

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
TELCORDIA TECHNOLOGIES, INC.	04/30/2010
RECEIVING PARTY DATA	
Name:	JPMORGAN CHASE BANK, N.A., as Administrative Agent
Street Address:	270 Park Avenue
City:	New York
State/Country:	NEW YORK
Postal Code:	10017
PROPERTY NUMBERS Total: 119	
Property Type	Number
Patent Number:	5034344
Patent Number:	5054871
Patent Number:	5130667
Patent Number:	5136646
Patent Number:	5145713
Patent Number:	5173923
Patent Number:	5175743
Patent Number:	5175744
Patent Number:	5177768
Patent Number:	5206872
Patent Number:	5212831
Patent Number:	5216529
Patent Number:	5241675
Patent Number:	5253059
Patent Number:	5289299

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PATENT
REEL: 024523 FRAME: 0734

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Patent Number:	5331637
Patent Number:	5335345
Patent Number:	5345073
Patent Number:	5373561
Patent Number:	5414541
Patent Number:	5432783
Patent Number:	5438440
Patent Number:	5504837
Patent Number:	5541443
Patent Number:	5549977
Patent Number:	5550818
Patent Number:	5583864
Patent Number:	5588061
Patent Number:	5673142
Patent Number:	5677905
Patent Number:	5677955
Patent Number:	5737103
Patent Number:	5745488
Patent Number:	5746211
Patent Number:	5751868
Patent Number:	5771256
Patent Number:	5841874
Patent Number:	5842010
Patent Number:	5848141
Patent Number:	5882951
Patent Number:	5930359
Patent Number:	5933489
Patent Number:	6021202
Patent Number:	6167279
Patent Number:	6167392
Patent Number:	6209095
Patent Number:	6226111
Patent Number:	6366559
Patent Number:	6392694
Patent Number:	6412054

Patent Number:	6430150
Patent Number:	6434191
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Patent Number:	6560198
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Patent Number:	6611510
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Patent Number:	6748233
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Patent Number:	6947408
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Patent Number:	6993000
Patent Number:	6999434
Patent Number:	7002936
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Patent Number:	7035236
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Patent Number:	7042866

Patent Number:	7046647
Patent Number:	7072317
Patent Number:	7072340
Patent Number:	7075910
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Patent Number:	7184418
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Patent Number:	7319689
Patent Number:	7349378
Patent Number:	7369576
Patent Number:	7380000
Patent Number:	7433297
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Patent Number:	7606602
Patent Number:	7620328
Patent Number:	7620687
Patent Number:	7646980
Patent Number:	7653023
Patent Number:	RE34954
Patent Number:	RE36633

CORRESPONDENCE DATA

Fax Number: (866)826-5420

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

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Address Line 4: Waldorf, MARYLAND 20602

ATTORNEY DOCKET NUMBER:

35684

NAME OF SUBMITTER:

Penelope J.A. Agodoa

Total Attachments: 18

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PATENT SECURITY AGREEMENT

This Patent Security Agreement (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Patent Security Agreement") dated as of April 30, 2010 is made by Telcordia Technologies, Inc., a Delaware corporation (the "Grantor"), in favor of JPMorgan Chase Bank, N.A., as Administrative Agent (the "Administrative Agent"). Capitalized terms not defined herein shall have the meanings ascribed to them in the Credit Agreement or the First Lien Security Agreement, as applicable.

WHEREAS, the Grantor has entered into a Credit Agreement dated as of April 30, 2010 (as amended, amended and restated, supplemented, waived or otherwise modified from time to time, the "Credit Agreement"), with TTI Holding Corporation I, a Delaware corporation, JPMorgan Chase Bank, N.A., as the L/C Issuer, the Swing Line Lender and the Administrative Agent, the other Agents named therein and the Lenders party thereto.

WHEREAS, as a condition precedent to the making of the Loans and the issuance of Letters of Credit by the Lenders under the Credit Agreement, the entry into Secured Hedge Agreements by the Hedge Banks from time to time and the performance of the Secured Cash Management Obligations, each Grantor has executed and delivered that certain First Lien Security Agreement dated as of April 30, 2010 (as amended, amended and restated, supplemented, waived or otherwise modified from time to time, the "First Lien Security Agreement"), in favor of the Administrative Agent.

WHEREAS, under the terms of the First Lien Security Agreement, the Grantor has granted to the Administrative Agent a security interest in, among other property, certain Patents of the Grantor, and has agreed as a condition thereof to execute this Patent Security Agreement for recording with the U.S. Patent and Trademark Office and any other appropriate governmental authorities.

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

Section 1. Grant of Security. The Grantor hereby pledges and grants to the Administrative Agent a continuing security interest in all of such Grantor's right, title and interest in and to the following (all of the following items or types of property being herein collectively referred to as the "Patent Collateral"), whether now owned or existing or hereafter acquired or arising, including, without limitation:

(i) each Patent owned by the Grantor, including, without limitation, each Patent referred to in Schedule 1 hereto;

(ii) each Patent license to which the Grantor is a party, including, without limitation, each Patent license referred to in Schedule 2 hereto;

(iii) all issuances and applications for registration for any of the foregoing, together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof;

(iv) all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto; and

(v) any and all Proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and Supporting Obligations relating to, any and all of the foregoing, including, without limitation, all Proceeds of and revenues from any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, all proceeds and damages relating thereto.

Section 2. No Transfer of Grantor's Rights. Except to the extent expressly permitted in the Credit Agreement, the Grantor agrees not to sell, license, exchange, assign, or otherwise transfer or dispose of, or grant any rights with respect to, or mortgage or otherwise encumber, any of the Patent Collateral.

Section 3. Security for Obligations. The grant of continuing security interest in the Patent Collateral by the Grantor under this Patent Security Agreement secures the payment of all Obligations of such Grantor, now or hereafter existing under or in respect of the Loan Documents, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise.

Section 4. Recordation. The Grantor authorizes and requests that the Commissioner for Patents and any other applicable government officer record this Patent Security Agreement.

Section 5. Execution in Counterparts. This Patent Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

Section 6. Grants, Rights and Remedies. This Patent Security Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the U.S. Patent and Trademark Office. The security interest granted hereby has been granted to the Administrative Agent in connection with the First Lien Security Agreement and is expressly subject to the terms and conditions thereof and does not modify its terms or conditions or create any additional rights or obligations for any party thereto or hereto. The First Lien Security Agreement (and all rights and remedies of the Administrative Agent thereunder) shall remain in full force and effect in accordance with its terms.

Section 7. Governing Law. This Patent Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

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IN WITNESS WHEREOF, the Grantor has caused this Patent Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

TELCORDIA TECHNOLOGIES, INC.,

by

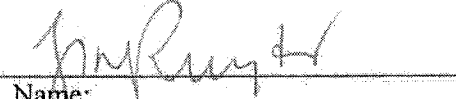
Name: Joseph Giordano

Title: Secretary

[Signature Page to Telcordia First Lien Patent Security Agreement]
[[NYCORP:3197859]]

JPMORGAN CHASE BANK, N.A., as
Administrative Agent,

by



Name:

Title:

Tina Ruyter
Executive Director

[Signature Page to Telcordia First Lien Patent Security Agreement]

[[NYCORP:3197859]]

**Schedule 1
to Patent
Security Agreement**

PATENTS

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
US	Granted	07/538,577	18-Jun-1990	5,034,344	23-Jul-1991	AT&T-BL Telcordia Technologies, Inc.	Method of Making Surface Emitting Semiconductor Lasers	0408-US
US	Granted	07/547,592	02-Jul-1990	5,054,871	08-Oct-1991	Telcordia Technologies, Inc.	Semiconductor Waveguide and Impedance-Matched Detector	0402-US
US	Granted	07/683,865	11-Apr-1991	5,130,667	14-Jul-1992	Telcordia Technologies, Inc.	Differential Transimpedance Amplifier	0501-US
US	Granted	07/666,896	08-Mar-1991	5,136,646	04-Aug-1992	Telcordia Technologies, Inc.	Digital Document Time-Stamping with Catenate Certificate	0509-US
US	Granted	07/633,407	21-Dec-1990	5,145,713	08-Sep-1992	Telcordia Technologies, Inc.	Stoichiometric Growth of Compounds with Volatile Components	0453-US
US	Granted	07/901,833	22-Jun-1992	5,173,923	22-Dec-1992	Telcordia Technologies, Inc.	A Spread-Time Code Division Multiple Access Technique with Arbitrary Spectral Shaping	0625-US
US	Granted	07/796,642	22-Nov-1991	5,175,743	29-Dec-1992	Telcordia Technologies, Inc.	Spread Time Code Division Multiple Access Technique with Arbitrary Spectral Shaping	0570-US
US	Granted	07/901,829	22-Jun-1992	5,175,744	29-Dec-1992	Telcordia Technologies, Inc.	A Spread-Time Code Division Multiple Access Technique with Arbitrary Spectral Shaping	0626-US
US	Granted	07/901,827	22-Jun-1992	5,177,768	05-Jan-1993	Telcordia Technologies, Inc.	Spread-Time Code Division Multiple Access Technique with Arbitrary Spectral Shaping	0624-US
US	Granted	07/786,653	01-Nov-1991	5,206,872	27-Apr-1993	Telcordia Technologies, Inc.	Surface Emitting Laser	0577-US
US	Granted	07/619,059	28-Nov-1990	5,212,831	18-May-1993	Telcordia Technologies, Inc.	Method and Apparatus for Autonomous Adaptive Frequency Assignment in TDMA Portable Radio Systems	0459-US
US	Granted	07/824,785	15-Jan-1992	5,216,529	01-Jun-1993	Telcordia Technologies, Inc.	Holographic Code Detection Multiple Access	0580-US
US	Granted	07/865,995	09-Apr-1992	5,241,675	31-Aug-1993	Telcordia Technologies, Inc.	Method for Enforcing the Serialization of Global Multidatabase Transactions	0592-US

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Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
							Through Committing Only on Consistent Subtransaction Serialization by the Local Database Managers	
US	Granted	07/884,730	15-May-1992	5,253,059	12-Oct-1993	Telcordia Technologies, Inc.	Method and Circuit for Adjusting the Size of a Video Frame	0606-US
US	Granted	08/006,009	15-Jan-1993	5,289,299	22-Feb-1994	Telcordia Technologies, Inc.	Holographic code Detection Multiple Access	0675-US
US	Granted	08/100,634	30-Jul-1993	5,331,637	19-Jul-1994	Telcordia Technologies, Inc.	Multicast Routing Using Core Based Trees	0730-US
US	Granted	07/508,265	11-Apr-1990	5,335,345	02-Aug-1994	Telcordia Technologies, Inc.	Dynamic Query Optimization Using Partial Information	0398-US
US	Granted	08/045,961	12-Apr-1993	5,345,073	06-Sep-1994	Telcordia Technologies, Inc.	Very High Speed Optical Receiver with a Cascadable Differential Action Feedback Driver	0672-US
US	Granted	07/992,883	21-Dec-1992	5,373,561	13-Dec-1994	Telcordia Technologies, Inc.	Method of Extending the Validity of a Cryptographic Certificate	0652-US
US	Granted	08/070,591	01-Jun-1993	5,414,541	09-May-1995	Telcordia Technologies, Inc.	Optical Switch Employing first and Second Ferroelectric Cells with Alignment Layers Having Alignment Directions Offset by 45 Degree	0689-US
US	Granted	08/192,764	07-Feb-1994	5,432,783	11-Jul-1995	Telcordia Technologies, Inc.	System and Method for Providing Egress Policing for Broadband Virtual Private Networks	0773-US
US	Granted	08/006,008	15-Jan-1993	5,438,440	01-Aug-1995	Telcordia Technologies, Inc.	Holographic Code Detection Multiple Access	0674-US
US	Granted	08/059,947	10-May-1993	5,504,837	02-Apr-1996	Telcordia Technologies, Inc.	A Method for Resolving Conflicts Among Distributed Entities Through the Generation of Counter Proposals by Transversing a Goal Hierarchy with Acceptable, Unacceptable, and Indeterminate Nodes	0697-US
US	Granted	08/175,422	05-May-1992	5,541,443	30-Jul-1996	Telcordia Technologies, Inc.	Active Optical Logic Device Incorporating A Surface-Emitting Laser	0604-US
US	Granted	08/228,168	15-Apr-1994	5,549,977	27-Aug-1996	Telcordia Technologies, Inc.	Article Comprising Magnetoresistive Material	0782-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
						Inc.		
US	Granted	08/308,313	19-Sep-1994	5,550,818	27-Aug-1996	Telcordia Technologies, Inc.	A System for Wavelength Division Multiplexing/Asynchronous Transfer Mode Switching for Network Communications	0811-US
US	Granted	08/413,809	28-Mar-1995	5,583,864	10-Dec-1996	Bell Atlantic Telcordia Technologies, Inc.	Level 1 Gateway for Video Dial Tone Networks	0873-US
US	Granted	08/277,808	20-Jul-1994	5,588,061	24-Dec-1996	Bell Atlantic Telcordia Technologies, Inc.	System and Method for Identity Verification, Forming Joint Signatures and Session Key Agreement in an RSA Public Cryptosystem	0799-US
US	Granted	08/692,296	01-Aug-1996	5,673,142	30-Sep-1997	Lucent Technologies Telcordia Technologies, Inc.	Optical Amplifier With Internal Input Monitoring Signal Tap	0983-US
US	Granted	08/413,981	28-Mar-1995	5,677,905	14-Oct-1997	Bell Atlantic Telcordia Technologies, Inc.	Access Subnetwork Controller for Video Dial Tone Network	0874-US
US	Granted	08/418,190	07-Apr-1995	5,677,955	14-Oct-1997	First National Bank of Boston Telcordia Technologies, Inc.	Electronic Funds Transfer Instrument	0875-US
US	Granted	08/587,909	16-Jan-1996	5,737,103	07-Apr-1998	Telcordia Technologies, Inc.	Reducing Crosstalk in Optical Cross-Connects by Appropriate Configuration of Unused Switch Elements	0923-US
US	Granted	08/639,603	26-Apr-1996	5,745,488	28-Apr-1998	Motorola Telcordia Technologies, Inc.	Method and Apparatus for Detection of Packet Types in a Communications Network	0958-US
US	Granted	08/368,514	04-Jan-1995	5,746,211	05-May-1998	University of Pennsylvania Telcordia Technologies, Inc.	Imaging System	0828-US
US	Granted	08/871,056	09-Jun-1997	5,751,868	12-May-1998	Telcordia Technologies, Inc.	Asymmetrically Dilated Optical Cross Connect Switches	1068-US
US	Granted	08/660,330	03-Jun-1996	5,771,256	23-Jun-1998	Telcordia Technologies, Inc.	InP-Based Lasers with Reduced Blue Shifts	0966-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
US	Granted	08/696,453	13-Aug-1996	5,841,874	24-Nov-1998	Inc. General Dynamics Telcordia Technologies, Inc.	Ternary Cam Architecture and Methodology	1010-US
US	Granted	08/427,056	24-Apr-1995	5,842,010	24-Nov-1998	University of Texas Telcordia Technologies, Inc.	Periodic Wireless Data Broadcast	0865-US
US	Granted	08/757,309	27-Nov-1996	5,848,141	08-Dec-1998	Bell Atlantic Telcordia Technologies, Inc.	Method And Apparatus For Provisioning Call Processing Records Using Logic And Data Templates	0973-US
US	Granted	08/878,018	18-Jun-1997	5,882,951	16-Mar-1999	Telcordia Technologies, Inc.	InP-Based Lasers with Reduced Blue Shifts	1069-US
US	Granted	08/717,557	23-Sep-1996	5,930,359	27-Jul-1999	Telcordia Technologies, Inc.	Cascadable Content Addressable Memory and System	1009-US
US	Granted	08/908,942	08-Aug-1997	5,933,489	03-Aug-1999	Telcordia Technologies, Inc.	Method and Apparatus for Handling Subscription and Administrative Requests in a Local Service Management System	1077-US
US	Granted	08/994,636	19-Dec-1997	6,021,202	01-Feb-2000	Financial Services Technology Consortium Telcordia Technologies, Inc.	Method and System for Processing Electronic Documents	1124-US
US	Granted	08/596,884	13-Mar-1996	6,167,279	26-Dec-2000	Nokia Telcordia Technologies, Inc.	Method and System for Supporting PACS Using a GSM Mobile Switching Center	0943-US
US	Granted	09/087,893	01-Jun-1998	6,167,392	26-Dec-2000	Telcordia Technologies, Inc.	Method and Apparatus for Private Information Retrieval from a Single Electronic Storage Device	1081-US
US	Granted	09/386,551	31-Aug-1999	6,209,095	27-Mar-2001	First National Bank of Boston Telcordia Technologies, Inc.	Method and System for Processing Electronic Documents	1415-US
US	Granted	08/985,159	04-Dec-1997	6,226,111	01-May-2001	Telcordia Technologies, Inc.	Inter-Ring Cross-Connect for Survivable Multi-Wavelength Optical Communication Networks	0999-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
US	Granted	09/092,732	05-Jun-1998	6,366,559	02-Apr-2002	Telcordia Technologies, Inc.	Method and System for State-Dependent Admission Control and Routing Multi-rate Circuit-Switched Traffic	1067-US
US	Granted	09/185,053	03-Nov-1998	6,392,694	21-May-2002	Telcordia Technologies, Inc.	Method and Apparatus for an Automatic Camera Selection System	1133_1-US
US	Granted	09/556,728	21-Apr-2000	6,412,054	25-Jun-2002	Lucent Technologies Telcordia Technologies, Inc.	Storage Disk Declustering Method	1233-US
US	Granted	08/643,761	06-May-1996	6,430,150	06-Aug-2002	Fujitsu Telcordia Technologies, Inc.	Communication Node, Restoration Method and Communication Network	0910-US
US	Granted	09/653,913	01-Sep-2000	6,434,191	13-Aug-2002	Telcordia Technologies, Inc.	Adaptive Layered Coding for Voice Over Wireless IP Applications	1201-US
US	Granted	09/264,997	09-Mar-1999	6,438,150	20-Aug-2002	Telcordia Technologies, Inc.	Edge-Emitting Semiconductor Laser Having Asymmetric Interference Filters	1056-US
US	Granted	09/186,459	05-Nov-1998	6,526,038	25-Feb-2003	University of Texas Telcordia Technologies, Inc.	An Improved Periodic Wireless Data Broadcast	1119-US
US	Granted	09/186,241	05-Nov-1998	6,560,198	06-May-2003	Lucent Technologies Telcordia Technologies, Inc.	Method and System for Stabilized Random Early Detection Using Packet Sampling	1085-US
US	Granted	09/750,379	28-Dec-2000	6,609,200	19-Aug-2003	Financial Services Technology Consortium Telcordia Technologies, Inc.	Method and System for Processing Electronic Documents	1460-US
US	Granted	09/883,569	18-Jun-2001	6,611,510	26-Aug-2003	Telcordia Technologies, Inc.	Method and System for Soft Handoff of Mobile Terminals In IP Wireless Networks	1266-US
US	Granted	09/504,106	14-Feb-2000	6,654,607	25-Nov-2003	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method and Apparatus for Enabling and Monitoring Mobile Communication Across Platforms	1260-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
US	Granted	09/698,972	27-Oct-2000	6,748,233	08-Jun-2004	Telcordia Technologies, Inc.	System and Method for Energy-Efficient Transmission Power Control, Routing and Transmission Scheduling in Wireless Packet Communication Networks	1207-US
US	Granted	09/827,954	06-Apr-2001	6,754,847	22-Jun-2004	Telcordia Technologies, Inc.	Methods and Systems for Monitoring Quality Assurance	1255-US
US	Granted	10/170,049	12-Jun-2002	6,768,963	27-Jul-2004	Telcordia Technologies, Inc.	Geo-Location Systems	1461-US
US	Granted	09/840,254	23-Apr-2001	6,795,709	21-Sep-2004	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method and Apparatus for Dynamic IP Address Allocation for Wireless Cells	1289-US
US	Granted	09/693,015	20-Oct-2000	6,799,204	28-Sep-2004	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method and System for Dynamic Registration and Configuration Protocol	1203-US
US	Granted	10/287,086	04-Nov-2002	6,832,074	14-Dec-2004	Telcordia Technologies, Inc.	Method and System for Real Time Cellular Network Configuration	1402-US
US	Granted	10/356,089	31-Jan-2003	6,839,328	04-Jan-2005	Telcordia Technologies, Inc.	Measurement of Packet Loss Ratio in a Network Using End-Point Data	1491-US
US	Granted	09/775,864	02-Feb-2001	6,865,167	08-Mar-2005	Telcordia Technologies, Inc.	Method and System for Supporting Soft-Handoff in Wireless Code Division Multiple Access (CDMA) Internet Protocol (IP) Networks	1263-US
US	Granted	10/062,694	31-Jan-2002	6,895,235	17-May-2005	Telcordia Technologies, Inc.	Adaptive Load and Coverage Management System and Method	1395-US
US	Granted	09/698,970	27-Oct-2000	6,898,430	24-May-2005	Telcordia Technologies, Inc.	Methods for Establishing Reliable Communications Between Two Points in a Mobile Wireless Network	1206-US
US	Granted	09/773,073	31-Jan-2001	6,931,011	16-Aug-2005	Telcordia Technologies, Inc.	Method and Systems for Bandwidth Management in Packet Data Networks	1264-US
US	Granted	09/293,217	16-Apr-1999	6,947,408	20-Sep-2005	Telcordia Technologies, Inc.	A Wireless Internet Access Method and System	1108-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
US	Granted	10/828,961	21-Apr-2004	6,965,576	15-Nov-2005	Toyota Telcordia Technologies, Inc.	Automatic Configuration of WLAN for Mobile Users	1486-US
US	Granted	09/794,859	27-Feb-2001	6,965,584	15-Nov-2005	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Dynamic Forward Assignment of Internet Protocol Addresses in Wireless Networks	1282-US
US	Granted	09/834,234	12-Apr-2001	6,992,994	31-Jan-2006	Telcordia Technologies, Inc.	Method and Systems for a Generalized Mobility Solution Using a Dynamic Tunneling Agent	1301-US
US	Granted	09/834,237	12-Apr-2001	6,992,995	31-Jan-2006	Telcordia Technologies, Inc.	Telecommunication Enhanced Mobile IP Architecture for Intra-Domain Mobility	1258-US
US	Granted	09/884,727	19-Jun-2001	6,993,000	31-Jan-2006	Telcordia Technologies, Inc.	Method for CDMA Soft Handoff Via IP Multicasting	1271-US
US	Granted	09/723,366	28-Nov-2000	6,999,434	14-Feb-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method, System and Circuitry for Soft Handoff in Internet Protocol-Based Code Division Multiple Access Networks	1276-US
US	Granted	09/976,166	12-Oct-2001	7,002,936	21-Feb-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Distributed Soft Handoff Among IP-Based Base Stations	1311-US
US	Granted	10/045,266	23-Oct-2001	7,016,324	21-Mar-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	System and Method for Dynamically Allocating IP Addresses for Shared Wireless and Wireline Networks Based on Priorities and Guard Bands	1290-US
US	Granted	09/880,530	13-Jun-2001	7,016,353	21-Mar-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method and System for Dynamically Assigning IP Addresses in Wireless Networks	1292-US
US	Granted	10/054,134	13-Nov-	7,016,396	21-Mar-2006	Toshiba America	Unitary Bluetooth-Enabled Terminal Having Multiple	1400-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
			2001			Research, Inc. (TARI) Telcordia Technologies, Inc.	Radio Interfaces	
US	Granted	09/975,801	12-Oct-2001	7,031,278	18-Apr-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Network-Layer and Link-Layer Use of Shadow Addresses in Soft Handoff Within Subnets	1454-US
US	Granted	09/975,890	12-Oct-2001	7,035,236	25-Apr-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Network-Layer and Link-Layer Use of Shadow Addresses With IP-Based Base Stations	1299-US
US	Granted	10/045,267	23-Oct-2001	7,035,929	25-Apr-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method for Dynamically Allocating IP Adresses for Time Sensitive Hosts Based on Priorities and Guard Bands	1291-US
US	Granted	09/975,912	12-Oct-2001	7,039,028	02-May-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Packet Distribution and Selection in Soft Handoff For IP-Based Base Stations Among Multiple Subnets	1375-US
US	Granted	10/015,961	10-Dec-2001	7,042,866	09-May-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method and Apparatus Utilizing Bluetooth Protocols for the Remote Setting of IP Network Parameters	1426-US
US	Granted	10/761,243	22-Jan-2004	7,046,647	16-May-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Mobility Architecture Using Pre-Authentication, Pre-Configuration and/or Virtual Soft-Handoff	1790-US
US	Granted	10/103,919	22-Mar-2002	7,072,317	04-Jul-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method and Apparatus for Providing Soft Hand-Off in IP-Centric Wireless CDMA Networks	1297-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
US	Granted	10/062,593	31-Jan-2002	7,072,340	04-Jul-2006	Inc. Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Dynamic Assignment and Validation of IP Addresses in Wireless IP Networks	1296-US
US	Granted	09/975,910	12-Oct-2001	7,075,910	11-Jul-2006	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Distributed Smooth Handoff Using Shadow Addresses in IP-Based Base Stations	1374-US
US	Granted	10/016,238	10-Dec-2001	7,139,285	21-Nov-2006	Toshiba America Research, Inc. (TARI) Telcordia	Frequency Hop Collision Prediction in a Multi-Channel, Bluetooth-Enabled Packet Transmission System	1412-US
US	Granted	10/062,908	31-Jan-2002	7,161,942	09-Jan-2007	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method for Distributing and Conditioning Traffic for Mobile Networks Based on Differentiated Services	1441-US
US	Granted	09/693,019	20-Oct-2000	7,184,418	27-Feb-2007	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method and System for Host Mobility Management Protocol	1204-US
US	Granted	10/768,911	30-Jan-2004	7,286,480	23-Oct-2007	Telcordia Technologies, Inc.	Impairment-Aware Design and Routing	1515-US
US	Granted	11/248,743	12-Oct-2005	7,319,689	15-Jan-2008	Telcordia Technologies, Inc.	Method for Handling the Simultaneous Mobility of Mobile Hosts in Infrastructure-Based Networks	1590-US
US	Granted	10/370,719	24-Feb-2003	7,349,378	25-Mar-2008	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Local Area Network Resource Manager	1527-US
US	Granted	10/066,781	06-Feb-2002	7,369,576	06-May-2008	Toshiba America Research,	Managing Scanning and Traffic in a Network	1411-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
						Inc. (TARI) Telcordia Technologies, Inc.		
US	Granted	11/161,775	16-Aug-2005	7,380,000	27-May-2008	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	IP Network Information Database in Mobile Devices for Use with Media Independent Information Server	1639-US
US	Granted	10/930,320	27-Dec-2004	7,433,297	07-Oct-2008	Telcordia Technologies, Inc.	Wireless Internet Access System and Method	1108_1-US
US	Granted	11/161,709	12-Aug-2005	7,463,892	09-Dec-2008	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Latency-Aware Service Opportunity Window-Based (LASO) Scheduling	1676-US
US	Granted	10/918,256	13-Aug-2004	7,466,652	16-Dec-2008	Telcordia Technologies, Inc.	Auto-IP Traffic Optimization in Mobile Telecommunications Systems	1557-US
US	Granted	10/815,605	01-Apr-2004	7,477,602	13-Jan-2009	Toyota Telcordia Technologies, Inc.	Estimator for End-to-End Throughput of Wireless Networks	1478-US
US	Granted	09/822,822	02-Apr-2001	7,480,272	20-Jan-2009	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Soft Handoff in IP-Based CDMA Networks by IP Encapsulation	1401-US
US	Granted	11/096,721	01-Apr-2005	7,502,348	10-Mar-2009	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Silent Proactive Handoff for Fast Roaming	1668-US
US	Granted	11/096,722	01-Apr-2005	7,505,433	17-Mar-2009	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Method for Autonomous Heterogeneous Network Discovery and Reuse	1671-US
US	Granted	11/683,312	07-Mar-	7,508,788	24-Mar-2009	Toshiba America	Location Dependent Key Management in Sensor	1731-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
			2007			Research, Inc. (TARI) Telcordia Technologies, Inc.	Networks without Using Deployment Knowledge	
US	Granted	10/791,603	02-Mar-2004	7,546,082	09-Jun-2009	Toyota Telcordia Technologies, Inc.	Application-Layer Multicast for Mobile Users in Diverse Networks	1477-US
US	Granted	11/405,039	17-Apr-2006	7,548,526	16-Jun-2009	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Mobility Architecture Using Pre-Authentication, Pre-Configuration and/or Virtual Soft-Handoff	1790_1-US
US	Granted	11/384,590	20-Mar-2006	7,567,809	28-Jul-2009	Toyota Telcordia Technologies, Inc.	Preserving HTTP Sessions in Heterogeneous Wireless Environments	1484_1-US
US	Granted	11/262,657	31-Oct-2005	7,574,144	11-Aug-2009	Telcordia Technologies, Inc.	Spectrally Phase Encoded Division Multiple Access Systems	1591-US
US	Granted	11/379,566	20-Apr-2006	7,576,694	18-Aug-2009	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Secure Localization Scheme Using Transmission Range Variation	1732-US
US	Granted	10/609,685	01-Jul-2003	7,587,598	08-Sep-2009	Toshiba America Research, Inc. (TARI) Telcordia	Interlayer Fast Authentication or Re-Authentication for Network Communication	1528-US
US	Granted	11/419,575	22-May-2006	7,603,138	13-Oct-2009	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Sensors on Patrol (SOP): Using Mobile Sensors for Environmental Monitoring	1678-US
US	Granted	11/161,668	11-Aug-2005	7,606,602	20-Oct-2009	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Reducing Energy Consumption on Mobile Devices with WiFi or Other High Energy-Consuming Network Interfaces	1632-US
US	Granted	11/048,394	31-Jan-2005	7,620,328	17-Nov-2009	Telcordia Technologies,	Multi-Wavelength Optical CDMA with Differential	1548-US

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner/Co-Owner	Application Title	Docket Number
						Inc.	Encoding and Bipolar Differential Detection	
US	Granted	10/876,983	25-Jun-2004	7,620,687	17-Nov-2009	Toyota Telcordia Technologies, Inc.	Distributed Request Routing	1558-US
US	Granted	11/429,686	08-May-2006	7,646,980	12-Jan-2010	Telcordia Technologies, Inc.	Variable Spectral Phase Encoder/Decoder Based on Decomposition of Hadamard Codes	1609-US
US	Granted	10/934,746	07-Sep-2004	7,653,023	26-Jan-2010	Toshiba America Research, Inc. (TARI) Telcordia Technologies, Inc.	Assigning Channel Access	1523-US
US	Granted	08/156,120	22-Nov-1993	RE34,954	30-May-1995	Telcordia Technologies, Inc.	Method for Secure Time-Stamping of Digital Documents	0756-US
US	Granted	08/555,196	08-Nov-1995	RE36,633	28-Mar-2000	Telcordia Technologies, Inc.	Synchronous Residual Time Stamp for Timing Recovery in a Broadband Network	0904-US

**Schedule 2
to Patent
Security Agreement**

PATENT LICENSES

None.