Method	Pending	11/026,746	12/31/2004		
PCT	Voice Over Ip (Voip) Network Infrastructure Components And Method	National	PCT/US2005/018870	5/27/2005		
China	VOIP Network Infrastructure Components And Method	Pending	200580048016.9	8/10/2007		
EPO	Voice Over IP (VOIP) Network Infrastructure Components And Method	Pending	5763863.7	6/28/2007		
India	VOIP Network Infrastructure Components And Method	Pending	5066DELNP2007	6/29/2007		
Japan	VOIP Network Infrastructure Components And Method	Pending	2007549342.0	6/28/2007		

US	Methods And Apparatus For Routing Ip Media Data Based On Cost (As Amended)	Pending	11/427,234	6/28/2006		
US	Methods And Apparatus For Controlling Call Admission to a Network Based on Network Resources	Pending	11/427,220	6/28/2006		
US	Methods And Apparatus For Controlling Call Admission To A Network Based On Call Peers	Pending	11/427,200	6/28/2006		
US	Methods And Apparatus For Forwarding Ip Calls Through A Proxy Interface	Pending	11/427,171	6/28/2006		
US	Methods And Apparatus For Multistage Routing Of Packets Using Call Templates	Pending	10/596,904	3/23/2007		
US	Methods And Apparatus For Multistage Routing Of Packets Using Call Templates	Halted/Not Filed				
US	Methods And Apparatus For Controlling Signaling Associated With An Enterprise Private Branch Exchange Within A Session Over Internet Protocol Network	Converted	60/882,717	12/29/2006		
PCT	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	PCT/US2007/068128	5/3/2007		
CN	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	To be assigned	8/27/2009		
EP	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	7761814.8	7/29/2009		
US	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	11/692,375	3/28/2007		
US	Methods And Apparatus For Predictive Global Call Admission Control Within A Session Over Internet Protocol Network	Converted	60/882,253	12/28/2006		

PCT	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	National	PCT/2007/066627	4/13/2007		
CN	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	Pending	To be assigned	8/27/2009		
EP	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	Pending	7760643.2	7/28/2009		
US	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	Allowed	11/690,348	3/23/2007		
US	Methods And Apparatus For Implementing A Pluggable Policy Module Of A Session Border Controller Within A Session Over Internet Protocol Network	Converted	60/882,713	12/29/2006		
PCT	Methods And Apparatus For Implementing A Pluggable Policy Module Within A Session Over Internet Protocol Network	National	PCT/US2007/068129	5/3/2007		
CN	Methods And Apparatus For Implementing A Pluggable Policy Module Within A Session Over Internet Protocol Network	Pending	To be assigned	8/27/2009		
EPO	Methods And Apparatus For Implementing A Pluggable Policy Module Within A Session Over Internet Protocol Network	Pending	7761815.5	7/29/2009		
US	Methods And Apparatus For Implementing A Pluggable Policy Module Of A Session Border Controller Within A Session Over Internet Protocol Network	Pending	11/694,398	3/30/2007		
US	Methods And Apparatus For Dual-Tone Multi-Frequency Signal Conversion Within A Media Over Internet Protocol Network	Pending	11/771,270	6/29/2007		
PCT	Methods And Apparatus For Dual-Tone Multi-Frequency Signal Conversion Within A Media Over Internet Protocol Network	Pending	PCT/US2008/068710	6/30/2008		
US	Methods And Apparatus For Bandwidth Management Within A Media Over Internet Protocol Network Based On A Session Description	Pending	11/864,069	9/28/2007		

PCT	Methods And Apparatus For Bandwidth Management Within A Media Over Internet Protocol Network Based On A Session Description	Pending	PCT/US2008/077986	9/26/2008		
US	Methods And Apparatus For Managing Addresses Related To Virtual Partitions Of A Session Exchange Device	Pending	11/864,206	9/28/2007		
PCT	Methods And Apparatus For Managing Addresses Related To Virtual Partitions Of A Session Exchange Device	Pending	PCT/US2008/077987	9/26/2008		
US	Methods And Apparatus For Dual-Tone Multi-Frequency Signal Analysis Within A Media Over Internet Protocol Network	Pending	11/965,272	12/27/2007		
PCT	Methods And Apparatus For Dual-Tone Multi-Frequency Analysis Within A Media Over Internet Protocol Network	Pending	PCT/US2008/088442	12/29/2008		
US	Adaptive Intelligent Optimal Registration Interval Determination Algorithm Ensuring High Availability	Transferre d	61/141,008	12/29/2008		
US	Methods And Apparatus For Network Traffic Distribution Based On Random Number Values	Pending	12/129,766	5/30/2008		
PCT	Methods And Apparatus For Network Traffic Distribution Based On Random Number Values	Pending	PCT/US2009/045840	6/1/2009		
US	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Issued	09/356,250	7/16/1999	6512764	1/28/2003
PCT	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Abandone d	PCT/US2000/019412	7/14/2000		
US	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Issued	09/491,299	1/25/2000	7099310	8/29/2006
US	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Pending	11/467,357	8/25/2006		

US	Convertible Telecommunications Chassis and Method for Converting Same	Issued	09/804,588	3/12/2001	6483029	11/19/2002
US	Insertion/Extraction Apparatus for Circuit Cards	Issued	09/768,849	1/23/2001	6582241	6/24/2003
US	System and Method for Housing Telecommunications Equipment	Issued	09/578,640	5/26/2000	6297958	10/2/2001
US	System and Method for Communicating Telecommunication Information from a Telecommunication Network to a Broadband Network	Issued	09/724,714	11/28/2000	7385963	6/10/2008
PCT	System and Method for Communicating Telecommunication Information from a Telecommunication Network to a Broadband Network	Halted/Not Filed				
US	System and Method for Communicating Telecommunication Information from a Broadband Network to a Telecommunication Network	Issued	09/724,603	11/28/2000	7184427	2/27/2007
US	System and Method for Communicating Telecommunication Information from a Broadband Network to a Telecommunication Network	Pending	11/679,741	2/27/2007		
US	System and Method for Communicating Telecommunication Information Using Asynchronous Transfer Mode	Issued	09/841,931	4/24/2001	6526046	2/25/2003
US	System and Method for Interfacing Telephony Voice Signals with a Broadband Access Network	Converted	60/289,303	5/7/2001		
US	System and Method for Interfacing Telephony Voice Signals with a Broadband Access Network	Issued	10/131,121	4/23/2002	6879667	4/12/2005
USA	GR-303 Aggregator (GRAG) - Never filed	Halted/Not Filed				
USA	System and Method for Using a Handheld Device to Verify Connectivity and Quality of Voice Over Broadband Services in the Central Office - Never filed	Halted/Not Filed				

USA	Voice Gateway in a Digital Loop Carrier (DLC) Architecture - Never filed	Halted/Not Filed				
USA	Intuitive Auto-Provisioning - Never filed	Halted/Not Filed				
USA	Service Management of a Telecommunications Network - Never filed	Halted/Not Filed				
US	System and Method for Communicating Telecommunication Information Between Customer Premises Equipment and Network Equipment	Issued	09/502,668	2/11/2000	6512762	1/28/2003
PCT	System and Method for Communicating Telecommunication Information Between Customer Premises Equipment and Network Equipment	Abandoned	PCT/US2001/000887	1/10/2001		
US	System and Method for Communicating Telecommunication Information Between a Telecommunication Switch and Customer Premises Equipment	Issued	09/502,670	2/11/2000	6466573	10/15/2002
PCT	System and Method for Communicating Telecommunication Information Between a Telecommunication Switch and Customer Premises Equipment	Abandoned	PCT/US2001/000885	1/10/2001		
US	System and Method for Communicating Telecommunication Information Between Network Equipment and a Plurality of Local Loop Circuits	Issued	09/502,369	2/11/2000	6404763	6/11/2002
PCT	System and Method for Communicating Telecommunication Information Between Network Equipment and a Plurality of Local Loop Circuits	Abandoned	PCT/US2001/000886	1/10/2001		
US	System and Method for Communicating Telecommunication Information Between Customer Premises Equipment and Network Equipment with Greater Reliability	Converted	60/289,421	5/7/2001		

US	System and Method for Reliably Communicating Telecommunication Information	Issued	09/906,914	7/16/2001	6996134	2/7/2006
PCT	System and Method for Reliably Communicating Telecommunication Information	Abandoned	PCT/US2002/013869	3/5/2002		
US	System and Method for Providing Lifeline Telecommunication Service	Issued	09/840,837	4/24/2001	7149182	12/12/2006
US	System and Method for Providing Lifeline Telecommunication Service	Pending	11/609,657	12/12/2006		
US	System and Method for Providing Lifeline Telecommunication Service to Line-powered Customer Premises Equipment	Issued	09/947,038	9/4/2001	7245583	7/17/2007
US	Line-powered Network Interface Device	Issued	10/136,508	7/2/2002	7239628	7/3/2007
US	System and Method for Selecting a Compression Algorithm According to an Available Bandwidth	Issued	09/785,391	2/15/2001	6754221	6/22/2004
PCT	System and Method for Selecting a Compression Algorithm According to an Available Bandwidth	Abandoned	PCT/US2002/004293	2/13/2002		
US	System and Method for Interfacing Between Signaling Protocols	Allowed	09/685,274	10/9/2000		
PCT	System and Method for Interfacing Between Signaling Protocols	Abandoned	PCT/US2001/042600	10/9/2001		
US	System and Method for Interfacing Signaling Information and Voice Traffic	Issued	09/685,762	10/9/2000	6839342	1/4/2005
PCT	System and Method for Interfacing Signaling Information and Voice Traffic	Abandoned	PCT/US2001/031644	10/9/2001		
USA	GR-303 Long Haul Transport Using AAL2 - Never filed	Halted/Not Filed				

US	Backplane Architecture for a Telecommunications System Chassis	Converted	60/289,304	5/7/2001		
US	Backplane Architecture for a Telecommunications System Chassis	Issued	10/079,461	2/21/2002	6862644	3/1/2005
US	System and Method Using Switch Fabric to Support Redundant Network Ports	Converted	60/289,605	5/7/2001		
US	System and Method Using Switch Fabric to Support Redundant Network Ports	Issued	09/969,324	10/2/2001	7170854	1/30/2007
USA	Telephony Line Powering System with Lifeline POTS Capability - Never filed	Halted/Not Filed				
US	System and Method for Testing a Voice Gateway	Issued	10/000,714	10/26/2001	7016340	3/21/2006
PCT	System and Method for Testing a Voice Gateway	Halted/Not Filed				
US	System and Method for Cross Connecting an ATM Network and a Telecommunication Switch	Converted	60/289,420	5/7/2001		
US	System and Method for Cross Connecting an ATM Network and a Telecommunication Switch	Issued	10/140,716	5/7/2002	7120153	10/10/2006
US	Method and System for Converged Service Delivery in a Telecommunications Network	Pending	10/364,010	2/10/2003		
US	Method for Device Addressing Using SNMP Community String-based Routing	Issued	10/112,347	3/29/2002	7167473	1/23/2007
US	Method for Encoding an Interface Index in a SNMP Format	Issued	10/114,581	4/1/2002	7155511	12/26/2006
USA	Fault Correlation in a Telecommunications Management System - Never filed	Halted/Not Filed				

USA	Telecommunications Management System Providing a Uniform Interface for Multiple Protocols - Never filed	Halted/Not Filed				
USA	Telecommunications Management System for Managing Large Numbers of Components - Never filed	Halted/Not Filed				
US	System and Method for Allocating Bandwidth in a Communications Environment	Issued	10/306,904	11/27/2002	7266122	9/4/2007
USA	G2 SIP/BLES Gateway - Never filed	Halted/Not Filed				
US	System and Method for Performing Subscriber Loop Testing in an Optical Network	Converted	60/507,923	10/1/2003		
US	System and Method for Performing Subscriber Loop Testing in an Optical Network	Issued	10/716,324	11/18/2003	7349344	3/25/2008
US	System and Method for Performing Subscriber Loop Testing in an Optical Network	Pending	12/054,143	3/24/2008		
US	Implementing an Emergency Services Solution	Pending	11/678,686	2/26/2007		
PCT	Implementing an Emergency Services Solution	National	PCT/US2008/054941	2/26/2008		
CN	Implementing an Emergency Services Solution	To be filed	Not yet assigned	N/A		
EP	Implementing an Emergency Services Solution	Pending	8730697.3	9/25/2009		
US	Overlay Media Routing On a Best Effort IP Network (never filed)	Halted/Not Filed				
US	Statistics Updating System	Abandoned	09/632,554	8/4/2000		9/18/2002

US	Efficient Counter Retrieval	Abandoned	10/068,147	2/6/2002		9/20/2006
US	Efficient Counter Retrieval - NEVER FILED	Halted/Not Filed				
US	Synchronization Scheme	Abandoned	10/102,169	3/20/2002		10/19/2006
US	Synchronization Scheme	Pending	11/364,018	2/2/2006		
US	Method of Managing and Using Multiple Virtual Private Networks in a Router with a Single Routing Table	Issued	09/461,957	12/15/1999	6594704	7/15/2003
US	Method and Apparatus of Prioritized Weighted Fair Queuing	Abandoned	09/470,312	12/22/1999		5/27/2003
US	Methods, Systems, and Computer Readable Media for Performing Flow Compilation Packet Processing	Pending	61/170,454	4/17/2009		
US	Methods, Systems, and Computer Readable Media for Performing Flow Compilation Packet Processing	Pending	12/475,450	5/29/2009		
US	Instantaneous Failover of Replaceable Cluster Elements	Not yet filed				
US	Methods, Systems, and Computer Readable Media for Maintaining Flow Affinity to Internet Protocol Security (IPSEC) Sessions in a Load-Sharing Security Gateway	Pending	61/171,306	4/21/2009		
US	Methods, Systems, and Computer Readable Media for Maintaining Flow Affinity to Internet Protocol Security (IPSEC) Sessions in a Load-Sharing Security Gateway	Pending	12/467,242	5/15/2009		
US	Methods, Systems, and Computer Readable Media for a Distributed Component Model Architecture (DCMA) in a Session over Internet Protocol (SolP) Network	Pending	61/165,845	4/1/2009		

US	Methods, Systems, and Computer Readable Media for a Distributed Component Model Architecture (DCMA) in a Session over Internet Protocol (SoIP) Network	Not yet filed				
US	Single Sourced Validation Framework for EMS and NE System	Pending	12/506,234	7/20/2009		
US	Adaptive Jitter Buffer Management Based on Packet Statistics for MGW	Pending	12/482,217	6/10/2009		
US	DSP-less Switching in a VoIP Media Gateway	Pending	12/353,655	8/4/2009		
US	A Method to Re-route Calls in Case of Failure of the Next Hop IP Device	Pending	12/554,841	9/4/2009		
US	Methods of High Reliability, Lost Cost 1+1 Automatic Protection Switching for Optical Network Interface Equipment	Pending	12/489,264	6/22/2009		
US	System and Method for Selecting an Optimal Media Adaptation Resource for Latency-Sensitive Applications	Pending	61/236,055	8/21/2009		
US	Load-balancing Algorithm for a NAS Node Selection Function in GSM Networks	Not yet filed				
US	Use of RTSP to Signal ATCA Fabric Redundancy	Not yet filed				
US	G9 Card Guide	Pending	61/243,996	9/18/2009		
US	SBC with Integrated DPI Technology for IPS/IDS	Not yet filed				
General	Patent Investigation re: Kineto Wireless, Inc	Not yet filed	N/A	N/A	N/A	N/A

General	Investigation re: Genband's S2 and S9 Products	Not yet filed	N/A	N/A	N/A	N/A
US	Loose Coupling of MRFC and MRFP for IP-to-IP Transcoding Applications	Not yet filed	N/A	N/A	N/A	N/A

SCHEDULE C

Trademarks

Mark	Country	Serial No.	Filing Date	Reg. No.	Reg. Date
GENBAND	USA	78893494	5/25/2006	3,446,876	6/10/2008
GENBAND	India	1,506,314	11/21/2006		
GENBAND G2	USA	77/216,862	6/27/2007		
GENBAND G2	Brazil	N/A	10/1/2007		
GENBAND G2	Canada	1362805	9/7/2007		
GENBAND G2	China	6286152	9/20/2007		
GENBAND G2	Europe	6313647	9/27/2007	6313647	8/29/2008
GENBAND G2	India	1600904	9/10/2007		
GENBAND G2	Mexico	883527	9/19/2007		
G9	USA	77/464,042	5/2/2008	3,653,287	7/14/2009
G9	Brazil	829965114	10/30/2008		
G9	Canada	1416203	10/28/2008		
G9	China	N/A	10/31/2008		
G9	Europe	7386386	10/30/2008	7386386	10/30/2008
G9	India	1749562	10/31/2008		
G9	Mexico	971551	10/31/2008		
SANTERACONE	USA			2,559,814	4/9/2002
G9 and Design	USA	77/464,021	5/2/2008	3,653,286	7/14/2009
C3	USA	77627091	12/5/2008		
S2	USA	77627093	12/5/2008		
S3	USA	77627100	12/5/2008		
S9	USA	77627106	2/5/2008		

GENVIEW	USA	77627115	12/5/2008		
DRIVING THE NETWORK EVOLUTION	USA	77627121	12/5/2008		
G-SERIES	USA	77627155	12/5/2008		
C SERIES	USA	77627162	12/5/2008		
IGOS	USA	76162,809	11/9/2000	2,762,269	
DCO	USA			1,187,459	1/26/2002
GENERAL BANDWIDTH (Design)	USA	75/929,267	2/28/2000	2,832,296	4/13/2004
GENERAL BANDWIDTH (Design)	Europe	1749167		1749167	8/24/2001
GENERAL BANDWIDTH (Design)	JAPAN			4,538,339	1/25/2002
GENERAL BANDWIDTH	USA	75/780,876	8/20/1999	2,900,062	11/2/2004
GENERAL BANDWIDTH	Canada	1032966		651684	10/27/2005
G6	USA		5/15/2001	2,450,844	
G6 and Design	USA		5/8/2001	2,449,024	
G6 and Design	Europe	1724780		1724780	8/13/2001
Misc. - Design (Overlapping Circles)	USA			2,449,025	5/8/2001
NEXTONE COMMUNICATIONS	USA	75/651,024	3/3/1999	2,643,276	10/29/2002
NEXTONE	USA	78/786,813	1/6/2006	3,171,497	11/14/2006
NEXTONE	Europe	5147038	6/19/2006	5147038	6/28/2007
NEXTONE	India	1465070	6/8/2006		
NEXTONE	JAPAN				
NEXTONE	Mexico	787806	6/9/2006	951712	8/31/2007
NEXTONE	Singapore	T0611355C	6/12/2006	T0611355C	10/5/2006
NEXTONE	USA	78/786,812	1/6/2006	3,171,496	11/14/2006
NEXTONE	India	1465071	6/8/2006		
NEXTONE	Mexico	787809	6/9/2006	951713	8/31/2006
NEXTONE	Singapore	T0611355A	6/12/2006	T0611355A	11/15/2006
INTELLICONNECT	USA	78/926,517			
INTELLICONNECT	USA	78/926,523	7/11/2006	3,374,331	1/22/2008
INTELLICONNECT	Europe	5608948	1/11/2007	5608948	2/4/2008

NETWORK WITHOUT LIMITS	USA	78/926,513	7/11/2006	3,367,181	1/8/2008
NETWORK WITHOUT LIMITS	USA	78/926,509	7/11/2006	3,386,858	2/19/2008
IMS AT THE EDGE	USA	77/151719	4/9/2007		
INTELLIGENT EDGE	USA	77/151683	4/9/2007		
INTELLIGENT IMS AT THE EDGE	USA	77/151685	4/9/2007		
NEXTPPOINT	USA	77/1510,770	10/23/2007		
NEXTPPOINT					
IQ8000	Europe				
IQSMS	USA	76/065,217	6/3/2000	2,742,813	7/29/2003
FLOW APPLICATIONS STREAMING TECHNOLOGY	USA	76/064,800	6/6/2000	2,742,810	7/29/2003
QUARRY TECHNOLOGIES	Europe	2081875	2/9/2001	2081875	10/2/2003
QUARRY TECHNOLOGIES and Design	Europe	2081941	2/9/2001	2081941	3/25/2002
IQMON	USA	76/162,815	11/9/2000	2,743,133	9/9/2003
VOCALDATA	CTM (EUROPE)			11789320	8/28/2001
SANTERA	USA			2,525,680	1/1/2002
S SANTERA and Design	USA			2,845,355	5/25/2004
NETSCAN	USA			2,972,592	7/19/2005
NETSCAN	Taiwan				
OFX	China				
OFX	Taiwan				

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is entered into as of November 20, 2009 by and between GENBAND INC., a corporation organized under the laws of the State of Delaware ("Grantor"); and ALCATEL-LUCENT USA INC. ("Lender").

RECITALS

A. Grantor and the Lender have entered into that certain Financing and Security Agreement dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Financing Agreement"; capitalized terms used herein are used as defined in the Financing Agreement).

B. The Financing Agreement and certain other Financing Documents contain security agreements under which the Grantor has granted to the Lender, a Lien on, and security interest in, in certain Copyrights, Trademarks and Patents.

C. Lender desire to have its interests in such Copyrights, Trademarks and Patents confirmed by a document identifying the same and in such form that it may be recorded in the United States Patent and Trademark Office and the United States Copyright Office.

D. As collateral security for the Obligations, whether arising under the Financing Documents or otherwise, the Grantor has agreed to assign to Lender the Copyrights, Trademarks and Patents and the goodwill of the business associated therewith.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Financing Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Financing Agreement, Grantor grants and pledges to Lender a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof (the "Intellectual Property Collateral"). Notwithstanding the foregoing, the term "Intellectual Property Collateral" shall not include any rights of Grantor as a licensee of any General Intangibles, Copyrights, Patents or Trademarks to the extent the granting of a security interest therein is prohibited by or would constitute a default under any agreement or document governing such property (but only to the extent such prohibition is enforceable under applicable Laws); provided that upon the termination or lapsing

of any such prohibition, such property shall automatically be part of the Intellectual Property Collateral; and provided further that the provisions of this paragraph shall in no case exclude from the definition of "Intellectual Property Collateral" any Accounts, proceeds of the disposition of any property, or General Intangibles consisting of rights to payment, all of which shall at all times constitute "Intellectual Property Collateral."

This security interest is granted in conjunction with the security interest granted to Lender under the Financing Agreement. The rights and remedies of the Lender with respect to the security interest granted hereby are in addition to those set forth in the Financing Agreement and the other Financing Documents, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Financing Agreement or any of the Financing Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Lender of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Financing Agreement or any of the other Financing Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Lender, of any or all other rights, powers or remedies.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE]

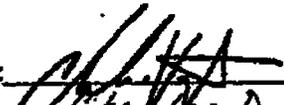
IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

Address of Grantor:

3605 E. Plano Parkway
Plano, Texas 75074
Attn: Shauna Martin, EVP and General
Counsel

GRANTOR:

GENBAND INC.

By: 
Title: President and Chief Executive Officer

Address of Lender:

Attn: _____

LENDER:

ALCATEL-LUCENT USA INC.

By: _____
Title: _____

[Intellectual Property Security Agreement - Alcatel]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

GENBAND INC.

3605 E. Plano Parkway
Plano, Texas 75074
Attn: Shauna Martin, EVP and General
Counsel

By: _____

Title: _____

LENDER:

Address of Lender:

ALCATEL-LUCENT USA INC.

Alcatel-Lucent
3400 W. Plano Parkway
Plano, Texas 75075
Attn: Scott Wolfe

By:  _____

Title: Vice President & CFO

[Signature Page to IP Security Agreement-Alcatel]

TRADEMARK
REEL: 004106 FRAME: 0068

SCHEDULE A

Copyrights

<u>Copyright</u>	<u>Registration No.</u>	<u>Registration Date</u>
DCO Release 17.3 Software	TX 6-002-716	9/29/2006
DCO Release 19 Software	TX 6-001-903	9/29/2006
DCO Release 22 Software	TXu1-148-476	9/29/2006
FSK Firmware	TX 5-979-406	9/29/2006
DCO Release 21 Software	TX 5-964-504	9/29/2006
RTIF Firmware	TX 5-902-154	9/29/2006
DCO Release 23 Software	TX 5-880-407	9/29/2006
DCO Release 24 Software	TX 5-867-378	9/29/2006
RTC PROM 202050-008 Source Code	TX 6-029-787	9/29/2006

SCHEDULE B

Patents

US	Methods and Systems for Per-Session Dynamic Management of Media Gateway Resources	Issued	10/676,233	10/1/2003	7424025	9/9/2008
PCT	Methods and Systems for Per-Session Dynamic Management of Media Gateway Resources	National	PCT/US2004/032232	9/30/2004		
EPO	Methods and Systems for Per-Session Dynamic Management of Media Gateway Resources	Pending	4789383.9	3/17/2006		
US	Methods and Systems for Per-Session Network Address Translation (NAT) Learning and Firewall Filtering in Media Gateway	Issued	10/676,240	10/1/2003	7380011	5/27/2008
PCT	Methods and Systems for Per-Session Network Address Translation (NAT) Learning and Firewall Filtering in Media Gateway	National	PCT/US04/32272	9/30/2004		
EPO	Methods and Systems for Per-Session Network Address Translation (NAT) Learning and Firewall Filtering in Media Gateway	Pending	4785329.6	3/21/2006		
US	Methods and Systems for Performing Call Handover in a Media Gateway	Issued	10/653,674	9/2/2003	7042859	5/9/2006
PCT	Methods and Systems for Performing Call Handover in a Media Gateway	National	PCT/US04/28546	9/2/2004		
EPO	Methods and Systems for Performing Call Handover in a Media Gateway	Pending	4782940.3	3/8/2006		
US	Methods and Systems for Providing Lawful Intercept of a Media Stream in a Media Gateway	Issued	10/676,234	10/1/2003	7092493	8/15/2008
PCT	Methods and Systems for Providing Lawful Intercept of a Media Stream in a Media Gateway	National	PCT/US04/31919	9/30/2004		

EPO	Methods and Systems for Providing Lawful Intercept of a Media Stream in a Media Gateway	Pending	4789214.6	3/24/2006		
US	Methods and Systems for Providing Transport of Media Gateway Control Commands Using High-Level Datalink Control (HDLC) Protocol	Abandoned	10/714,106	11/14/2003		
PCT	Methods and Systems for Providing Transport of Media Gateway Control Commands Using High-Level Datalink Control (HDLC) Protocol	Abandoned	PCT/US04/37609	11/12/2004		
US	Multi-Path, Adaptive Load Balancing in Network-Wide Traffic Engineering	Converted	60/526,126	12/1/2003		
US	Methods, Systems, and Computer Program Products for Voice Over IP (VOIP) Traffic Engineering and Path Resilience Using Media Gateway and Associated Next-Hop Routers	Pending	10/943,513	9/17/2004		
PCT	VOIP Traffic Engineering and Path Resilience Using Media Gateway Including Next-Hop Routers	National	PCT/US2004/31918	9/30/2004		
EPO	VOIP Traffic Engineering and Path Resilience Using Media Gateway Including Next-Hop Routers	Pending	4789213.8	3/29/2006		
US	Methods, Systems, and Computer Program Products for Voice Over IP (VOIP) Traffic Engineering and Path Resilience Using Network-Aware Media Gateway	Issued	10/943,275	9/17/2004	6956820	10/18/2005
PCT	Methods, Systems and Computer Program Products For Voice Over IP (VoIP) Traffic Engineering And Path Resilience Using Network-Aware Media Gateway	National	PCT/US04/31920	9/30/2004		
EPO	Voice Over IP Media Gateway	Pending	4789215.3	4/18/2006		
US	Method and System for Load Balanced and Symmetric Path Computations for VoIP Traffic Engineering	Converted	60/748,800	12/9/2005		

US	Methods, Systems, and Computer Program Products for Load Balanced and Symmetric Path Computations for VoIP Traffic Engineering	Pending	11/594,568	11/8/2006		
US	Method and System for Distance-Based Interface-Selection for VoIP Call Setup and for Multi-Path Shortest-Path First Computations for VoIP Traffic...	Converted	60/748,749	12/9/2005		
US	Methods, Systems, and Computer Program Products for Multi-path Shortest-path-first Computations and Distance-based Interface Selection for VoIP Traffic	Issued	11/545,788	10/10/2006	7570594	8/1/2009
US	Methods and Systems for Multi-Path Adaptive Load Balancing and Network Awareness in Network-Wide VoIP Traffic Engineering	Abandoned	60/551,814	3/10/2004		3/10/2005
US	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	Converted	60/412,513	9/20/2002		
PCT	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	National	PCT/US2003/029825	9/18/2003		
EPO	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	Pending	3759387.8	4/20/2005		
US	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	Pending	10/666,217	9/18/2003		
US	Methods and Systems for Providing Session Initiation Protocol (SIP) Trunk Groups	Issued	10/679,808	10/6/2003	6977933	12/20/2005
PCT	Methods and Systems for Providing Session Initiation Protocol (SIP) Trunk Groups	National	PCT/US2004/032760	10/5/2004		
EPO	Methods and Systems for Providing Session Initiation Protocol (SIP) Trunk Groups	Pending	4794199.2	4/11/2006		
US	System Redundancy Architecture for Media Gateway	Halted/Not Filed				

US	Object-Based Operation and Maintenance (OAM) Systems and Related Methods	Converted	60/609,637	9/14/2004		
PCT	Object-Based Operation and Maintenance (OAM) Systems and Related Methods	National	PCT/US2005/032599	9/14/2005		
EPO	Operation and Maintenance (OAM) Systems and Related Methods and Computer Program Products	Pending	5793383.0	4/12/2007		
US	Object-Based Operation and Maintenance (OAM) Systems and Related Methods and Computer Program Products	Pending	11/226,849	9/14/2005		
US	Methods And Systems For Dynamically Adjusting Load Sharing Distributions In Response To Changes In Network Conditions	Converted	60/616,651	10/7/2004		
US	Methods and Systems for Providing Redundancy Protection in a Y-Cable-Based Signal Transmitter Arrangement	Abandoned	10/991,686	11/18/2004		9/16/2008
US	Methods and Systems for Detecting IP Route Failure and for Dynamically Re-Routing VoIP Sessions in.. Response to Failure	Pending	11/015,296	12/17/2004		
PCT	Methods and Systems for Detecting IP Route Failure and for Dynamically Re-Routing VoIP Sessions in Response to Failure	National	PCT/US2005/035892	10/6/2005		
EPO	Methods and Systems for Detecting IP Route Failure and for Dynamically Re-Routing VoIP Sessions in Response to Failure	Pending	5808485.6	5/4/2007		
US	Methods and Systems for Packet Classification with Improved Memory Utilization in a Media Gateway	Issued	11/031,101	1/7/2005	7447220	11/4/2008
US	Methods and Systems for Per-Session Traffic Rate Policing in a Media Gateway	Pending	11/032,592	1/10/2005		
PCT	Methods and Systems for Per-Session Traffic Rate Policing in a Media Gateway	National	PCT/US2005/035890	10/6/2005		
EPO	Methods and Systems for Per-Session Traffic Rate Policing in a Media Gateway	Pending	5810247.6	5/4/2007		

US	Methods and Systems for Measurement-Based Call Admission Control in a Media Gateway	Pending	11/032,562	1/10/2005		
PCT	Methods and Systems for Measurement-Based Call Admission Control in a Media Gateway	National	PCT/US2005/036381	10/7/2005		
EPO	Methods and Systems for Measurement-Based Call Admission Control in a Media Gateway	Pending	5807585.4	5/4/2007		
US	Methods and Systems for Automatic Denial of Service Protection in an IP Device	Pending	11/034,672	1/13/2005		
PCT	Methods and Systems for Automatic Denial of Service Protection in an IP Device	National	PCT/US2005/035891	10/6/2005		
EPO	Methods and Systems for Automatic Denial of Service Protection in an IP Device	Pending	5808888.1	5/4/2007		
US	Methods and Systems for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless Entities	Converted	60/637,431	12/17/2004		
PCT	Methods, Systems, and Computer Program Products for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless...	National	PCT/US2005/041930	11/18/2005		
EPO	Methods, Systems, and Computer Program Products for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless...	Pending	5851854.9	7/17/2007		
US	Methods, Systems, and Computer Program Products for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless Entit	Issued	11/055,183	2/10/2005	7477623	1/13/2009
US	Using SIP Event Package for Hookflash Notification to Support Legacy Class 5 Feature	Abandoned	60/637,427	12/17/2004		12/17/2005

US	Methods, Systems, and Computer Program Products for Dynamic Blocking and Unblocking of Media Over Packet Resources	Issued	11/108,353	4/18/2005	7613111	11/3/2009
PCT	Methods, Systems, and Computer Program Products for Dynamic Blocking and Unblocking of Media Over Packet Resources	Abandoned	PCT/US2006/013669	4/11/2006		
US	Methods and Systems for Dynamic Load Balancing Between Call Processors	Pending	11/047,264	1/31/2005		
US	Methods, Systems, and Computer Program Products for Providing Time Division Multiplexed (TDM) Terminating Service in a Packet Network	Converted	60/654,548	2/18/2005		
PCT	Methods, Systems, and Computer Program Products for Providing Time Division Multiplexed (TDM) Terminating Service in a Packet Network	Abandoned	PCT/US2006/005993	2/21/2006		
US	Methods, Systems, and Computer Program Products for Providing Time Division Multiplexed (TDM) Terminating Service in a Packet Network	Pending	11/358,944	2/21/2006		
US	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	Pending	11/207,572	8/19/2005		
PCT	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	National	PCT/US2006/032484	8/18/2006		
China	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	Pending	200680038614.2	4/17/2008		
EPO	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	Pending	6813571.4	2/22/2008		
US	Methods, Systems, and Computer Program Products for Transporting ATM Cells in a Device Having an Ethernet Switching Fabric	Pending	11/138,990	5/26/2005		
PCT	Methods, Systems, and Computer Program Products for Transporting ATM Cells in a Device Having an Ethernet	Abandoned	PCT/US2006/020253	5/25/2006		

	Switching Fabric					
US	Methods, Systems, and Computer Program Products for Implementing Automatic Protection Switching for Media Packets Transmitted Over an Ethernet Switching Fabric	Pending	11/139,019	5/26/2005		
PCT	Methods, Systems, and Computer Program Products for Implementing Automatic Protection Switching for Media Packets Transmitted Over an Ethernet...	Abandoned	PCT/US2006/020456	5/26/2006		
US	NGN Licensing Negotiations	N/A				
US	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	Pending	11/282,970	11/18/2005		
PCT	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	National	PCT/US2006/041073	10/19/2006		
China	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	Pending	200680051298.2	7/17/2008		
EPO	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	Pending	6836426.4	6/18/2008		
US	Methods, Systems, and Computer Program Products for Distributed Resource Allocation Among Clustered Media Gateways in a Communications Network	Pending	11/282,943	11/18/2005		
PCT	Methods, Systems, and Computer Program Products for Distributed Resource Allocation Among Clustered Media Gateways in a Communications Network	Abandoned	PCT/US2006/041065	10/19/2006		
US	Methods, Systems and Computer Program Products for Providing Call Waiting and Caller ID and for Toggling Between Active and Waiting Calls Using...	Allowed	11/252,975	10/18/2005		

US	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications Systems (UMTS) Call Legs Using a Media Gateway	Converted	60/759,596	1/17/2006		
PCT	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications System (UMTS) Call Legs Using a Media Gateway	National	PCT/US2007/000942	1/12/2007		
China	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications System (UMTS) Call Legs Using a Media Gateway	Pending	200780009550.8	9/17/2008		
EPO	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications System (UMTS) Call Legs Using a Media Gateway	Pending	7716585.0	8/18/2008		
US	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications Systems (UMTS) Call Legs Using a Media Gateway	Pending	11/351,339	2/9/2006		
US	Methods and Procedures of Distributed NIC Card Redundancy Management Systems	Halted/Not Filed				
US	Interface Based Multi-Port Routing Method	Converted	60/765,066	2/3/2006		

US	Methods, Systems, And Computer Program Products For Implementing Link Redundancy In A Media Gateway	Pending	11/702,009	2/2/2007		
US	Method of Optimizing Resource Utilization in Telecommunication 3G Wireless Network	Converted	60/777,132	2/27/2006		
PCT	Method of Optimizing Resource Utilization in Telecommunication 3G Wireless Network	Halted/Not Filed				
US	Methods, Systems, And Computer Program Products For Oversubscription Of Wireless Media Gateway Resources	Pending	11/711,505	2/27/2007		
US	Range Based DN Screening	Converted	60/809,447	5/30/2006		
PCT	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	National	PCT/US2007/012732	5/30/2007		
China	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	Pending		2/1/2009		
EPO	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	Pending	7795485.7	12/30/2008		
US	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	Pending	11/639,445	12/14/2006		
US	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP Device	Issued	11/495,990	7/28/2006	7492767	2/17/2009
PCT	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP Device	National	PCT/US2007/016977	7/30/2007		
China	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP	Pending	Not yet assigned	3/26/2009		

	Device					
EPO	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP Device	Pending	7810882.6	2/27/2009		
US	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Converted	60/837,597	8/11/2006		
PCT	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	National	PCT/US2007/017911	8/13/2007		
China	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Pending	Not yet assigned	4/10/2009		
EPO	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Pending	7836770.3	3/11/2009		
US	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Pending	11/544,455	10/6/2006		
US	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	Converted	60/837,595	8/11/2006		
PCT	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	National	PCT/US2007/017912	8/13/2007		
EPO	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	Pending	7836771.1	3/11/2009		
US	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	Pending	11/544,467	10/6/2006		

US	Methods, Systems, And Computer Program Products For Storing Communication Session Data At A Network Interface Module	Pending	11/580,224	10/12/2006		
PCT	Methods, Systems and Computer Program Products For Storing Communication Session Information At a Network Interface Module	National	PCT/US2007/021832	10/12/2007		
CN	Methods, Systems and Computer Program Products For Storing Communication Session Information At a Network Interface Module	Pending	N/A	6/8/2009		
EPO	Methods, Systems and Computer Program Products For Storing Communication Session Information At a Network Interface Module	Pending	7852713.2	5/12/2009		
US	Method and Apparatus of Dynamic/Flexible Termination ID in Gateway Control Protocols	Converted	60/877,438	12/28/2006		
PCT	Methods, Systems, And Computer Program Products For Providing A Dynamic And Flexible Media Gateway Termination Identifier	Abandoned	PCT/US2007/026443	12/28/2007		
US	Methods, Systems, And Computer Program Products For Providing A Dynamic And Flexible Media Gateway Termination Identifier	Pending	11/965,892	12/28/2007		
US	SID Conversion	Converted	60/877,439	12/28/2006		
PCT	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (Sid) Conversion	National	PCT/US2007/026413	12/28/2007		
CN	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (Sid) Conversion	Pending	Not yet assigned	8/27/2009		
EPO	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (Sid) Conversion	Pending	7868090.7	7/24/2006		
US	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (SID) Conversion	Pending	11/965,994	12/28/2007		

US	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Converted	60/876,497	12/20/2006		
PCT	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	National	PCT/US2007/026036	12/20/2007		
CN	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Pending	200780051506.3	8/19/2009		
EP	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Pending	7863158.7	7/16/2009		
US	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Pending	11/961,658	12/20/2007		
US	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	Converted	60/896,079	1/29/2007		
PCT	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	National	PCT/US2008/001200	1/29/2008		
CN	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	To be filed	N/A	N/A		
EP	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	Pending	8724946.2	8/28/2009		
US	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	Pending	12/021,982	1/29/2008		
USA	Study of Verizon Patents	N/A				
US	Dynamic Loading for Signaling Variants	Converted	60/670,954	4/12/2005		
PCT	Dynamic Loading for Signaling Variants	Abandoned	PCT/US2006/013590	4/11/2006		

US	Dynamic Loading for Signaling Variants	Pending	11/334,513	1/18/2006		
US	System and Method for Load Sharing Among a Plurality of Resources	Pending	11/112,585	4/22/2005		
PCT	System and Method for Load Sharing Among a Plurality of Resources	Abandoned	PCT/IB2006/000961	4/21/2006		
US	Mobility Manager	Converted	60/621,071	10/22/2004		
PCT	Mobility Management Apparatus and Methods	National	PCT/US2005/037815	10/21/2005		
China	Mobility Management Apparatus and Methods	Pending	200580043559.1	6/18/2007		
EPO	Mobility Management Apparatus and Methods	Pending	5815092.1	4/20/2007		
US	Mobility Management Apparatus and Methods	Pending	11/255,467	10/21/2005		
US	Data Communication Via Translation Map Exchange	Abandoned	10/809,963	3/26/2004		2/23/2009
US	System Level / Wireless Media Gateway	Converted	60/611,221	9/18/2004		
US	Apparatus and Methods for Per-Session Switching for Multiple Wireline and Wireless Data Types	Pending	11/121,626	5/4/2005		
US	Methods and Apparatus for Generating Session Detail Records	Issued	11/109,337	4/19/2005	7453893	11/18/2008
US	QoS Measurement with Split-Path Zero-Latency Virtual Jitter Buffer	Pending	11/081,998	3/16/2005		

US	UMTS Call Handling Methods and Apparatus	Pending	11/230,029	9/19/2005		
US	System and Method for Distributed Multi-Party Call Control	Converted	60/234,852	9/22/2000		
PCT	System and Method for Distributed Multi-Party Call Control	National	PCT/US2001/029978	9/24/2001		
China	System and Method for Distributed Multi-Party Call Control	Issued	1819313.7	5/22/2003	ZL0181931 3.7	11/1/2007
EPO	System and Method for Distributed Multi-Party Call Control	Pending	1973505.9	4/22/2003		
US	System and Method for Distributed Multi-Party Call Control	Issued	09/962,915	9/24/2001	7110368	9/19/2006
US	Method of Optimizing Equipment Utilization in Telecommunication Access Network	Issued	09/746,395	12/21/2000	6944191	9/13/2005
PCT	Method of Optimizing Equipment Utilization in Telecommunication Access Network	National	PCT/US2001/050109	12/21/2001		
EPO	Method of Optimizing Equipment Utilization in Telecommunication Access Network	Pending	1991529.7	7/16/2003		
US	Voice Packet Switching System and Method	Issued	09/792,265	2/23/2001	7006489	2/28/2006
PCT	Voice Packet Switching System and Method	National	PCT/US2002/005410	2/22/2002		
China	Voice Packet Switching System and Method	Issued	2808634.1	10/21/2003	ZL0280863 4.1	4/29/2009
EPO	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009

Germany	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
France	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
United Kingdom	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
Sweden	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
US	Voice Packet Switching System and Method	Issued	11/297,941	12/9/2005	7593415	9/22/2009
US	Medium for Calculating an Echo Path Delay	Pending	11/538,384	10/3/2006		
US	Voice Over Multiprotocol Label Switching (VoMPLS)	Converted	60/701,808	7/21/2005		
PCT	Systems and Methods for Voice Over Multiprotocol Label Switching	National	PCT/US2006/028549	7/21/2006		
China	Systems and Methods for Voice Over Multiprotocol Label Switching	Pending	200680034748.7	3/20/2008		
EPO	Systems and Methods for Voice Over Multiprotocol Label Switching	Pending	6788229.0	2/21/2008		
US	Systems and Methods for Voice Over Multiprotocol Label Switching	Pending	11/317,278	12/23/2005		
US	Method, System, and Computer-Readable Medium for Simulating a Converged Network with a Single Media Gateway and Media Gateway Controller	Allowed	11/430,641	5/9/2006		

US	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	Pending	11/242,152	10/3/2005		
PCT	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	National	PCT/US2006/035656	9/14/2006		
China	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	Pending	200680044380.2	5/27/2008		
EPO	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	Pending	6803506.2	4/28/2008		
US	Methods and Apparatus for Interconnection of Media Gateways	Pending	11/132,893	5/19/2005		
US	Method, System, and Computer-Readable Medium for Resource-Based Route Selection	Pending	11/448,999	6/7/2006		
PCT	Method, System, and Computer-Readable Medium for Resource-Based Route Selection	Abandoned	PCT/US2007/070596	6/7/2007		
US	Methods and Systems for Unlicensed Mobile Access (UMA) Realization in a Media Gateway	Converted	60/685,863	5/31/2005		
US	Methods and Systems for Unlicensed Mobile Access Realization in a Media Gateway	Pending	11/443,774	5/31/2006		
US	Network Security Policy Mediation	Pending	11/458,262	7/18/2006		
US	Adaptive Redundancy Protection Scheme	Pending	11/240,317	9/30/2005		
US	System and Method for Routing VoIP Calls	Pending	11/078,531	3/11/2005		
PCT	System and Method for Routing VoIP Calls	Abandoned	PCT/IB2006/000528	3/10/2006		

US	System and Method for Determining Network Quality for VoIP Calls	Pending	11/078,247	3/11/2005		
PCT	System and Method for Determining Network Quality for VoIP Calls	Abandoned	PCT/IB2006/000537	3/10/2006		
US	Call Processing Digit Translation and Characterization	Issued	09/757,735	1/9/2001	6674850	1/6/2004
PCT	Call Processing Digit Translation and Characterization	National	PCT/US2002/001026	1/9/2002		
China	Call Processing Digit Translation and Characterization	Issued	02805976.X	9/19/2003	ZL02805976.X	8/2/2006
EPO	Call Processing Digit Translation and Characterization	Issued	2707475.6	7/7/2003	1350396	3/14/2007
Germany	Call Processing Digit Translation and Characterization	Issued	60218815.6-08	7/7/2003	1350396	3/14/2007
France	Call Processing Digit Translation and Characterization	Issued	2707475.6	7/7/2003	1350396	3/14/2007
United Kingdom	Call Processing Digit Translation and Characterization	Issued	2707475.6	7/7/2003	1350396	3/14/2007
Hong Kong	Call Processing Digit Translation and Characterization	Issued	4102428.4	7/7/2003	1059531	7/27/2007
US	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	09/639,180	8/15/2000	6829351	12/7/2004
PCT	Apparatus and Method of Replacing Telephony Cards Without Down Time	National	PCT/US2001/025487	8/15/2001		
China	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	01814134.X	2/14/2003	ZL01814134.X	10/14/2005

EPO	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	1964020.0	2/14/2003	1310107	6/14/2006
Germany	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	60120714.9	2/14/2003	1310107	6/14/2006
France	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	1964020.0	2/14/2003	1310107	6/14/2006
United Kingdom	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	1964020.0	2/14/2003	1310107	6/14/2006
US	Method of Active Dynamic Resource Assignment in a Telecommunications Network	Issued	09/626,400	7/26/2000	6980511	12/27/2005
PCT	Method of Active Dynamic Resource Assignment in a Telecommunications Network	Abandoned	PCT/US2001/023474	7/25/2001		
US	System and Method for Telephony Call Control	Converted	60/234,861	9/22/2000		
PCT	System and Method for Telephony Call Control	National	PCT/US2001/029977	9/24/2001		
China	System and Method for Telephony Call Control	Issued	1818928.8	5/9/2003	ZL1818928.8	4/8/2009
EPO	System and Method for Telephony Call Control	Pending	1973504.2	4/22/2003		
Hong Kong	System and Method for Telephony Call Control	Pending	4100900.5	2/11/2004		
US	System and Method for Telephony Call Control	Issued	09/962,914	9/24/2001	7162024	1/9/2007
US	System and Methods of Dynamic Load Balancing Across Processor Nodes	Issued	09/645,970	8/24/2000	7016685	3/21/2006

US	Multiple Application Switching Platform	Converted	60/011,570	2/13/1996		
PCT	Multiple Application Switching Platform	National	PCT/US97/01560	2/13/1997		
Canada	Multiple Application Switching Platform	Abandoned	2257876.0	8/13/1998		2/13/2006
US	Multiple Application Switching Platform and Method	Issued	09/125,217	8/13/1998	6381239	4/30/2002
US	Multiple Application Switching Platform and Method	Abandoned	10/134,691	4/30/2002		1/5/2003
US	Hair Pin Elimination	Abandoned	60/751,132	12/16/2005		12/16/2006
US	System, Method, and Computer-Readable Medium for Converging the Representation of Presence States of Multiple Devices of a Single User	Abandoned	60/825,125	9/9/2006		9/9/2007
US	Adaptive Feedback For Session Over Internet Protocol	Pending	11/343,212	1/31/2006		
US	Method And Apparatus For Partitioning Resources Within A Session-Over-Internet-Protocol (Soip) Session Controller	Pending	11/343,211	1/31/2006		
US	Session Data Records And Related Alarming Within A Session Over Internet Protocol (Soip) Network	Pending	11/343,218	1/31/2006		
US	User-Selectable Prioritization Of Calls Within A Session Over Internet Protocol (SOIP) Network	Converted	60/777,242	2/28/2006		
US	Prioritization Within A Session Over Internet Protocol (SOIP) Network	Pending	11/537,316	9/29/2006		

US	Multistage Prioritization Of Packets Within A Session Over Internet Protocol (SOIP) Network	Pending	11/537,329	9/29/2006		
US	Quality Of Service Prioritization Of Internet Protocol Packets Using Session-Aware Components	Pending	11/537,345	9/29/2006		
US	Media Stream Management	Pending	11/314,119	12/21/2005		
PCT	Media Stream Management	National	PCT/US2006/048166	12/19/2006		
EPO	Media Stream Management	Pending	6845686.2	7/21/2008		
US	Method For Responding To Denial Of Service Attacks At The Session Layer Or Above	Pending	11/286,598	11/23/2005		
PCT	Method For Responding To Denial Of Service Attacks At The Session Layer Or Above	Abandoned	PCT/US2006/045009	11/21/2006		
US	Voice Over Ip (Voip) Network Infrastructure Components And Method	Pending	11/026,746	12/31/2004		
PCT	Voice Over Ip (Voip) Network Infrastructure Components And Method	National	PCT/US2005/018870	5/27/2005		
China	VOIP Network Infrastructure Components And Method	Pending	200580048016.9	8/10/2007		
EPO	Voice Over IP (VOIP) Network Infrastructure Components And Method	Pending	5763863.7	6/28/2007		
India	VOIP Network Infrastructure Components And Method	Pending	5068DELNP2007	6/29/2007		
Japan	VOIP Network Infrastructure Components And Method	Pending	2007549342.0	6/28/2007		

US	Methods And Apparatus For Routing Ip Media Data Based On Cost (As Amended)	Pending	11/427,234	6/28/2006		
US	Methods And Apparatus For Controlling Call Admission to a Network Based on Network Resources	Pending	11/427,220	6/28/2006		
US	Methods And Apparatus For Controlling Call Admission To A Network Based On Call Peers	Pending	11/427,200	6/28/2006		
US	Methods And Apparatus For Forwarding Ip Calls Through A Proxy Interface	Pending	11/427,171	6/28/2006		
US	Methods And Apparatus For Multistage Routing Of Packets Using Call Templates	Pending	10/596,904	3/23/2007		
US	Methods And Apparatus For Multistage Routing Of Packets Using Call Templates	Halted/Not Filed				
US	Methods And Apparatus For Controlling Signaling Associated With An Enterprise Private Branch Exchange Within A Session Over Internet Protocol Network	Converted	60/882,717	12/29/2006		
PCT	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	PCT/US2007/068128	5/3/2007		
CN	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	To be assigned	8/27/2009		
EP	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	7761814.8	7/29/2009		
US	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	11/692,375	3/28/2007		
US	Methods And Apparatus For Predictive Global Call Admission Control Within A Session Over Internet Protocol Network	Converted	60/882,253	12/28/2006		

PCT	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	National	PCT/2007/066627	4/13/2007		
CN	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	Pending	To be assigned	8/27/2009		
EP	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	Pending	7760643.2	7/28/2009		
US	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	Allowed	11/690,348	3/23/2007		
US	Methods And Apparatus For Implementing A Pluggable Policy Module Of A Session Border Controller Within A Session Over Internet Protocol Network	Converted	60/882,713	12/29/2006		
PCT	Methods And Apparatus For Implementing A Pluggable Policy Module Within A Session Over Internet Protocol Network	National	PCT/US2007/068129	5/3/2007		
CN	Methods And Apparatus For Implementing A Pluggable Policy Module Within A Session Over Internet Protocol Network	Pending	To be assigned	8/27/2009		
EPO	Methods And Apparatus For Implementing A Pluggable Policy Module Within A Session Over Internet Protocol Network	Pending	7761815.5	7/29/2009		
US	Methods And Apparatus For Implementing A Pluggable Policy Module Of A Session Border Controller Within A Session Over Internet Protocol Network	Pending	11/694,398	3/30/2007		
US	Methods And Apparatus For Dual-Tone Multi-Frequency Signal Conversion Within A Media Over Internet Protocol Network	Pending	11/771,270	6/29/2007		
PCT	Methods And Apparatus For Dual-Tone Multi-Frequency Signal Conversion Within A Media Over Internet Protocol Network	Pending	PCT/US2008/068710	6/30/2008		
US	Methods And Apparatus For Bandwidth Management Within A Media Over Internet Protocol Network Based On A Session Description	Pending	11/864,069	9/28/2007		

PCT	Methods And Apparatus For Bandwidth Management Within A Media Over Internet Protocol Network Based On A Session Description	Pending	PCT/US2008/077986	9/26/2008		
US	Methods And Apparatus For Managing Addresses Related To Virtual Partitions Of A Session Exchange Device	Pending	11/864,206	9/28/2007		
PCT	Methods And Apparatus For Managing Addresses Related To Virtual Partitions Of A Session Exchange Device	Pending	PCT/US2008/077987	9/26/2008		
US	Methods And Apparatus For Dual-Tone Multi-Frequency Signal Analysis Within A Media Over Internet Protocol Network	Pending	11/965,272	12/27/2007		
PCT	Methods And Apparatus For Dual-Tone Multi-Frequency Analysis Within A Media Over Internet Protocol Network	Pending	PCT/US2008/088442	12/29/2008		
US	Adaptive Intelligent Optimal Registration Interval Determination Algorithm Ensuring High Availability	Transferred	61/141,008	12/29/2008		
US	Methods And Apparatus For Network Traffic Distribution Based On Random Number Values	Pending	12/129,766	5/30/2008		
PCT	Methods And Apparatus For Network Traffic Distribution Based On Random Number Values	Pending	PCT/US2009/045840	6/1/2009		
US	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Issued	09/356,250	7/16/1999	6512764	1/28/2003
PCT	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Abandoned	PCT/US2000/019412	7/14/2000		
US	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Issued	09/491,299	1/25/2000	7099310	8/29/2006
US	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Pending	11/467,357	8/25/2006		

US	Convertible Telecommunications Chassis and Method for Converting Same	Issued	09/804,588	3/12/2001	6483029	11/19/2002
US	Insertion/Extraction Apparatus for Circuit Cards	Issued	09/768,849	1/23/2001	6582241	6/24/2003
US	System and Method for Housing Telecommunications Equipment	Issued	09/579,640	5/26/2000	6297958	10/2/2001
US	System and Method for Communicating Telecommunication Information from a Telecommunication Network to a Broadband Network	Issued	09/724,714	11/28/2000	7385963	6/10/2008
PCT	System and Method for Communicating Telecommunication Information from a Telecommunication Network to a Broadband Network	Halted/Not Filed				
US	System and Method for Communicating Telecommunication Information from a Broadband Network to a Telecommunication Network	Issued	09/724,603	11/28/2000	7184427	2/27/2007
US	System and Method for Communicating Telecommunication Information from a Broadband Network to a Telecommunication Network	Pending	11/679,741	2/27/2007		
US	System and Method for Communicating Telecommunication Information Using Asynchronous Transfer Mode	Issued	09/841,931	4/24/2001	6526046	2/25/2003
US	System and Method for Interfacing Telephony Voice Signals with a Broadband Access Network	Converted	60/289,303	5/7/2001		
US	System and Method for Interfacing Telephony Voice Signals with a Broadband Access Network	Issued	10/131,121	4/23/2002	6879667	4/12/2005
USA	GR-303 Aggregator (GRAG) - Never filed	Halted/Not Filed				
USA	System and Method for Using a Handheld Device to Verify Connectivity and Quality of Voice Over Broadband Services in the Central Office - Never filed	Halted/Not Filed				

USA	Voice Gateway in a Digital Loop Carrier (DLC) Architecture - Never filed	Halted/Not Filed				
USA	Intuitive Auto-Provisioning - Never filed	Halted/Not Filed				
USA	Service Management of a Telecommunications Network - Never filed	Halted/Not Filed				
US	System and Method for Communicating Telecommunication Information Between Customer Premises Equipment and Network Equipment	Issued	09/502,668	2/11/2000	6512762	1/28/2003
PCT	System and Method for Communicating Telecommunication Information Between Customer Premises Equipment and Network Equipment	Abandoned	PCT/US2001/000887	1/10/2001		
US	System and Method for Communicating Telecommunication Information Between a Telecommunication Switch and Customer Premises Equipment	Issued	09/502,670	2/11/2000	6466573	10/15/2002
PCT	System and Method for Communicating Telecommunication Information Between a Telecommunication Switch and Customer Premises Equipment	Abandoned	PCT/US2001/000885	1/10/2001		
US	System and Method for Communicating Telecommunication Information Between Network Equipment and a Plurality of Local Loop Circuits	Issued	09/502,369	2/11/2000	6404763	6/11/2002
PCT	System and Method for Communicating Telecommunication Information Between Network Equipment and a Plurality of Local Loop Circuits	Abandoned	PCT/US2001/000886	1/10/2001		
US	System and Method for Communicating Telecommunication Information Between Customer Premises Equipment and Network Equipment with Greater Reliability	Converted	60/289,421	5/7/2001		

US	System and Method for Reliably Communicating Telecommunication Information	Issued	09/906,914	7/16/2001	6996134	2/7/2006
PCT	System and Method for Reliably Communicating Telecommunication Information	Abandoned	PCT/US2002/013869	3/5/2002		
US	System and Method for Providing Lifeline Telecommunication Service	Issued	09/840,837	4/24/2001	7149182	12/12/2006
US	System and Method for Providing Lifeline Telecommunication Service	Pending	11/609,657	12/12/2006		
US	System and Method for Providing Lifeline Telecommunication Service to Line-powered Customer Premises Equipment	Issued	09/947,038	9/4/2001	7245583	7/17/2007
US	Line-powered Network Interface Device	Issued	10/136,508	7/2/2002	7239628	7/3/2007
US	System and Method for Selecting a Compression Algorithm According to an Available Bandwidth	Issued	09/785,391	2/15/2001	6754221	6/22/2004
PCT	System and Method for Selecting a Compression Algorithm According to an Available Bandwidth	Abandoned	PCT/US2002/004293	2/13/2002		
US	System and Method for Interfacing Between Signaling Protocols	Allowed	09/685,274	10/9/2000		
PCT	System and Method for Interfacing Between Signaling Protocols	Abandoned	PCT/US2001/042600	10/9/2001		
US	System and Method for Interfacing Signaling Information and Voice Traffic	Issued	09/685,762	10/9/2000	6839342	1/4/2005
PCT	System and Method for Interfacing Signaling Information and Voice Traffic	Abandoned	PCT/US2001/031644	10/9/2001		
USA	GR-303 Long Haul Transport Using AAL2 - Never filed	Halted/Not Filed				

US	Backplane Architecture for a Telecommunications System Chassis	Converted	60/289,304	5/7/2001		
US	Backplane Architecture for a Telecommunications System Chassis	Issued	10/079,461	2/21/2002	6862644	3/1/2005
US	System and Method Using Switch Fabric to Support Redundant Network Ports	Converted	60/289,605	5/7/2001		
US	System and Method Using Switch Fabric to Support Redundant Network Ports	Issued	09/969,324	10/2/2001	7170854	1/30/2007
USA	Telephony Line Powering System with Lifeline POTS Capability - Never filed	Halted/Not Filed				
US	System and Method for Testing a Voice Gateway	Issued	10/000,714	10/26/2001	7016340	3/21/2006
PCT	System and Method for Testing a Voica Gateway	Halted/Not Filed				
US	System and Method for Cross Connecting an ATM Network and a Telecommunication Switch	Converted	60/289,420	5/7/2001		
US	System and Method for Cross Connecting an ATM Network and a Telecommunication Switch	Issued	10/140,716	5/7/2002	7120153	10/10/2006
US	Method and System for Converged Service Delivery in a Telecommunications Network	Pending	10/364,010	2/10/2003		
US	Method for Device Addressing Using SNMP Community String-based Routing	Issued	10/112,347	3/29/2002	7167473	1/23/2007
US	Method for Encoding an Interface Index in a SNMP Format	Issued	10/114,581	4/1/2002	7155511	12/26/2006
USA	Fault Correlation in a Telecommunications Management System - Never filed	Halted/Not Filed				

USA	Telecommunications Management System Providing a Uniform Interface for Multiple Protocols - Never filed	Halted/Not Filed				
USA	Telecommunications Management System for Managing Large Numbers of Components - Never filed	Halted/Not Filed				
US	System and Method for Allocating Bandwidth in a Communications Environment	Issued	10/306,904	11/27/2002	7266122	9/4/2007
USA	G2 SIP/BLES Gateway - Never filed	Halted/Not Filed				
US	System and Method for Performing Subscriber Loop Testing in an Optical Network	Converted	60/507,923	10/1/2003		
US	System and Method for Performing Subscriber Loop Testing in an Optical Network	Issued	10/716,324	11/18/2003	7349344	3/25/2008
US	System and Method for Performing Subscriber Loop Testing in an Optical Network	Pending	12/054,143	3/24/2008		
US	Implementing an Emergency Services Solution	Pending	11/678,686	2/26/2007		
PCT	Implementing an Emergency Services Solution	National	PCT/US2008/054941	2/26/2008		
CN	Implementing an Emergency Services Solution	To be filed	Not yet assigned	N/A		
EP	Implementing an Emergency Services Solution	Pending	8730697.3	9/25/2009		
US	Overlay Media Routing On a Best Effort IP Network (never filed)	Halted/Not Filed				
US	Statistics Updating System	Abandoned	09/632,554	8/4/2000		9/18/2002

US	Efficient Counter Retrieval	Abandoned	10/068,147	2/6/2002		9/20/2006
US	Efficient Counter Retrieval - NEVER FILED	Halted/Not Filed				
US	Synchronization Scheme	Abandoned	10/102,169	3/20/2002		10/19/2006
US	Synchronization Scheme	Pending	11/364,018	2/2/2006		
US	Method of Managing and Using Multiple Virtual Private Networks in a Router with a Single Routing Table	Issued	09/461,957	12/15/1999	6594704	7/15/2003
US	Method and Apparatus of Prioritized Weighted Fair Queuing	Abandoned	09/470,312	12/22/1999		5/27/2003
US	Methods, Systems, and Computer Readable Media for Performing Flow Compilation Packet Processing	Pending	61/170,454	4/17/2009		
US	Methods, Systems, and Computer Readable Media for Performing Flow Compilation Packet Processing	Pending	12/475,450	5/29/2009		
US	Instantaneous Failover of Replaceable Cluster Elements	Not yet filed				
US	Methods, Systems, and Computer Readable Media for Maintaining Flow Affinity to Internet Protocol Security (IPSEC) Sessions in a Load-Sharing Security Gateway	Pending	61/171,306	4/21/2009		
US	Methods, Systems, and Computer Readable Media for Maintaining Flow Affinity to Internet Protocol Security (IPSEC) Sessions in a Load-Sharing Security Gateway	Pending	12/467,242	5/15/2009		
US	Methods, Systems, and Computer Readable Media for a Distributed Component Model Architecture (DCMA) in a Session over Internet Protocol (SolP) Network	Pending	61/165,845	4/1/2009		

US	Methods, Systems, and Computer Readable Media for a Distributed Component Model Architecture (DCMA) in a Session over Internet Protocol (SoIP) Network	Not yet filed				
US	Single Sourced Validation Framework for EMS and NE System	Pending	12/506,234	7/20/2009		
US	Adaptive Jitter Buffer Management Based on Packet Statistics for MGW	Pending	12/482,217	6/10/2009		
US	DSP-less Switching in a VoIP Media Gateway	Pending	12/353,655	8/4/2009		
US	A Method to Re-route Calls in Case of Failure of the Next Hop IP Device	Pending	12/554,841	9/4/2009		
US	Methods of High Reliability, Lost Cost 1+1 Automatic Protection Switching for Optical Network Interface Equipment	Pending	12/489,264	6/22/2009		
US	System and Method for Selecting an Optimal Media Adaptation Resource for Latency-Sensitive Applications	Pending	61/236,055	8/21/2009		
US	Load-balancing Algorithm for a NAS Node Selection Function in GSM Networks	Not yet filed				
US	Use of RTSP to Signal ATCA Fabric Redundancy	Not yet filed				
US	G9 Card Guide	Pending	61/243,996	9/18/2009		
US	SBC with Integrated DPI Technology for IPS/IDS	Not yet filed				
General	Patent Investigation re: Kineto Wireless, Inc	Not yet filed	N/A	N/A	N/A	N/A

General	Investigation re: Genband's S2 and S9 Products	Not yet filed	N/A	N/A	N/A	N/A
US	Loose Coupling of MRFC and MRFP for IP-to-IP Transcoding Applications	Not yet filed	N/A	N/A	N/A	N/A

SCHEDULE C

Trademarks

Mark	Country	Serial No.	Filing Date	Reg. No.	Reg. Date
GENBAND	USA	78893494	5/25/2006	3,446,876	6/10/2008
GENBAND	India	1,506,314	11/21/2006		
GENBAND G2	USA	77/216,862	6/27/2007		
GENBAND G2	Brazil	N/A	10/1/2007		
GENBAND G2	Canada	1362805	9/7/2007		
GENBAND G2	China	6286152	9/20/2007		
GENBAND G2	Europe	6313647	9/27/2007	6313647	8/29/2008
GENBAND G2	India	1600904	9/10/2007		
GENBAND G2	Mexico	883527	9/19/2007		
G9	USA	77/464,042	5/2/2008	3,653,287	7/14/2009
G9	Brazil	829965114	10/30/2008		
G9	Canada	1416203	10/28/2008		
G9	China	N/A	10/31/2008		
G9	Europe	7386386	10/30/2008	7386386	10/30/2008
G9	India	1749562	10/31/2008		
G9	Mexico	971551	10/31/2008		
SANTERAONE	USA			2,559,814	4/9/2002
G9 and Design	USA	77/464,021	5/2/2008	3,653,286	7/14/2009
G3	USA	77627091	12/5/2008		
S2	USA	77627093	12/5/2008		
S3	USA	77627100	12/5/2008		
S9	USA	77627106	2/5/2008		

GENVIEW	USA	77627115	12/5/2008		
DRIVING THE NETWORK EVOLUTION	USA	77627121	12/5/2008		
G-SERIES	USA	77627155	12/5/2008		
C SERIES	USA	77627162	12/5/2008		
IGOS	USA	76762,809	11/9/2000	2,762,269	
DCO	USA			1,187,459	1/26/2002
GENERAL BANDWIDTH (Design)	USA	75929,267	2/28/2000	2,832,296	4/13/2004
GENERAL BANDWIDTH (Design)	Europe	1749167		1749167	8/24/2001
GENERAL BANDWIDTH (Design)	JAPAN			4,538,339	1/25/2002
GENERAL BANDWIDTH	USA	75780,876	8/20/1999	2,900,062	11/2/2004
GENERAL BANDWIDTH	Canada	1032966		651664	10/27/2005
G6	USA		5/15/2001	2,450,844	
G6 and Design	USA		5/8/2001	2,449,024	
G6 and Design	Europe	1724780		1724780	8/13/2001
Misc. - Design (Overlapping Circles)	USA			2,449,025	5/8/2001
NEXTONE COMMUNICATIONS	USA	75651,024	3/3/1999	2,643,276	10/29/2002
NEXTONE	USA	78786,813	1/6/2006	3,171,497	11/14/2006
NEXTONE	Europe	5147038	6/19/2006	5147038	6/28/2007
NEXTONE	India	1465070	6/8/2006		
NEXTONE	JAPAN				
NEXTONE	Mexico	787808	6/9/2006	951712	8/31/2007
NEXTONE	Singapore	T0611355C	6/12/2006	T0611355C	10/5/2006
NEXTONE	USA	78786,812	1/6/2006	3,171,496	11/14/2006
NEXTONE	India	1465071	6/8/2006		
NEXTONE	Mexico	787809	6/9/2006	951713	8/31/2006
NEXTONE	Singapore	T0611355A	6/12/2006	T0611355A	11/15/2006
INTELLICONNECT	USA	78926,517			
INTELLICONNECT	USA	78926,523	7/11/2006	3,374,331	1/22/2008
INTELLICONNECT	Europe	5608948	1/11/2007	5608948	2/4/2008

NETWORK WITHOUT LIMITS	USA	78/926,513	7/11/2006	3,367,161	1/8/2008
NETWORK WITHOUT LIMITS	USA	78/926,509	7/11/2006	3,366,856	2/19/2008
IMS AT THE EDGE	USA	77/151719	4/9/2007		
INTELLIGENT EDGE	USA	77/151683	4/9/2007		
INTELLIGENT IMS AT THE EDGE	USA	77/151685	4/9/2007		
NEXTPPOINT	USA	77/310,770	10/23/2007		
NEXTPPOINT					
IQ8000	Europe				
IQSMS	USA	76/065,217	6/3/2000	2,742,813	7/29/2003
FLOW APPLICATIONS STREAMING TECHNOLOGY	USA	76/064,800	6/6/2000	2,742,810	7/29/2003
QUARRY TECHNOLOGIES	Europe	2081875	2/9/2001	2081875	10/2/2003
QUARRY TECHNOLOGIES and Design	Europe	2081941	2/9/2001	2081941	3/25/2002
IQMON	USA	76/182,815	11/9/2000	2743133	9/9/2003
VOCALDATA	CTM (EUROPE)			11789320	8/28/2001
SANTERA	USA			2,525,080	1/1/2002
S SANTERA and Design	USA			2,845,355	5/25/2004
NETSCAN	USA			2,972,592	7/19/2005
NETSCAN	Taiwan				
OFX	China				
OFX	Taiwan				

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is entered into as of November 20, 2009 by and among GENBAND INC., a corporation organized under the laws of the State of Delaware ("Grantor"); and NATIONAL ELECTRICAL BENEFIT FUND ("Lender"); and COLUMBIA PARTNERS, L.L.C. INVESTMENT MANAGEMENT, in its capacity as investment manager for Lender ("Investment Manager").

RECITALS

A. Grantor, Investment Manager and the Lender have entered into that certain Financing and Security Agreement dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Financing Agreement"; capitalized terms used herein are used as defined in the Financing Agreement).

B. The Financing Agreement and certain other Financing Documents contain security agreements under which the Grantor has granted to the Investment Manager and Lender, a Lien on, and security interest in, in certain Copyrights, Trademarks and Patents.

C. Investment Manager and Lender desire to have their interests in such Copyrights, Trademarks and Patents confirmed by a document identifying the same and in such form that it may be recorded in the United States Patent and Trademark Office and the United States Copyright Office.

D. As collateral security for the Obligations, whether arising under the Financing Documents or otherwise, the Grantor has agreed to assign to Investment Manager and Lender the Copyrights, Trademarks and Patents and the goodwill of the business associated therewith.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Financing Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Financing Agreement, Grantor grants and pledges to Investment Manager and Lender a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof (the "Intellectual Property Collateral"). Notwithstanding the foregoing, the term "Intellectual Property Collateral" shall not include any rights of Grantor as a licensee of any General Intangibles, Copyrights, Patents or Trademarks to

the extent the granting of a security interest therein is prohibited by or would constitute a default under any agreement or document governing such property (but only to the extent such prohibition is enforceable under applicable Laws); provided that upon the termination or lapsing of any such prohibition, such property shall automatically be part of the Intellectual Property Collateral; and provided further that the provisions of this paragraph shall in no case exclude from the definition of "Intellectual Property Collateral" any Accounts, proceeds of the disposition of any property, or General Intangibles consisting of rights to payment, all of which shall at all times constitute "Intellectual Property Collateral."

This security interest is granted in conjunction with the security interest granted to Investment Manager and Lender under the Financing Agreement. The rights and remedies of the Investment Manager and Lender with respect to the security interest granted hereby are in addition to those set forth in the Financing Agreement and the other Financing Documents, and those which are now or hereafter available to Investment Manager and Lender as a matter of law or equity. Each right, power and remedy of Investment Manager and Lender provided for herein or in the Financing Agreement or any of the Financing Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Investment Manager and Lender of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Financing Agreement or any of the other Financing Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Investment Manager and Lender, of any or all other rights, powers or remedies.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE]

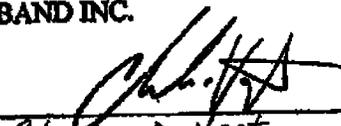
IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

Address of Grantor:

3605 E. Plano Parkway
Plano, Texas 75074
Attn: Shauna Martin, EVP and General
Counsel

GRANTOR:

GENBAND INC.

By: 

Title: Charles D. Vogt
President and Chief Executive Officer

Address of Investment Manager:

5425 Wisconsin Avenue, Suite 700
Chevy Chase, Maryland 20815
Attn: Tom Bain

INVESTMENT MANAGER:

COLUMBIA PARTNERS, L.L.C.
INVESTMENT MANAGEMENT

By: _____

Title: _____

Address of Lender:

c/o Columbia Partners, L.L.C. Investment
Management
5425 Wisconsin Avenue, Suite 700
Chevy Chase, Maryland 20815
Attn: Tom Bain

LENDER:

NATIONAL ELECTRICAL BENEFIT
FUND

By: _____

Title: _____

[Intellectual Property Security Agreement - Columbia]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

GENBAND INC.

3605 E. Plano Parkway
Plano, Texas 75074
Attn: Shauna Martin, EVP and General Counsel

By: _____

Title: _____

INVESTMENT MANAGER:

Address of Investment Manager:

COLUMBIA PARTNERS, L.L.C.
INVESTMENT MANAGEMENT

5425 Wisconsin Avenue, Suite 700
Chevy Chase, Maryland 20815
Attn: Tom Bain

By:  _____

Title: Managing Director

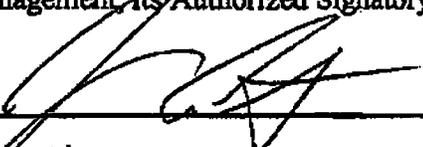
LENDER:

Address of Lender:

NATIONAL ELECTRICAL BENEFIT
FUND

By: Columbia Partners, L.L.C. Investment Management, its Authorized Signatory

c/o Columbia Partners, L.L.C. Investment Management
5425 Wisconsin Avenue, Suite 700
Chevy Chase, Maryland 20815
Attn: Tom Bain

By:  _____

Title: Managing Director

SCHEDULE A

Copyrights

<u>Copyright</u>	<u>Registration No.</u>	<u>Registration Date</u>
DCO Release 17.3 Software	TX 6-002-716	9/29/2006
DCO Release 19 Software	TX 6-001-903	9/29/2006
DCO Release 22 Software	TXu1-148-476	9/29/2006
FSK Firmware	TX 5-979-406	9/29/2006
DCO Release 21 Software	TX 5-964-504	9/29/2006
RTIF Firmware	TX 5-902-154	9/29/2006
DCO Release 23 Software	TX 5-880-407	9/29/2006
DCO Release 24 Software	TX 5-867-378	9/29/2006
RTC PROM 202050-008 Source Code	TX 6-029-787	9/29/2006

SCHEDULE B

Patents

US	Methods and Systems for Per-Session Dynamic Management of Media Gateway Resources	Issued	10/676,233	10/1/2003	7424025	9/9/2008
PCT	Methods and Systems for Per-Session Dynamic Management of Media Gateway Resources	National	PCT/US2004/032232	9/30/2004		
EPO	Methods and Systems for Per-Session Dynamic Management of Media Gateway Resources	Pending	4789383.9	3/17/2006		
US	Methods and Systems for Per-Session Network Address Translation (NAT) Learning and Firewall Filtering in Media Gateway	Issued	10/676,240	10/1/2003	7380011	5/27/2008
PCT	Methods and Systems for Per-Session Network Address Translation (NAT) Learning and Firewall Filtering in Media Gateway	National	PCT/US04/32272	9/30/2004		
EPO	Methods and Systems for Per-Session Network Address Translation (NAT) Learning and Firewall Filtering in Media Gateway	Pending	4785329.6	3/21/2006		
US	Methods and Systems for Performing Call Handover in a Media Gateway	Issued	10/653,674	9/2/2003	7042859	5/9/2006
PCT	Methods and Systems for Performing Call Handover in a Media Gateway	National	PCT/US04/28546	9/2/2004		
EPO	Methods and Systems for Performing Call Handover in a Media Gateway	Pending	4782940.3	3/8/2006		
US	Methods and Systems for Providing Lawful Intercept of a Media Stream in a Media Gateway	Issued	10/676,234	10/1/2003	7092493	8/15/2006
PCT	Methods and Systems for Providing Lawful Intercept of a Media Stream in a Media Gateway	National	PCT/US04/31919	9/30/2004		

EPO	Methods and Systems for Providing Lawful Intercept of a Media Stream in a Media Gateway	Pending	4789214.6	3/24/2006		
US	Methods and Systems for Providing Transport of Media Gateway Control Commands Using High-Level Datalink Control (HDLC) Protocol	Abandoned	10/714,106	11/14/2003		
PCT	Methods and Systems for Providing Transport of Media Gateway Control Commands Using High-Level Datalink Control (HDLC) Protocol	Abandoned	PCT/US04/37609	11/12/2004		
US	Multi-Path, Adaptive Load Balancing in Network-Wide Traffic Engineering	Converted	60/526,126	12/1/2003		
US	Methods, Systems, and Computer Program Products for Voice Over IP (VOIP) Traffic Engineering and Path Resilience Using Media Gateway and Associated Next-Hop Routers	Pending	10/943,513	9/17/2004		
PCT	VOIP Traffic Engineering and Path Resilience Using Media Gateway Including Next-Hop Routers	National	PCT/US2004/31918	9/30/2004		
EPO	VOIP Traffic Engineering and Path Resilience Using Media Gateway Including Next-Hop Routers	Pending	4789213.8	3/29/2006		
US	Methods, Systems, and Computer Program Products for Voice Over IP (VOIP) Traffic Engineering and Path Resilience Using Network-Aware Media Gateway	Issued	10/943,275	9/17/2004	6956820	10/18/2005
PCT	Methods, Systems and Computer Program Products For Voice Over IP (VoIP) Traffic Engineering And Path Resilience Using Network-Aware Media Gateway	National	PCT/US04/31920	9/30/2004		
EPO	Voice Over IP Media Gateway	Pending	4789215.3	4/18/2006		
US	Method and System for Load Balanced and Symmetric Path Computations for VoIP Traffic Engineering	Converted	60/748,800	12/9/2005		

US	Methods, Systems, and Computer Program Products for Load Balanced and Symmetric Path Computations for VoIP Traffic Engineering	Pending	11/594,568	11/8/2006		
US	Method and System for Distance-Based Interface-Selection for VoIP Call Setup and for Multi-Path Shortest-Path First Computations for VoIP Traffic...	Converted	60/748,749	12/9/2005		
US	Methods, Systems, and Computer Program Products for Multi-path Shortest-path-first Computations and Distance-based Interface Selection for VoIP Traffic	Issued	11/545,788	10/10/2006	7570584	8/1/2009
US	Methods and Systems for Multi-Path Adaptive Load Balancing and Network Awareness in Network-Wide VoIP Traffic Engineering	Abandoned	60/551,814	3/10/2004		3/10/2005
US	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	Converted	60/412,513	9/20/2002		
PCT	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	National	PCT/US2003/029825	9/18/2003		
EPO	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	Pending	3759387.8	4/20/2005		
US	Methods and Systems for Locating Redundant Telephony Call Processing Hosts in Geographically Separate Locations	Pending	10/666,217	9/18/2003		
US	Methods and Systems for Providing Session Initiation Protocol (SIP) Trunk Groups	Issued	10/679,808	10/6/2003	6977933	12/20/2005
PCT	Methods and Systems for Providing Session Initiation Protocol (SIP) Trunk Groups	National	PCT/US2004/032760	10/5/2004		
EPO	Methods and Systems for Providing Session Initiation Protocol (SIP) Trunk Groups	Pending	4794199.2	4/11/2006		
US	System Redundancy Architecture for Media Gateway	Halted/Not Filed				

US	Object-Based Operation and Maintenance (OAM) Systems and Related Methods	Converted	60/609,637	9/14/2004		
PCT	Object-Based Operation and Maintenance (OAM) Systems and Related Methods	National	PCT/US2005/032599	9/14/2005		
EPO	Operation and Maintenance (OAM) Systems and Related Methods and Computer Program Products	Pending	5793383.0	4/12/2007		
US	Object-Based Operation and Maintenance (OAM) Systems and Related Methods and Computer Program Products	Pending	11/226,849	9/14/2005		
US	Methods And Systems For Dynamically Adjusting Load Sharing Distributions In Response To Changes In Network Conditions	Converted	60/616,651	10/7/2004		
US	Methods and Systems for Providing Redundancy Protection in a Y-Cable-Based Signal Transmitter Arrangement	Abandoned	10/991,686	11/18/2004		9/16/2008
US	Methods and Systems for Detecting IP Route Failure and for Dynamically Re-Routing VoIP Sessions in.. Response to Failure	Pending	11/015,296	12/17/2004		
PCT	Methods and Systems for Detecting IP Route Failure and for Dynamically Re-Routing VoIP Sessions in Response to Failure	National	PCT/US2005/035892	10/6/2005		
EPO	Methods and Systems for Detecting IP Route Failure and for Dynamically Re-Routing VoIP Sessions in Response to Failure	Pending	5808485.6	5/4/2007		
US	Methods and Systems for Packet Classification with Improved Memory Utilization in a Media Gateway	Issued	11/031,101	1/7/2005	7447220	11/4/2008
US	Methods and Systems for Per-Session Traffic Rate Policing in a Media Gateway	Pending	11/032,592	1/10/2005		
PCT	Methods and Systems for Per-Session Traffic Rate Policing in a Media Gateway	National	PCT/US2005/035890	10/6/2005		
EPO	Methods and Systems for Per-Session Traffic Rate Policing in a Media Gateway	Pending	5810247.6	5/4/2007		

US	Methods and Systems for Measurement-Based Call Admission Control in a Media Gateway	Pending	11/032,562	1/10/2005		
PCT	Methods and Systems for Measurement-Based Call Admission Control in a Media Gateway	National	PCT/US2005/036381	10/7/2005		
EPO	Methods and Systems for Measurement-Based Call Admission Control in a Media Gateway	Pending	5807585.4	5/4/2007		
US	Methods and Systems for Automatic Denial of Service Protection in an IP Device	Pending	11/034,672	1/13/2005		
PCT	Methods and Systems for Automatic Denial of Service Protection in an IP Device	National	PCT/US2005/035891	10/6/2005		
EPO	Methods and Systems for Automatic Denial of Service Protection in an IP Device	Pending	5808888.1	5/4/2007		
US	Methods and Systems for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless Entities	Converted	60/637,431	12/17/2004		
PCT	Methods, Systems, and Computer Program Products for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless...	National	PCT/US2005/041930	11/18/2005		
EPO	Methods, Systems, and Computer Program Products for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless...	Pending	5851854.9	7/17/2007		
US	Methods, Systems, and Computer Program Products for Caching and Re-Using Bearer Channels for Voice-Over-Packet (VoP) Sessions Involving Wireless Entit	Issued	11/055,183	2/10/2005	7477623	1/13/2009
US	Using SIP Event Package for Hookflash Notification to Support Legacy Class 5 Feature	Abandoned	60/637,427	12/17/2004		12/17/2005

US	Methods, Systems, and Computer Program Products for Dynamic Blocking and Unblocking of Media Over Packet Resources	Issued	11/108,353	4/18/2005	7613111	11/3/2009
PCT	Methods, Systems, and Computer Program Products for Dynamic Blocking and Unblocking of Media Over Packet Resources	Abandoned	PCT/US2006/013669	4/11/2006		
US	Methods and Systems for Dynamic Load Balancing Between Call Processors	Pending	11/047,264	1/31/2005		
US	Methods, Systems, and Computer Program Products for Providing Time Division Multiplexed (TDM) Terminating Service in a Packet Network	Converted	60/654,548	2/18/2005		
PCT	Methods, Systems, and Computer Program Products for Providing Time Division Multiplexed (TDM) Terminating Service in a Packet Network	Abandoned	PCT/US2006/005993	2/21/2006		
US	Methods, Systems, and Computer Program Products for Providing Time Division Multiplexed (TDM) Terminating Service in a Packet Network	Pending	11/358,944	2/21/2006		
US	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	Pending	11/207,572	8/19/2005		
PCT	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	National	PCT/US2006/032484	8/18/2006		
China	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	Pending	200680038614.2	4/17/2008		
EPO	Methods, Systems, and Computer Program Products for Supporting Transcoder-Free Operation in Media Gateway	Pending	6813571.4	2/22/2008		
US	Methods, Systems, and Computer Program Products for Transporting ATM Cells in a Device Having an Ethernet Switching Fabric	Pending	11/138,990	5/26/2005		
PCT	Methods, Systems, and Computer Program Products for Transporting ATM Cells in a Device Having an Ethernet	Abandoned	PCT/US2006/020253	5/25/2006		

	Switching Fabric					
US	Methods, Systems, and Computer Program Products for Implementing Automatic Protection Switching for Media Packets Transmitted Over an Ethernet Switching Fabric	Pending	11/139,019	5/26/2005		
PCT	Methods, Systems, and Computer Program Products for Implementing Automatic Protection Switching for Media Packets Transmitted Over an Ethernet...	Abandoned	PCT/US2006/020456	5/26/2006		
US	NGN Licensing Negotiations	N/A				
US	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	Pending	11/282,970	11/18/2005		
PCT	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	National	PCT/US2006/041073	10/19/2006		
China	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	Pending	200680051298.2	7/17/2008		
EPO	Methods, Systems, and Computer Program Products for Session Initiation Protocol (SIP) Fast Switchover	Pending	6836426.4	6/18/2008		
US	Methods, Systems, and Computer Program Products for Distributed Resource Allocation Among Clustered Media Gateways in a Communications Network	Pending	11/282,943	11/18/2005		
PCT	Methods, Systems, and Computer Program Products for Distributed Resource Allocation Among Clustered Media Gateways in a Communications Network	Abandoned	PCT/US2006/041065	10/19/2006		
US	Methods, Systems and Computer Program Products for Providing Call Waiting and Caller ID and for Toggling Between Active and Waiting Calls Using...	Allowed	11/252,975	10/18/2005		

US	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications Systems (UMTS) Call Legs Using a Media Gateway	Converted	60/759,596	1/17/2006		
PCT	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications System (UMTS) Call Legs Using a Media Gateway	National	PCT/US2007/000942	1/12/2007		
China	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications System (UMTS) Call Legs Using a Media Gateway	Pending	200780009550.8	9/17/2008		
EPO	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications System (UMTS) Call Legs Using a Media Gateway	Pending	7716585.0	8/18/2008		
US	Methods, Systems, and Computer Program Products for Providing Transcoder Free Operation (TrFO) and Interworking Between Unlicensed Mobile Access (UMA) and Universal Mobile Telecommunications Systems (UMTS) Call Legs Using a Media Gateway	Pending	11/351,339	2/9/2006		
US	Methods and Procedures of Distributed NIC Card Redundancy Management Systems	Halted/Not Filed				
US	Interface Based Multi-Port Routing Method	Converted	60/765,066	2/3/2006		

US	Methods, Systems, And Computer Program Products For Implementing Link Redundancy In A Media Gateway	Pending	11/702,009	2/2/2007		
US	Method of Optimizing Resource Utilization in Telecommunication 3G Wireless Network	Converted	60/777,132	2/27/2006		
PCT	Method of Optimizing Resource Utilization in Telecommunication 3G Wireless Network	Halted/Not Filed				
US	Methods, Systems, And Computer Program Products For Oversubscription Of Wireless Media Gateway Resources	Pending	11/711,505	2/27/2007		
US	Range Based DN Screening	Converted	60/809,447	5/30/2006		
PCT	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	National	PCT/US2007/012732	5/30/2007		
China	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	Pending		2/1/2009		
EPO	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	Pending	7795485.7	12/30/2008		
US	Methods, Systems, and Computer Program Products For Performing Range-based Directory Number (DN) Screening	Pending	11/639,445	12/14/2006		
US	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP Device	Issued	11/495,990	7/28/2006	7492767	2/17/2009
PCT	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP Device	National	PCT/US2007/016977	7/30/2007		
China	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP	Pending	Not yet assigned	3/26/2009		

	Device					
EPO	Methods, Systems, and Computer Program Products for Throttling Network Address Translation (NAT) Learning Traffic In A Voice Over IP Device	Pending	7810882.6	2/27/2009		
US	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Converted	60/837,597	8/11/2006		
PCT	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	National	PCT/US2007/017911	8/13/2007		
China	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Pending	Not yet assigned	4/10/2009		
EPO	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Pending	7836770.3	3/11/2009		
US	Methods, Systems, and Computer Program Products for Associating Independent Legs of A Call In A Telecommunications Network	Pending	11/544,455	10/6/2006		
US	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	Converted	60/837,595	8/11/2006		
PCT	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	National	PCT/US2007/017912	8/13/2007		
EPO	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	Pending	7836771.1	3/11/2009		
US	Methods, Systems, and Computer Program Products for Hairpin Condition Elimination in a Telecommunications Network	Pending	11/544,467	10/6/2006		

US	Methods, Systems, And Computer Program Products For Storing Communication Session Data At A Network Interface Module	Pending	11/580,224	10/12/2006		
PCT	Methods, Systems and Computer Program Products For Storing Communication Session Information At a Network Interface Module	National	PCT/US2007/021832	10/12/2007		
CN	Methods, Systems and Computer Program Products For Storing Communication Session Information At a Network Interface Module	Pending	N/A	6/8/2009		
EPO	Methods, Systems and Computer Program Products For Storing Communication Session Information At a Network Interface Module	Pending	7852713.2	5/12/2009		
US	Method and Apparatus of Dynamic/Flexible Termination ID in Gateway Control Protocols	Converted	60/877,438	12/28/2006		
PCT	Methods, Systems, And Computer Program Products For Providing A Dynamic And Flexible Media Gateway Termination Identifier	Abandoned	PCT/US2007/026443	12/28/2007		
US	Methods, Systems, And Computer Program Products For Providing A Dynamic And Flexible Media Gateway Termination Identifier	Pending	11/965,892	12/28/2007		
US	SID Conversion	Converted	60/877,439	12/28/2006		
PCT	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (Sid) Conversion	National	PCT/US2007/026413	12/28/2007		
CN	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (Sid) Conversion	Pending	Not yet assigned	8/27/2009		
EPO	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (Sid) Conversion	Pending	7868090.7	7/24/2006		
US	Methods, Systems, And Computer Program Products For Silence Insertion Descriptor (SID) Conversion	Pending	11/965,994	12/28/2007		

US	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Converted	60/876,497	12/20/2006		
PCT	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	National	PCT/US2007/026036	12/20/2007		
CN	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Pending	200780051506.3	8/19/2009		
EP	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Pending	7863158.7	7/16/2009		
US	Methods, Systems, And Computer Program Products for Source-Aware IP Routing At A Media Gateway	Pending	11/961,658	12/20/2007		
US	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	Converted	60/898,079	1/29/2007		
PCT	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	National	PCT/US2008/001200	1/29/2008		
CN	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	To be filed	N/A	N/A		
EP	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	Pending	8724946.2	8/28/2009		
US	Methods, Systems, and Computer Program Products For Synchronizing Subscriber Feature Data Across Multiple Domains	Pending	12/021,982	1/29/2008		
USA	Study of Verizon Patents	N/A				
US	Dynamic Loading for Signaling Variants	Converted	60/670,954	4/12/2005		
PCT	Dynamic Loading for Signaling Variants	Abandoned	PCT/US2006/013590	4/11/2006		

US	Dynamic Loading for Signaling Variants	Pending	11/334,513	1/18/2006		
US	System and Method for Load Sharing Among a Plurality of Resources	Pending	11/112,585	4/22/2005		
PCT	System and Method for Load Sharing Among a Plurality of Resources	Abandoned	PCT/IB2006/000961	4/21/2006		
US	Mobility Manager	Converted	60/621,071	10/22/2004		
PCT	Mobility Management Apparatus and Methods	National	PCT/US2005/037815	10/21/2005		
China	Mobility Management Apparatus and Methods	Pending	200580043559.1	6/18/2007		
EPO	Mobility Management Apparatus and Methods	Pending	5815092.1	4/20/2007		
US	Mobility Management Apparatus and Methods	Pending	11/255,467	10/21/2005		
US	Data Communication Via Translation Map Exchange	Abandoned	10/809,963	3/26/2004		2/23/2009
US	System Level / Wireless Media Gateway	Converted	60/611,221	9/18/2004		
US	Apparatus and Methods for Per-Session Switching for Multiple Wireline and Wireless Data Types	Pending	11/121,626	5/4/2005		
US	Methods and Apparatus for Generating Session Detail Records	Issued	11/109,337	4/19/2005	7453893	11/18/2008
US	QoS Measurement with Split-Path Zero-Latency Virtual Jitter Buffer	Pending	11/081,998	3/16/2005		

US	UMTS Call Handling Methods and Apparatus	Pending	11/230,029	9/19/2005		
US	System and Method for Distributed Multi-Party Call Control	Converted	60/234,852	9/22/2000		
PCT	System and Method for Distributed Multi-Party Call Control	National	PCT/US2001/029978	9/24/2001		
China	System and Method for Distributed Multi-Party Call Control	Issued	1819313.7	5/22/2003	ZL0181931 3.7	11/1/2007
EPO	System and Method for Distributed Multi-Party Call Control	Pending	1973505.9	4/22/2003		
US	System and Method for Distributed Multi-Party Call Control	Issued	09/962,915	9/24/2001	7110368	9/19/2006
US	Method of Optimizing Equipment Utilization in Telecommunication Access Network	Issued	09/746,395	12/21/2000	6944191	9/13/2005
PCT	Method of Optimizing Equipment Utilization in Telecommunication Access Network	National	PCT/US2001/050109	12/21/2001		
EPO	Method of Optimizing Equipment Utilization in Telecommunication Access Network	Pending	1991529.7	7/16/2003		
US	Voice Packet Switching System and Method	Issued	09/792,265	2/23/2001	7006489	2/28/2006
PCT	Voice Packet Switching System and Method	National	PCT/US2002/005410	2/22/2002		
China	Voice Packet Switching System and Method	Issued	2808634.1	10/21/2003	ZL0280863 4.1	4/29/2009
EPO	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009

Germany	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
France	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
United Kingdom	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
Sweden	Voice Packet Switching System and Method	Issued	2709657.7	9/19/2003	1364499	7/1/2009
US	Voice Packet Switching System and Method	Issued	11/297,941	12/9/2005	7593415	9/22/2009
US	Medium for Calculating an Echo Path Delay	Pending	11/538,384	10/3/2006		
US	Voice Over Multiprotocol Label Switching (VoMPLS)	Converted	60/701,808	7/21/2005		
PCT	Systems and Methods for Voice Over Multiprotocol Label Switching	National	PCT/US2006/028549	7/21/2006		
China	Systems and Methods for Voice Over Multiprotocol Label Switching	Pending	200680034748.7	3/20/2008		
EPO	Systems and Methods for Voice Over Multiprotocol Label Switching	Pending	6788229.0	2/21/2008		
US	Systems and Methods for Voice Over Multiprotocol Label Switching	Pending	11/317,278	12/23/2005		
US	Method, System, and Computer-Readable Medium for Simulating a Converged Network with a Single Media Gateway and Media Gateway Controller	Allowed	11/430,641	5/9/2006		

US	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	Pending	11/242,152	10/3/2005		
PCT	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	National	PCT/US2006/035656	9/14/2006		
China	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	Pending	200680044380.2	5/27/2008		
EPO	System, Method, and Computer-Readable Medium for Resource Migration in a Distributed Telecommunication System	Pending	6803506.2	4/28/2008		
US	Methods and Apparatus for Interconnection of Media Gateways	Pending	11/132,893	5/19/2005		
US	Method, System, and Computer-Readable Medium for Resource-Based Route Selection	Pending	11/448,999	6/7/2006		
PCT	Method, System, and Computer-Readable Medium for Resource-Based Route Selection	Abandoned	PCT/US2007/070596	6/7/2007		
US	Methods and Systems for Unlicensed Mobile Access (UMA) Realization in a Media Gateway	Converted	60/685,863	5/31/2005		
US	Methods and Systems for Unlicensed Mobile Access Realization in a Media Gateway	Pending	11/443,774	5/31/2006		
US	Network Security Policy Mediation	Pending	11/458,262	7/18/2006		
US	Adaptive Redundancy Protection Scheme	Pending	11/240,317	9/30/2005		
US	System and Method for Routing VoIP Calls	Pending	11/078,531	3/11/2005		
PCT	System and Method for Routing VoIP Calls	Abandoned	PCT/IB2006/000528	3/10/2006		

US	System and Method for Determining Network Quality for VoIP Calls	Pending	11/078,247	3/11/2005		
PCT	System and Method for Determining Network Quality for VoIP Calls	Abandoned	PCT/IB2006/000537	3/10/2006		
US	Call Processing Digit Translation and Characterization	Issued	09/757,735	1/9/2001	6674850	1/6/2004
PCT	Call Processing Digit Translation and Characterization	National	PCT/US2002/001026	1/9/2002		
China	Call Processing Digit Translation and Characterization	Issued	02805976.X	9/19/2003	ZL02805976.X	8/2/2006
EPO	Call Processing Digit Translation and Characterization	Issued	2707475.6	7/7/2003	1350396	3/14/2007
Germany	Call Processing Digit Translation and Characterization	Issued	60218815.6-08	7/7/2003	1350396	3/14/2007
France	Call Processing Digit Translation and Characterization	Issued	2707475.6	7/7/2003	1350396	3/14/2007
United Kingdom	Call Processing Digit Translation and Characterization	Issued	2707475.6	7/7/2003	1350396	3/14/2007
Hong Kong	Call Processing Digit Translation and Characterization	Issued	4102428.4	7/7/2003	1059531	7/27/2007
US	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	09/639,180	8/15/2000	6829351	12/7/2004
PCT	Apparatus and Method of Replacing Telephony Cards Without Down Time	National	PCT/US2001/025487	8/15/2001		
China	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	01814134.X	2/14/2003	ZL01814134.X	10/14/2005

EPO	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	1964020.0	2/14/2003	1310107	6/14/2006
Germany	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	60120714.9	2/14/2003	1310107	6/14/2006
France	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	1964020.0	2/14/2003	1310107	6/14/2006
United Kingdom	Apparatus and Method of Replacing Telephony Cards Without Down Time	Issued	1964020.0	2/14/2003	1310107	6/14/2006
US	Method of Active Dynamic Resource Assignment in a Telecommunications Network	Issued	09/626,400	7/26/2000	6980511	12/27/2005
PCT	Method of Active Dynamic Resource Assignment in a Telecommunications Network	Abandoned	PCT/US2001/023474	7/25/2001		
US	System and Method for Telephony Call Control	Converted	60/234,861	9/22/2000		
PCT	System and Method for Telephony Call Control	National	PCT/US2001/029977	9/24/2001		
China	System and Method for Telephony Call Control	Issued	1818928.8	5/9/2003	ZL1818928.8	4/8/2009
EPO	System and Method for Telephony Call Control	Pending	1973504.2	4/22/2003		
Hong Kong	System and Method for Telephony Call Control	Pending	4100900.5	2/11/2004		
US	System and Method for Telephony Call Control	Issued	09/962,914	9/24/2001	7162024	1/9/2007
US	System and Methods of Dynamic Load Balancing Across Processor Nodes	Issued	09/645,970	8/24/2000	7016685	3/21/2006

US	Multiple Application Switching Platform	Converted	60/011,570	2/13/1996		
PCT	Multiple Application Switching Platform	National	PCT/US97/01560	2/13/1997		
Canada	Multiple Application Switching Platform	Abandoned	2257876.0	8/13/1998		2/13/2006
US	Multiple Application Switching Platform and Method	Issued	09/125,217	8/13/1998	6381239	4/30/2002
US	Multiple Application Switching Platform and Method	Abandoned	10/134,691	4/30/2002		1/5/2003
US	Hair Pin Elimination	Abandoned	60/751,132	12/16/2005		12/16/2006
US	System, Method, and Computer-Readable Medium for Converging the Representation of Presence States of Multiple Devices of a Single User	Abandoned	60/825,125	9/9/2006		9/9/2007
US	Adaptive Feedback For Session Over Internet Protocol	Pending	11/343,212	1/31/2006		
US	Method And Apparatus For Partitioning Resources Within A Session-Over-Internet-Protocol (Soip) Session Controller	Pending	11/343,211	1/31/2006		
US	Session Data Records And Related Alarming Within A Session Over Internet Protocol (Soip) Network	Pending	11/343,218	1/31/2006		
US	User-Selectable Prioritization Of Calls Within A Session Over Internet Protocol (SOIP) Network	Converted	60/777,242	2/28/2006		
US	Prioritization Within A Session Over Internet Protocol (SOIP) Network	Pending	11/537,316	9/29/2006		

US	Multistage Prioritization Of Packets Within A Session Over Internet Protocol (SOIP) Network	Pending	11/537,329	9/29/2006		
US	Quality Of Service Prioritization Of Internet Protocol Packets Using Session-Aware Components	Pending	11/537,345	9/29/2006		
US	Media Stream Management	Pending	11/314,119	12/21/2005		
PCT	Media Stream Management	National	PCT/US2006/048166	12/19/2006		
EPO	Media Stream Management	Pending	6845686.2	7/21/2008		
US	Method For Responding To Denial Of Service Attacks At The Session Layer Or Above	Pending	11/286,598	11/23/2005		
PCT	Method For Responding To Denial Of Service Attacks At The Session Layer Or Above	Abandoned	PCT/US2006/045009	11/21/2006		
US	Voice Over Ip (Voip) Network Infrastructure Components And Method	Pending	11/026,746	12/31/2004		
PCT	Voice Over Ip (Voip) Network Infrastructure Components And Method	National	PCT/US2005/018870	5/27/2005		
China	VOIP Network Infrastructure Components And Method	Pending	200580048016.9	8/10/2007		
EPO	Voice Over IP (VOIP) Network Infrastructure Components And Method	Pending	5763863.7	6/28/2007		
India	VOIP Network Infrastructure Components And Method	Pending	5066DELNP2007	6/29/2007		
Japan	VOIP Network Infrastructure Components And Method	Pending	2007549342.0	6/28/2007		

US	Methods And Apparatus For Routing Ip Media Data Based On Cost (As Amended)	Pending	11/427,234	6/28/2006		
US	Methods And Apparatus For Controlling Call Admission to a Network Based on Network Resources	Pending	11/427,220	6/28/2006		
US	Methods And Apparatus For Controlling Call Admission To A Network Based On Call Peers	Pending	11/427,200	6/28/2006		
US	Methods And Apparatus For Forwarding Ip Calls Through A Proxy Interface	Pending	11/427,171	6/28/2006		
US	Methods And Apparatus For Multistage Routing Of Packets Using Call Templates	Pending	10/596,904	3/23/2007		
US	Methods And Apparatus For Multistage Routing Of Packets Using Call Templates	Halted/Not Filed				
US	Methods And Apparatus For Controlling Signaling Associated With An Enterprise Private Branch Exchange Within A Session Over Internet Protocol Network	Converted	60/882,717	12/29/2006		
PCT	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	PCT/US2007/068128	5/3/2007		
CN	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	To be assigned	8/27/2009		
EP	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	7761814.8	7/29/2009		
US	Methods And Apparatus For Controlling Signaling Associated With A Private Branch Exchange Within A Session Over Internet Protocol Network	Pending	11/692,375	3/28/2007		
US	Methods And Apparatus For Predictive Global Call Admission Control Within A Session Over Internet Protocol Network	Converted	60/882,253	12/28/2006		

PCT	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	National	PCT/2007/066627	4/13/2007		
CN	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	Pending	To be assigned	8/27/2009		
EP	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	Pending	7760643.2	7/28/2009		
US	Methods And Apparatus For Predictive Call Admission Control Within A Media Over Internet Protocol Network	Allowed	11/690,348	3/23/2007		
US	Methods And Apparatus For Implementing A Pluggable Policy Module Of A Session Border Controller Within A Session Over Internet Protocol Network	Converted	60/882,713	12/29/2006		
PCT	Methods And Apparatus For Implementing A Pluggable Policy Module Within A Session Over Internet Protocol Network	National	PCT/US2007/068129	5/3/2007		
CN	Methods And Apparatus For Implementing A Pluggable Policy Module Within A Session Over Internet Protocol Network	Pending	To be assigned	8/27/2009		
EPO	Methods And Apparatus For Implementing A Pluggable Policy Module Within A Session Over Internet Protocol Network	Pending	7761815.5	7/29/2009		
US	Methods And Apparatus For Implementing A Pluggable Policy Module Of A Session Border Controller Within A Session Over Internet Protocol Network	Pending	11/694,398	3/30/2007		
US	Methods And Apparatus For Dual-Tone Multi-Frequency Signal Conversion Within A Media Over Internet Protocol Network	Pending	11/771,270	6/29/2007		
PCT	Methods And Apparatus For Dual-Tone Multi-Frequency Signal Conversion Within A Media Over Internet Protocol Network	Pending	PCT/US2008/068710	6/30/2008		
US	Methods And Apparatus For Bandwidth Management Within A Media Over Internet Protocol Network Based On A Session Description	Pending	11/864,069	9/28/2007		

PCT	Methods And Apparatus For Bandwidth Management Within A Media Over Internet Protocol Network Based On A Session Description	Pending	PCT/US2008/077986	9/26/2008		
US	Methods And Apparatus For Managing Addresses Related To Virtual Partitions Of A Session Exchange Device	Pending	11/864,206	9/28/2007		
PCT	Methods And Apparatus For Managing Addresses Related To Virtual Partitions Of A Session Exchange Device	Pending	PCT/US2008/077987	9/26/2008		
US	Methods And Apparatus For Dual-Tone Multi-Frequency Signal Analysis Within A Media Over Internet Protocol Network	Pending	11/965,272	12/27/2007		
PCT	Methods And Apparatus For Dual-Tone Multi-Frequency Analysis Within A Media Over Internet Protocol Network	Pending	PCT/US2008/088442	12/29/2008		
US	Adaptive Intelligent Optimal Registration Interval Determination Algorithm Ensuring High Availability	Transferre d	61/141,008	12/29/2008		
US	Methods And Apparatus For Network Traffic Distribution Based On Random Number Values	Pending	12/129,766	5/30/2008		
PCT	Methods And Apparatus For Network Traffic Distribution Based On Random Number Values	Pending	PCT/US2009/045840	6/1/2009		
US	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Issued	09/356,250	7/16/1999	6512764	1/28/2003
PCT	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Abandone d	PCT/US2000/019412	7/14/2000		
US	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Issued	09/491,299	1/25/2000	7099310	8/29/2006
US	Method and Apparatus for Providing Voice Signals to and from a Telecommunications Switch	Pending	11/467,357	8/25/2006		

US	Convertible Telecommunications Chassis and Method for Converting Same	Issued	09/804,588	3/12/2001	6483029	11/19/2002
US	Insertion/Extraction Apparatus for Circuit Cards	Issued	09/768,849	1/23/2001	6582241	6/24/2003
US	System and Method for Housing Telecommunications Equipment	Issued	09/579,640	5/26/2000	6297958	10/2/2001
US	System and Method for Communicating Telecommunication Information from a Telecommunication Network to a Broadband Network	Issued	09/724,714	11/28/2000	7385963	6/10/2008
PCT	System and Method for Communicating Telecommunication Information from a Telecommunication Network to a Broadband Network	Halted/Not Filed				
US	System and Method for Communicating Telecommunication Information from a Broadband Network to a Telecommunication Network	issued	09/724,603	11/28/2000	7184427	2/27/2007
US	System and Method for Communicating Telecommunication Information from a Broadband Network to a Telecommunication Network	Pending	11/679,741	2/27/2007		
US	System and Method for Communicating Telecommunication Information Using Asynchronous Transfer Mode	Issued	09/841,931	4/24/2001	6526046	2/25/2003
US	System and Method for Interfacing Telephony Voice Signals with a Broadband Access Network	Converted	60/289,303	5/7/2001		
US	System and Method for Interfacing Telephony Voice Signals with a Broadband Access Network	Issued	10/131,121	4/23/2002	6879667	4/12/2005
USA	GR-303 Aggregator (GRAG) - Never filed	Halted/Not Filed				
USA	System and Method for Using a Handheld Device to Verify Connectivity and Quality of Voice Over Broadband Services in the Central Office - Never filed	Halted/Not Filed				

USA	Voice Gateway in a Digital Loop Carrier (DLC) Architecture - Never filed	Halted/Not Filed				
USA	Intuitive Auto-Provisioning - Never filed	Halted/Not Filed				
USA	Service Management of a Telecommunications Network - Never filed	Halted/Not Filed				
US	System and Method for Communicating Telecommunication Information Between Customer Premises Equipment and Network Equipment	Issued	09/502,668	2/11/2000	6512762	1/28/2003
PCT	System and Method for Communicating Telecommunication Information Between Customer Premises Equipment and Network Equipment	Abandoned	PCT/US2001/000887	1/10/2001		
US	System and Method for Communicating Telecommunication Information Between a Telecommunication Switch and Customer Premises Equipment	Issued	09/502,670	2/11/2000	6466573	10/15/2002
PCT	System and Method for Communicating Telecommunication Information Between a Telecommunication Switch and Customer Premises Equipment	Abandoned	PCT/US2001/000885	1/10/2001		
US	System and Method for Communicating Telecommunication Information Between Network Equipment and a Plurality of Local Loop Circuits	Issued	09/502,369	2/11/2000	6404763	6/11/2002
PCT	System and Method for Communicating Telecommunication Information Between Network Equipment and a Plurality of Local Loop Circuits	Abandoned	PCT/US2001/000886	1/10/2001		
US	System and Method for Communicating Telecommunication Information Between Customer Premises Equipment and Network Equipment with Greater Reliability	Converted	60/289,421	5/7/2001		

US	System and Method for Reliably Communicating Telecommunication Information	Issued	09/906,914	7/16/2001	6996134	2/7/2006
PCT	System and Method for Reliably Communicating Telecommunication Information	Abandoned	PCT/US2002/013869	3/5/2002		
US	System and Method for Providing Lifeline Telecommunication Service	Issued	09/840,837	4/24/2001	7149182	12/12/2006
US	System and Method for Providing Lifeline Telecommunication Service	Pending	11/609,657	12/12/2006		
US	System and Method for Providing Lifeline Telecommunication Service to Line-powered Customer Premises Equipment	Issued	09/947,038	9/4/2001	7245583	7/17/2007
US	Line-powered Network Interface Device	Issued	10/136,508	7/2/2002	7239628	7/3/2007
US	System and Method for Selecting a Compression Algorithm According to an Available Bandwidth	Issued	09/785,391	2/15/2001	6754221	6/22/2004
PCT	System and Method for Selecting a Compression Algorithm According to an Available Bandwidth	Abandoned	PCT/US2002/004293	2/13/2002		
US	System and Method for Interfacing Between Signaling Protocols	Allowed	09/685,274	10/9/2000		
PCT	System and Method for Interfacing Between Signaling Protocols	Abandoned	PCT/US2001/042600	10/9/2001		
US	System and Method for Interfacing Signaling Information and Voice Traffic	Issued	09/685,762	10/9/2000	6839342	1/4/2005
PCT	System and Method for Interfacing Signaling Information and Voice Traffic	Abandoned	PCT/US2001/031644	10/9/2001		
USA	GR-303 Long Haul Transport Using AAL2 - Never filed	Halted/Not Filed				

US	Backplane Architecture for a Telecommunications System Chassis	Converted	60/289,304	5/7/2001		
US	Backplane Architecture for a Telecommunications System Chassis	Issued	10/079,461	2/21/2002	6862644	3/1/2005
US	System and Method Using Switch Fabric to Support Redundant Network Ports	Converted	60/289,605	5/7/2001		
US	System and Method Using Switch Fabric to Support Redundant Network Ports	Issued	09/969,324	10/2/2001	7170854	1/30/2007
USA	Telephony Line Powering System with Lifeline POTS Capability - Never filed	Halted/Not Filed				
US	System and Method for Testing a Voice Gateway	Issued	10/000,714	10/26/2001	7016340	3/21/2006
PCT	System and Method for Testing a Voice Gateway	Halted/Not Filed				
US	System and Method for Cross Connecting an ATM Network and a Telecommunication Switch	Converted	60/289,420	5/7/2001		
US	System and Method for Cross Connecting an ATM Network and a Telecommunication Switch	Issued	10/140,716	5/7/2002	7120153	10/10/2006
US	Method and System for Converged Service Delivery in a Telecommunications Network	Pending	10/364,010	2/10/2003		
US	Method for Device Addressing Using SNMP Community String-based Routing	Issued	10/112,347	3/29/2002	7167473	1/23/2007
US	Method for Encoding an Interface Index in a SNMP Format	Issued	10/114,581	4/1/2002	7155511	12/26/2006
USA	Fault Correlation in a Telecommunications Management System - Never filed	Halted/Not Filed				

USA	Telecommunications Management System Providing a Uniform Interface for Multiple Protocols - Never filed	Halted/Not Filed				
USA	Telecommunications Management System for Managing Large Numbers of Components - Never filed	Halted/Not Filed				
US	System and Method for Allocating Bandwidth in a Communications Environment	Issued	10/306,904	11/27/2002	7266122	9/4/2007
USA	G2 SIP/BLES Gateway - Never filed	Halted/Not Filed				
US	System and Method for Performing Subscriber Loop Testing in an Optical Network	Converted	60/507,923	10/1/2003		
US	System and Method for Performing Subscriber Loop Testing in an Optical Network	Issued	10/716,324	11/18/2003	7349344	3/25/2008
US	System and Method for Performing Subscriber Loop Testing in an Optical Network	Pending	12/054,143	3/24/2008		
US	Implementing an Emergency Services Solution	Pending	11/678,686	2/26/2007		
PCT	Implementing an Emergency Services Solution	National	PCT/US2008/054941	2/26/2008		
CN	Implementing an Emergency Services Solution	To be filed	Not yet assigned	N/A		
EP	Implementing an Emergency Services Solution	Pending	8730697.3	9/25/2009		
US	Overlay Media Routing On a Best Effort IP Network (never filed)	Halted/Not Filed				
US	Statistics Updating System	Abandoned	09/632,554	8/4/2000		9/18/2002

US	Efficient Counter Retrieval	Abandoned	10/068,147	2/6/2002		9/20/2006
US	Efficient Counter Retrieval - NEVER FILED	Halted/Not Filed				
US	Synchronization Scheme	Abandoned	10/102,169	3/20/2002		10/19/2006
US	Synchronization Scheme	Pending	11/364,018	2/2/2006		
US	Method of Managing and Using Multiple Virtual Private Networks in a Router with a Single Routing Table	Issued	09/461,957	12/15/1999	6594704	7/15/2003
US	Method and Apparatus of Prioritized Weighted Fair Queuing	Abandoned	09/470,312	12/22/1999		5/27/2003
US	Methods, Systems, and Computer Readable Media for Performing Flow Compilation Packet Processing	Pending	61/170,454	4/17/2009		
US	Methods, Systems, and Computer Readable Media for Performing Flow Compilation Packet Processing	Pending	12/475,450	5/29/2009		
US	Instantaneous Failover of Replaceable Cluster Elements	Not yet filed				
US	Methods, Systems, and Computer Readable Media for Maintaining Flow Affinity to Internet Protocol Security (IPSEC) Sessions in a Load-Sharing Security Gateway	Pending	61/171,306	4/21/2009		
US	Methods, Systems, and Computer Readable Media for Maintaining Flow Affinity to Internet Protocol Security (IPSEC) Sessions in a Load-Sharing Security Gateway	Pending	12/467,242	5/15/2009		
US	Methods, Systems, and Computer Readable Media for a Distributed Component Model Architecture (DCMA) in a Session over Internet Protocol (SoIP) Network	Pending	61/165,845	4/1/2009		

US	Methods, Systems, and Computer Readable Media for a Distributed Component Model Architecture (DCMA) in a Session over Internet Protocol (SoIP) Network	Not yet filed				
US	Single Sourced Validation Framework for EMS and NE System	Pending	12/506,234	7/20/2009		
US	Adaptive Jitter Buffer Management Based on Packet Statistics for MGW	Pending	12/482,217	6/10/2009		
US	DSP-less Switching in a VoIP Media Gateway	Pending	12/353,655	8/4/2009		
US	A Method to Re-route Calls in Case of Failure of the Next Hop IP Device	Pending	12/554,841	9/4/2009		
US	Methods of High Reliability, Lost Cost 1+1 Automatic Protection Switching for Optical Network Interface Equipment	Pending	12/489,264	6/22/2009		
US	System and Method for Selecting an Optimal Media Adaptation Resource for Latency-Sensitive Applications	Pending	61/236,055	8/21/2009		
US	Load-balancing Algorithm for a NAS Node Selection Function in GSM Networks	Not yet filed				
US	Use of RTSP to Signal ATCA Fabric Redundancy	Not yet filed				
US	G9 Card Guide	Pending	61/243,996	9/18/2009		
US	SBC with Integrated DPI Technology for IPS/IDS	Not yet filed				
General	Patent Investigation re: Kineto Wireless, Inc	Not yet filed	N/A	N/A	N/A	N/A

General	Investigation re: Genband's S2 and S9 Products	Not yet filed	N/A	N/A	N/A	N/A
US	Loose Coupling of MRFC and MRFP for IP-to-IP Transcoding Applications	Not yet filed	N/A	N/A	N/A	N/A

SCHEDULE C

Trademarks

Mark	Country	Serial No.	Filing Date	Reg. No.	Reg. Date
GENBAND	USA	78893494	5/25/2006	3,446,876	6/10/2008
GENBAND	India	1,506,314	11/21/2006		
GENBAND G2	USA	77216862	6/27/2007		
GENBAND G2	Brazil	N/A	10/1/2007		
GENBAND G2	Canada	1362805	9/7/2007		
GENBAND G2	China	6286152	9/20/2007		
GENBAND G2	Europe	6313647	9/27/2007	6313647	8/29/2008
GENBAND G2	India	1600904	9/10/2007		
GENBAND G2	Mexico	883527	9/19/2007		
G9	USA	77464,042	5/2/2008	3,653,287	7/14/2009
G9	Brazil	829965114	10/30/2008		
G9	Canada	1416203	10/28/2008		
G9	China	N/A	10/31/2008		
G9	Europe	7386386	10/30/2008	7386386	10/30/2008
G9	India	1749562	10/31/2008		
G9	Mexico	971551	10/31/2008		
SANTERAONE	USA			2,559,814	4/9/2002
G9 and Design	USA	77464,021	5/2/2008	3,653,286	7/14/2009
G3	USA	77627091	12/5/2008		
S2	USA	77627093	12/5/2008		
S3	USA	77627100	12/5/2008		
S9	USA	77627106	2/5/2008		

GENVIEW	USA	77627115	12/5/2008		
DRIVING THE NETWORK EVOLUTION	USA	77627121	12/5/2008		
G-SERIES	USA	77627155	12/5/2008		
C SERIES	USA	77627162	12/5/2008		
IOCS	USA	76762,809	11/9/2000	2,762,269	
DCO	USA			1,187,459	1/26/2002
GENERAL BANDWIDTH (Design)	USA	75929,267	2/28/2000	2,832,286	4/13/2004
GENERAL BANDWIDTH (Design)	Europe	1749167		1749167	8/24/2001
GENERAL BANDWIDTH (Design)	JAPAN			4,538,339	1/25/2002
GENERAL BANDWIDTH	USA	75780,876	8/20/1999	2,900,062	11/2/2004
GENERAL BANDWIDTH	Canada	1032966		651664	10/27/2005
G6	USA		5/15/2001	2,450,844	
G6 and Design	USA		5/8/2001	2,449,024	
G6 and Design	Europe	1724780		1724780	8/13/2001
Misc. - Design (Overlapping Circles)	USA			2,449,025	5/8/2001
NEXTONE COMMUNICATIONS	USA	75/651,024	3/3/1999	2,643,276	10/29/2002
NEXTONE	USA	78786,813	1/6/2006	3,171,497	11/14/2006
NEXTONE	Europe	5147038	6/19/2006	5147038	6/28/2007
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NEXTONE	JAPAN				
NEXTONE	Mexico	787809	6/9/2006	951712	8/31/2007
NEXTONE	Singapore	T0611355C	6/12/2006	T0611355C	10/5/2006
NEXTONE	USA	78786,812	1/6/2006	3,171,496	11/14/2006
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INTELLICONNECT	USA	78/926,517			
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INTELLIGENT EDGE	USA	77/151683	4/9/2007		
INTELLIGENT IMS AT THE EDGE	USA	77/151685	4/9/2007		
NEXTPPOINT	USA	77/310,770	10/23/2007		
NEXTPPOINT					
IQ8000	Europe				
IQSMS	USA	76/065,217	6/3/2000	2,742,813	7/29/2003
FLOW APPLICATIONS STREAMING TECHNOLOGY	USA	76/064,800	6/6/2000	2,742,810	7/29/2003
QUARRY TECHNOLOGIES	Europe	2081875	2/9/2001	2081875	10/2/2003
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SANTERA	USA			2,525,680	1/1/2002
S SANTERA and Design	USA			2,845,355	5/25/2004
NETSCAN	USA			2,972,592	7/19/2005
NETSCAN	Taiwan				
OFX	China				
OFX	Taiwan				