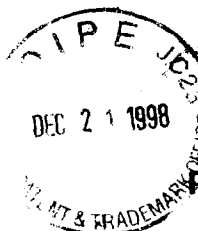


01-13-1999

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



100941156

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Name	Execution Date Month Day Year
Name (line 1)	
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**PATENT**  
**REEL: 9670 FRAME: 0482**

**Correspondent Name and Address**

Area Code and Telephone Number

404-249-2714

Name

SANDRA J. EVANS

Address (line 1)

1155 PEACHTREE STREET, N.E.

Address (line 2)

Suite 500

Address (line 3)

Address (line 4)

ATLANTA, GEORGIA 30309

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**Application Number(s) or Patent Number(s)**

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Patent Application Number(s)

08/775244

Patent Number(s)

4643107

4799251

4818310

5610973

5588042

5496966

5276277

5369711

5649286

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

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Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

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PCT

**Number of Properties**

Enter the total number of properties involved.

# 198

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 7,920.00

Method of Payment:  
Deposit Account

Enclosed ☐

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 02-1862

Authorization to charge additional fees:

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**Statement and Signature**

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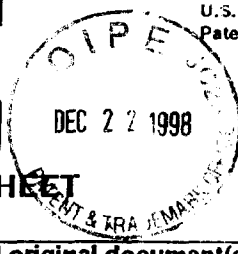
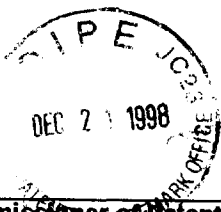
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Name of Person Signing

Signature

Date

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Name (line 2)

Address (line 1) 1155 PEACHTREE STREET, N.E.

Address (line 2) SUITE 16E02

Address (line 3) ATLANTA  
City

GEORGIA  
State/Country

30309  
Zip Code

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**PATENT**  
**REEL: 9670 FRAME: 0484**

**Correspondent Name and Address**

Area Code and Telephone Number 404-249-2714

Name SANDRA J. EVANS

Address (line 1) 1155 PEACHTREE STREET, N.E.

Address (line 2) Suite 500

Address (line 3)

Address (line 4) ATLANTA, GEORGIA 30309

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Yes

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No

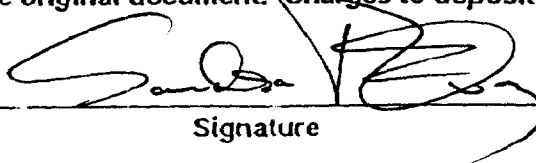
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**Statement and Signature**

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Sandra J. Evans

Name of Person Signing



Signature

12/21/98

Date

# ATTACHMENT

Application Number	Filing Date	Patent Number	Issue Date	Title
07/575,208	29-Aug-1990	5,054,056	01-Oct-1991	Tamper Deterrent
864,671	07-Apr-1992	5,371,803	06-Dec-1994	Tone Reduction Circuit for a Headset
547,825	02-Jul-1990	5,016,109	14-May-1991	Apparatus & Method for Segmenting a Field of View into Continuous, Non-overlapping Vertical & Horizontal
08/469,491	06-Jun-1995	5,764,747	09-Jun-1998	Personal Number Communication System
08/623,121	28-Mar-1996	5,717,741	10-Feb-1998	Personal Number Communication System
08/881,620	24-Jun-1997			Personal Number Communication System
07/995,025	22-Dec-1992	5,363,431	08-Nov-1994	Message Waiting Indicator
08/330,690	28-Oct-1994	5,521,964	28-May-1996	Message Waiting Indicator
08/474,522	07-Jun-1995	5,544,227	06-Aug-1996	Radiotelephone Communications System With Direct Access To Interoffice Telephone Trunk Circuits and Interface Therefor
08/517,648	21-Aug-1995	5,590,171	31-Dec-1996	Methods & Apparatus for Communications Monitoring System
005,350	19-Jan-1993	5,371,797	06-Dec-1994	Secure EFT Transactions from Telephone Set
08/245,457	17-May-1994	5,487,109	23-Jan-1996	End Office of a Telephone System with a Zero Loss Plan
08/010,287	28-Jan-1993	5,499,290	12-Mar-1996	AIN Non-Call Associated Signalling for Service Nodes and Service Control Points in a Telephone System
07/995,031	22-Dec-1992	5,359,641	25-Oct-1994	Improved Telemetry System w/Suppressed Ringing Connection

Application Number	Filing Date	Patent Number	Issue Date	Title
08/038,000	25-Mar-1993	5,410,589	25-Apr-1995	Traffic Data To Customer Premises
07/938,740	31-Aug-1992	5,243,644	07-Sep-1993	Telemetry Access Arrangement (7-1) Garland
08/025,370	26-Feb-1993	5,471,519	28-Nov-1995	Communications Monitoring and Control System
09/083,452	22-May-1998			Apparatus & Method for Remotely Initiating Operation of a Cellular Telephone
08/482,800	07-Jun-1995	5,485,505	16-Jan-1996	Apparatus & Method for Remotely Initiating Operation of a Cellular Telephone
08/472,633	07-Jun-1995	5,812,953	22-Sep-1998	Apparatus & Method for Remotely Initiating Operation of a Cellular Telephone
08/282,279	28-Jul-1994	5,467,955	21-Nov-1995	Antenna Mounting Platform For A Monopole Tower
08/347,604	01-Dec-1995	5,519,768	21-May-1996	Facsimile Detection System and Method
08/497,426	30-Jun-1995	5,724,415	03-Mar-1998	Coin Deflector for a Coin Telephone Receptacle
08/048,650	15-Apr-1993	5,416,831	16-May-1995	System for Communicating w/An ADSI-Compatible Telephone Via A Service Circuit Node
08/204,677	01-Mar-1994	5,533,107	02-Jul-1996	Method for Routing Calls Based on Predetermined Assignments of Callers Geographic Locations
08/268,805	30-Jun-1994	5,724,409	03-Mar-1998	Speed Forwarding System for Number Communication System
08/783,537	14-Jan-1997	5,844,978	01-Dec-1998	Multi-User Telephone Line
08/300,981	06-Sep-1994	5,438,568	01-Aug-1995	Mediation of Open AIN Interface for Public Switched Telephone Network
08/543,513	16-Oct-1995	5,600,710	04-Feb-1997	Method for Providing a Recorded Message to a Telephone Caller When Called Number is Busy

Application Number	Filing Date	Patent Number	Issue Date	Title
03/292,238	17-Aug-1994	5,548,581	20-Aug-1996	System and Method for Making Connection Acceptance/Rejection Decisions in a Communication System
08/274,832	14-Jul-1994	5,701,352	23-Dec-1997	Tone Suppression Automatic Gain Control for a Headset
08/246,876	20-May-1994	5,430,719	04-Jul-1995	Mediation of Open Advanced Intelligent Network Interface by Shared Execution Environment
08/325,803	19-Oct-1994	5,581,610	03-Dec-1996	Method for Network Traffic Regulation and Management at a Mediated Access Service Control Point in an Open Advanced Intelligent Environment
08/322,583	13-Oct-1994	5,570,410	29-Oct-1996	Dynamic Resource Allocation Process For A Service Control Point in an Advanced Intelligent Network System
08/231,282	22-May-1994	5,535,267	09-Jul-1996	Telemetry System with Improved Verification of Telemetry Interface Unit Installation
08/268,623	30-Jun-1994	5,546,574	13-Aug-1996	Peer-to-Peer Data Concurrence Processes and Apparatus
08/269,917	30-Jun-1994	5,579,318	26-Nov-1996	Processes and Apparatus for Maintaining Data Concurrence between Databases in Telecommunications Networks
08/994,531	19-Dec-1997			Assymetrical Data Communications System
08/652,732	22-May-1996	5,805,444	08-Sep-1998	Method and System for Providing a Temporal Interface for Use in Implementing a Process
08/474,540	07-Jun-1995	5,579,384	26-Nov-1996	Data Communication for AIN Service for AIN Service Management System (SMS)
08/198,860	18-Feb-1994	5,583,976	10-Dec-1996	Telecommunications Network Configuration Model for Data Management and Allocation
08/372,571	13-Jan-1995	5,845,211	01-Dec-1998	Wireless Digital Network
08,388,361	14-Feb-1995	5,594,945	14-Jan-1997	Method of Providing Registration Reminder Message to a Roaming Pager Upon Entry into a New Service Area
08/465,418	05-Jun-1995			Methods and Apparatus for Cellular Set Programming

Application Number	Filing Date	Patent Number	Issue Date	Title
09/019,534	05-Feb-1998			System & Method for Providing Television Services
09/116,325	15-Jul-1998			System & Method for Providing Television Services
09/019,531	05-Feb-1998			System & Method for Providing Television Services
08/428,718	25-Apr-1995	5,818,438	06-Oct-1998	System & Method for Providing Television Services
09/018,767	05-Feb-1998			System & Method for Providing Television Services
08/364,207	27-Dec-1994			Optically Isolated Surge Protector for RS-232 and RS-422 Communications
08/254,590	06-Jun-1994	5,701,301	23-Dec-1997	Mediation of Open Advanced Intelligent Network in SS7 Protocol Open Access Environment
08/266,831	28-Jun-1994	5,452,343	19-Sep-1995	Telemetry Access Arrangement (8-2)
08/663,651	14-Jun-1996			Low Power Microcellular Wireless Drop Interactive Network
08/779,306	06-Jan-1997			Method & System for Tracking Network Use
08/982,766	02-Dec-1997			An Adapter and Method for Emulating the Operation of a Peripheral Device of a Computer
09/135,519	17-Aug-1998			Apparatus and Methods for Providing Wireless System Fraud and Visibility Data
08/615,962	14-Mar-1996			Apparatus and Methods for Providing Wireless System Fraud and Visibility Data
08/396,177	24-Feb-1995	5,599,191	04-Feb-1997	Patch Panel Providing 50-Pin Connectors
08/592,286	26-Jan-1996	5,812,640	22-Sep-1998	Systems and Method For Using Alternative Switch Announcements in Advanced Intelligent Network Services



Application Number	Filing Date	Patent Number	Issue Date	Title
08/702,385	14-Aug-1996	5,774,533	30-Jun-1998	Method and System for Providing a Billing Directed Communication Service
08/908,196	07-Aug-1997			Method for Routing a Call to a Destination Based on Predetermined Call Routing Geographic Area Assignments
08/626,247	29-Mar-1996	5,815,561	29-Sep-1998	Method and System for Providing a Demarcated Communication Service
08/649,436	17-May-1996			Method and System for Transferring a Cellular Telephone Call Between Intelligent Cell Sites
08/673,916	01-Jul-1996	5,838,774	17-Nov-1998	Telephone Polling Method
08/511,743	07-Aug-1995			A Method and System to Bypass Alternate Routing Plans Applied to Directory Numbers
09/079,979	15-May-1998			Methods and Systems for Obtaining Processing Information Relating To A Communication
08/570,093	11-Dec-1995			Method and System for Routing a call to a Destination Based on Range Identifiers for Geographic Area Assignments
08/996,930	23-Dec-1997			Method and System for Transmitting Information to a Cellular Telephone
08/705,426	29-Aug-1996			Portable Radiotelephone With Sliding Cover and Automatic Antenna Extension
08/620,373	22-Mar-1996			Method for Activating and Servicing a Cellular Telephone
08/570,912	12-Dec-1995			Methods and Apparatus for Locking Communications Devices
08/682,368	17-Jul-1996			Call Forwarding on Busy or No Answer When Call Waiting is Active
09/033,920	03-Mar-1998			Call Forwarding on Busy or No Answer When Call Waiting is Active
08/856,309	14-May-1997			Switch-Based Line Continuity Verification Method and System

Application Number	Filing Date	Patent Number	Issue Date	Title
08/768,126	17-Dec-1996			A Method & Apparatus for Routing Calls Based on Call Success History
08/876,839	16-Jun-1997			A Method and Apparatus for Routing Calls Based on the Identification of the Calling Party or Calling Line
08/756,017	25-Nov-1996			A Method of Limiting Access to the Data Stored in a Cellular Telephone
08/601,962	15-Feb-1996			A Method and System for Interfacing an ATM Switch and an Optical Network Wherein Bandwidth is Maximized and Non-Local Data Streams are Grouped into Destination Groups (as amended)
08/792,246	31-Jan-1997			Portable Radiotelephone for Automatically Dialing a Central Voice-Activated Dialing System
08/593,122	01-Feb-1996	5,802,513	01-Sep-1998	A Method and System for Distance Determination and Use of the Distance Determination
08/679,965	15-Jul-1996			Method and System For Providing Access To A Distributed Computing Network
08/684,450	19-Jul-1996	5,748,717	05-May-1998	Method and System for Assigning A Communication to a Preferred Carrier For Accounting and/or Communication Routing Purposes
08/527,855	14-Sep-1995	5,740,237	14-Apr-1998	Method and System for a Singular Activation of a Redirection Service Without General Activation of the Service
08/811,895	05-Mar-1997			Method and Apparatus for Automating the Management of a Database
08/634,279	18-Apr-1996			Method and System to Transmit Video/Data Signals from a Device to a Communications Network Connection Card
08/756,442	26-Nov-1996			System and Method for Providing Directory Assistance Information
08/656,561	31-May-1996			A System and Method for Telecommunication Extention Service
08/639,263	24-Apr-1996			A Method and Apparatus for Signal Routing in an Optical network and an ATM System
08/738,009	25-Oct-1996	5,854,836	29-Dec-1998	Method and System for Utilizing an Information Delivery Service in a Local Number Portability Environment

Application Number	Filing Date	Patent Number	Issue Date	Title
08/748,289	13-Nov-1996	5,850,432	15-Dec-1998	Method and System for Capturing and Recording Information Associated with a Dial-Around Call
08/779,038	06-Jan-1997			System for Delivering Certified Facsimile Messages
08/938,249	26-Sep-1997			Method and System for Transmitting Call Related Information from a Telecommunications Network to a Pager
08/054,243	30-Jul-1997			Home Base Station Controller
08/665,823	19-Jun-1996			A Method and System for Communication Access Restriction
08/812,296	07-Mar-1997			Line Isolation Device for Asymmetrical Digital Subscriber Line
08/831,023	01-Apr-1997			System and Method for Identifying the Geographic Region of a Geographic Area which Contains a Geographic Point Associated with a Location
08/760,657	19-Nov-1996	5,732,131	24-Mar-1998	System and Method for Implementing Local Number Portability
08/926,903	10-Sep-1997			Virtual Focus System for a Digital Telepathology Imaging System
08/926,795	10-Sep-1997			Bandwidth Optimization System For A Digital Telepathology Imaging System
08/926,699	10-Sep-1997			Digital Telepathology Imaging System
08/026,052	13-Sep-1996			Digital Telepathology Imaging System
08/989,121	11-Dec-1997			Digital Telepathology Imaging System Programmed For Identifying Image Regions of Potential Interest and Anticipating Sequence of Image Acquisition
08/834,710	01-Apr-1997			System and Method for Identifying a Geographic Point Within a Geographic Section
08/751,059	15-Nov-1996			A System and Method for Testing Subscriber Lines & Terminating Equipment from a Service Platform

Application Number	Filing Date	Patent Number	Issue Date	Title
08/893,794	11-Jul-1997			System and Method for Providing a Busy Signal to a Communication
08/844,751	21-Apr-1997			A System and Methods for Dynamically Processing an Index to Dynamically Create a Set of Questions
08/866,228	30-May-1997			A System and Methods for Routing Information Within an Adaptive Routing Architecture of an Information Retrieval System
08/769,932	19-Dec-1996			Methods and System for Monitoring the Operational Status of a Network Element in an Advanced Intelligent Network
08/846,576	30-Apr-1997			System and Method for Recording Transactions Using a Chronological List Superimposed on an Indexed List
00/054,238	30-Jul-1997			Cellular Docking Station
09/126,268	30-Jul-1998			Cellular Docking Station
00/042,211	31-Mar-1997			A System and Method for Association of Services With Elements of an Organization
09/050,333	30-Mar-1998			A System and Method for Association of Services With Elements of an Organization
00/028,032	08-Oct-1996			Method for Identifying Import of Network Outages
09/950,389	14-Oct-1997			Network Authentication Method for Over the Air Activation
00/027,708	11-Oct-1996			Network Authentication Method for Over the Air Activation
00/813,488	07-Mar-1997			Methods and Systems for Determining the Classification of a Call
08/756,443	26-Nov-1996			A Method and System for Assigning a Communication to a Network of a Service Provider
09/062,628	20-Nov-1996			Push-Button Matrix (Pound One)

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08/906,014	04-Aug-1997			Autodialer For Automatically Placing Telephone Calls Using Several Dialing Plans
09/026,462	19-Feb-1998			Systems and Methods for Acquiring a Digital Control Channel (DCCCH)
08/879,481	20-Jun-1997			Method and Apparatus For Directing A Wireless Communication to A Wireline Unit
08/847,064	01-May-1997			Method for Voice Quality Improvement in a Wireless Transmission System
08/804,712	21-Feb-1997			Debit Service System and Methods for Wireless Units
08/831,040	01-Apr-1997	5,796,634	18-Aug-1998	S&M for Identifying the Geographic Region of a Geographic Area Which Contains a Geographic Zone Associated with a Location
09/063,417	20-Apr-1998			S&M for Identifying the Geographic Region of a Geographic Area Which Contains a Geographic Zone Associated with a Location
08/831,460	31-Mar-1997			Power Amplification System with Intelligent Control of Amplifier Modules
08/969,381	13-Nov-1997			Method and System for Testing a Transmission Line in a Non-Addressable Network for Continuity
09/067,853	27-Apr-1998			Method and System for Providing Bi-Directional Communications to a Broadband Network Without Degrading Downstream Bandwidth
00/064,201	04-Nov-1997			Call Screening Method and Apparatus
08/937,390	25-Sep-1997			Method For Identifying the Source of a Telephonic Communication
08/743,751	07-Nov-1996	5,692,038	25-Nov-1997	Method For Identifying the Source of a Telephonic Communication
08/877,863	18-Jun-1997	5,852,657	22-Dec-1998	Method for Visual Delivery to a Caller of Selected Information Associated with a Telephone Number in an Advanced Intelligent Network via a Public Switch Telephone Network
08/873,341	11-Jun-1997			Method and System for Delivery of a Message to a Display Unit

Application Number	Filing Date	Patent Number	Issue Date	Title
08/967,071	10-Nov-1997			Method and System to Obtain Test Information Regarding an Advanced Service in a Telecommunications System
08/893,792	11-Jul-1997			Method for Providing an Open Interface to Automatic Recall Service
08/957,832	27-Oct-1997			System and Method for Providing Caller Identification in Conjunction with Calling Card Calls
08/986,973	08-Dec-1997			Method and System for Providing Prepaid and Credit-Limited Telephone Services
08/912,190	15-Aug-1997			System and Method for Transmitting Mobile Radio Signals (Tower Power)
08/908,068	11-Aug-1997			System and Method for Automated Provision and Customer Selection of Temporary Advanced Intelligent Network Services
09/107,794	30-Jun-1998			System and Method for Automated Provision and Customer Selection of Temporary Advanced Intelligent Network Services
08/902,778	30-Jul-1997			A System and Method For Wireless Broadcast On Shared Channels
00/068,206	19-Dec-1997			Processes and Systems for Dynamically Measuring Switch Traffic
08/870,369	06-Jun-1997			Processes and Systems for Dynamically Measuring Switch Traffic
08/987,683	09-Dec-1997			System and Method for Automatically Setting a Remote Timepiece with the Correct Time
00/065,958	04-Nov-1997			Outgoing Call Handling System and Method
08/971,394	17-Nov-1997			Apparatus, Systems and Methods for Isolating ADSL Signals from POTS Signals
08/922,620	03-Sep-1997			Systems and Methods for Arranging Records in Search Results to be Provided in Response to a Data Inquiry
08/949,881	14-Oct-1997			A Method and System for Processing a Memory Map to Provide Listing Information Representing Data Within A Database

Application Number	Filing Date	Patent Number	Issue Date	Title
08/958,225	27-Oct-1997			System and Method for Activation of an Enhanced Telecommunication Service
08/909,417	11-Aug-1997			System and Method for Manipulating Data Fields in a Call Structure for Synchronizing Billing Information and Retaining Original Calling Party Information
08/997,709	23-Dec-1997			Communications System and Method Using Partially Non-Geographic Addressing Method For Forming Same
08/903,534	30-Jul-1997			A System and Method For Providing Data Services Using Idle Cell Resources
09/137,027	20-Aug-1998			Method and System for Implementing Calling-Party-Pays Telecommunication Services
09/075,721	11-May-1998			Remote-Splitter Fiber Optic Cable
09/003,578	06-Jan-1998			Method and System for Providing Subscriber Controlled Restricted Access in Telephone Messaging Operations
08/898,573	22-Jul-1997			Apparatus for Protecting Coin-Operated Telephones from Vandalism and Larceny
09/130,565	07-Aug-1998			Method and Apparatus For Implementing International Wireless Roaming
08/934,492	19-Sep-1997			Method and System for Routing Calling Name Queries
08/991,079	16-Dec-1997			Method and Apparatus for Allowing Selective Disposition of An Incoming Telephone Call During An Internet Session
08/982,652	02-Dec-1997			Method For Transferring Switch-Based Information to An External Network Element (related to 97005)
09/049,632	27-Mar-1998			A System and Method for Determining a Desired Listing Using an Intersection of Coverage Areas and a Search Region
09/085,304	28-May-1998			Methods For Detecting Defective Communications Lines
09/015,459	29-Jan-1998			Method and System for Providing Access and Control for Telephone Information Databases

Application Number	Filing Date	Patent Number	Issue Date	Title
09/082,041	20-May-1998			Auxiliary Fold-Out Room
60/071,686	16-Jan-1998			Auxiliary Fold-Out Room
09/050,721	30-Mar-1998			A System and Method for Generating an Invoice to Rebill Charges to the Elements of an Organization
60/042,211	31-Mar-1997			A System and Method for Generating an Invoice to Rebill Charges to the Elements of an Organization
60/064,230	04-Nov-1997			Method and System For Routing Service Calls Made From Resold Lines
60/058,657	11-Sep-1997			Outside Plant Construction Management Systems and Methods
09/132,961	12-Aug-1998			Networks, Systems and Methods for Routing Data Traffic Within a Telephone Network Based on Available Resources
09/034,765	04-Mar-1998			System and Method for Managing Customer Blocking of Advanced Intelligent Network Services
09/102,236	22-Jun-1998			Method To Provide External Billing Control and Programming
09/115,614	15-Jul-1998			Systems and Methods for Extracting Switch Data (Creating Proxy Database)
60/073,909	06-Feb-1998			Method and Apparatus For Facilitating Wireless Number Portability (PROVISIONAL)
09/090,437	04-Jun-1998			System and Method for Temporary Voicemail Service
09/116,167	16-Jul-1998			System and Method for Notifying a Customer of a Call from a Particular Number
09/090,438	04-Jun-1998			Method and System to Connect an Unanswered Forwarded Communication Directly to a Voice Mail Service
09/127,413	31-Jul-1998			Method and System for Creating Automated Voice Response Menus for Telecommunications Services



Application Number	Filing Date	Patent Number	Issue Date	Title
09/139,854	25-Aug-1998			Method and System for Billing Remote Calls as if Made from a Primary Line
09/133,299	12-Aug-1998			Networks, Systems and Methods for Intelligently Routing Traffic Within a Telephone Network (INTRAC)
09/065,810	23-Apr-1998			System and Method for invocation of a Check of a Telecommunications Application Through Use of a Call Probe
60/091,810	06-Jul-1998			Dispatch Application Utilizing Short Message Service on PCS-1900 Cellular Telephones
60/091,260	30-Jun-1998			Method and System for Integrating Wireless and Wireline Centrex Services
60/079,215	24-Mar-1998			Wireless Telemetry Methods and Systems
60/091,373	01-Jul-1998			System and Method for Providing Access to Legacy Systems (TechNet)
09/133,059	12-Aug-1998			Method and System For Providing Roaming Service in a Telecommunications System that is Partially Enabled for Local Number Portability
09/140,302	26-Aug-1998			Method and System for Routing Calls to a Wireless Telecommunications Services Platform

## PATENT ASSIGNMENT

WHEREAS, **BELLSOUTH INTELLECTUAL PROPERTY GROUP, INC.**, a corporation of the State of Georgia, with its principal place of business at BellSouth Corporation, 1155 Peachtree Street, N.E., Suite 16E02, Atlanta, Georgia 30309-3610 (hereinafter called "ASSIGNOR"), is the record owner of the United States Letters Patent and pending United States Patent Applications listed on the attached Schedule A made a part hereof, and the inventions disclosed and claimed therein (the "Patents"); and

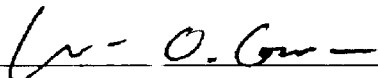
WHEREAS, **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION**, a corporation of the State of Delaware, with its principal place of business at 824 Market Street Wilmington, Delaware 19801 (hereinafter called "ASSIGNEE"), desires to acquire all right, title, and interest in and to the Patents

NOW, THEREFORE, ASSIGNOR does hereby assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, all right, title and interest in and to the Patents, including all claims for past infringement, and all divisions, reexaminations, reissues, substitutions, continuations, continuations-in-part and extensions thereof, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said inventions and all rights to register said inventions in appropriate registries; and the parties acknowledge such transfer constitutes a contribution to the capital of Assignee intended to qualify as a transfer to a corporation controlled by Assignor under Section 351 of the Internal Revenue Code. ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby authorizes and requests issuance of any and all patents on said inventions to **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION**, and asserts that it will not execute any agreements inconsistent therewith.

IN WITNESS HEREOF, the ASSIGNOR has caused this Patent Assignment to be executed by a duly authorized corporate officer to be effective as of 12:01 a.m. (E.D.T.), September 1, 1998. ASSIGNEE, hereby consents to and accepts this Patent Assignment and has caused it to be executed by a duly authorized corporate officer to be effective as of 12:01 a.m. (E.D.T.), September 1, 1998.

**BELLSOUTH INTELLECTUAL PROPERTY GROUP, INC.**

By: 

Name: Keith O. Cowan

Title: President


STATE OF GEORGIA §

§

COUNTY OF FULTON §

§

On this 27<sup>th</sup> day of August, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Keith O. Cowan, known by me to be the person of the above name and an officer of BELLSOUTH INTELLECTUAL PROPERTY GROUP, INC. duly authorized to execute this Patent Assignment on behalf of BELLSOUTH INTELLECTUAL PROPERTY GROUP, INC., who signed and executed the foregoing instrument on behalf of BELLSOUTH INTELLECTUAL PROPERTY GROUP, INC.

  
Notary Public

My Commission Expires: Notary Public, Henry County, Georgia  
My Commission Expires January 24, 2002

**BELLSOUTH INTELLECTUAL PROPERTY  
CORPORATION**


By: 

Name: ROBERT H HAMILTON

Title: PRESIDENT

STATE OF DELAWARE §  
COUNTY OF NEW CASTLE §

On this 27<sup>th</sup> day of August, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared ROBERT H. HAMILTON, known by me to be the person of the above name and an officer of BELLSOUTH INTELLECTUAL PROPERTY CORPORATION duly authorized to execute this Trademark Assignment on behalf of BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, who signed and executed the foregoing instrument on behalf of BELLSOUTH INTELLECTUAL PROPERTY CORPORATION.

  
Notary Public

DEBORAH K. BOWERS  
Notary Public, State of Delaware  
My Commission Expires: My Commission Expires January 8, 2000

# SCHEDULE A

Application Number	Filing Date	Patent Number	Issue Date	Title
06/700,117	11-Feb-1985	4,643,107	17-Feb-1987	Security Vault
101,670	28-Sep-1987	4,799,251	17-Jan-1989	ESS Equipment Testing Device
47,025	05-May-1987	4,818,310	04-Apr-1989	Pressurized Cable Splice Closure Apparatus and Method
07/647,719	28-Jan-1991	5,610,973	11-Mar-1997	Interactive Roamer Contact System for Cellular Mobile Radiotelephone Network
08/468,794	06-Jun-1995	5,588,042	24-Dec-1996	Interactive Roamer Contact System for Cellular Mobile Radiotelephone Network
08/775,224	31-Dec-1996			Interactive Roamer Contact System for Cellular Mobile Radiotelephone Network
713,858	12-Jun-1991	5,496,966	05-Mar-1996	Method for Controlling Indoor Electromagnetic Signal Propagation
07/991,437	16-Dec-1992	5,276,277	04-Jan-1994	Method for Controlling Indoor Electromagnetic Signal Propagation
07/576,662	31-Aug-1990	5,369,711	29-Nov-1994	Improved Automatic Gain Control for a Headset
08/339,302	14-Nov-1994	5,649,286	15-Jul-1997	Method for Managing the Registration of a Wireless Unit (As Amended)
07/575,208	29-Aug-1990	5,054,056	01-Oct-1991	Tamper Deterrent
364,671	07-Apr-1992	5,371,803	06-Dec-1994	Tone Reduction Circuit for a Headset
547,825	02-Jul-1990	5,016,109	14-May-1991	Apparatus & Method for Segmenting a Field of View into Continuous, Non-overlapping Vertical & Horizontal
08/469,491	06-Jun-1995	5,764,747	09-Jun-1998	Personal Number Communication System

Application Number	Filing Date	Patent Number	Issue Date	Title
08/623,121	28-Mar-1996	5,717,741	10-Feb-1998	Personal Number Communication System
08/881,620	24-Jun-1997			Personal Number Communication System
07/995,025	22-Dec-1992	5,363,431	08-Nov-1994	Message Waiting Indicator
08/330,690	28-Oct-1994	5,521,964	28-May-1996	Message Waiting Indicator
08/474,522	07-Jun-1995	5,544,227	06-Aug-1996	Radiotelephone Communications System With Direct Access To Interoffice Telephone Trunk Circuits and Interface Therefor
08/517,648	21-Aug-1995	5,590,171	31-Dec-1996	Methods & Apparatus for Communications Monitoring System
005,350	19-Jan-1993	5,371,797	06-Dec-1994	Secure EFT Transactions from Telephone Set
08/245,457	17-May-1994	5,487,109	23-Jan-1996	End Office of a Telephone System with a Zero Loss Plan
08/010,287	28-Jan-1993	5,499,290	12-Mar-1996	AIN Non-Call Associated Signalling for Service Nodes and Service Control Points in a Telephone System
07/995,031	22-Dec-1992	5,359,641	25-Oct-1994	Improved Telemetry System w/Suppressed Ringing Connection
08/038,000	25-Mar-1993	5,410,589	25-Apr-1995	Traffic Data To Customer Premises
07/938,740	31-Aug-1992	5,243,644	07-Sep-1993	Telemetry Access Arrangement (7-1) Garland
08/025,370	26-Feb-1993	5,471,519	28-Nov-1995	Communications Monitoring and Control System
09/083,452	22-May-1998			Apparatus & Method for Remotely Initiating Operation of a Cellular Telephone
08/482,800	07-Jun-1995	5,485,505	16-Jan-1996	Apparatus & Method for Remotely Initiating Operation of a Cellular Telephone

Application Number	Filing Date	Patent Number	Issue Date	Title
08/472,633	07-Jun-1995	5,812,953	22-Sep-1998	Apparatus & Method for Remotely Initiating Operation of a Cellular Telephone
08/282,279	28-Jul-1994	5,467,955	21-Nov-1995	Antenna Mounting Platform For A Monopole Tower
08/347,604	01-Dec-1995	5,519,768	21-May-1996	Facsimile Detection System and Method
08/497,426	30-Jun-1995	5,724,415	03-Mar-1998	Coin Deflector for a Coin Telephone Receptacle
08/048,650	15-Apr-1993	5,416,831	16-May-1995	System for Communicating w/An ADSI-Compatible Telephone Via A Service Circuit Node
08/204,677	01-Mar-1994	5,533,107	02-Jul-1996	Method for Routing Calls Based on Predetermined Assignments of Callers Geographic Locations
08/268,805	30-Jun-1994	5,724,409	03-Mar-1998	Speed Forwarding System for Number Communication System
08/783,537	14-Jan-1997	5,844,978	01-Dec-1998	Multi-User Telephone Line
08/300,981	06-Sep-1994	5,438,568	01-Aug-1995	Mediation of Open AIN Interface for Public Switched Telephone Network
08/543,513	16-Oct-1995	5,600,710	04-Feb-1997	Method for Providing a Recorded Message to a Telephone Caller When Called Number is Busy
03/292,238	17-Aug-1994	5,548,581	20-Aug-1996	System and Method for Making Connection Acceptance/Rejection Decisions in a Communication System
08/274,832	14-Jul-1994	5,701,352	23-Dec-1997	Tone Suppression Automatic Gain Control for a Headset
08/246,876	20-May-1994	5,430,719	04-Jul-1995	Mediation of Open Advanced Intelligent Network Interface by Shared Execution Environment
08/325,803	19-Oct-1994	5,581,610	03-Dec-1996	Method for Network Traffic Regulation and Management at a Mediated Access Service Control Point in an Open Advanced Intelligent Environment
08/322,583	13-Oct-1994	5,570,410	29-Oct-1996	Dynamic Resource Allocation Process For A Service Control Point in an Advanced Intelligent Network System

Application Number	Filing Date	Patent Number	Issue Date	Title
08/231,282	22-May-1994	5,535,267	09-Jul-1996	Telemetry System with Improved Verification of Telemetry Interface Unit Installation
08/268,623	30-Jun-1994	5,546,574	13-Aug-1996	Peer-to-Peer Data Concurrence Processes and Apparatus
08/269,917	30-Jun-1994	5,579,318	26-Nov-1996	Processes and Apparatus for Maintaining Data Concurrence between Databases in Telecommunications Networks
08/994,531	19-Dec-1997			Assymetrical Data Communications System
08/652,732	22-May-1996	5,805,444	08-Sep-1998	Method and System for Providing a Temporal Interface for Use in Implementing a Process
08/474,540	07-Jun-1995	5,579,384	26-Nov-1996	Data Communication for AIN Service for AIN Service Management System (SMS)
08/198,860	18-Feb-1994	5,583,976	10-Dec-1996	Telecommunications Network Configuration Model for Data Management and Allocation
08/372,571	13-Jan-1995	5,845,211	01-Dec-1998	Wireless Digital Network
08,388,361	14-Feb-1995	5,594,945	14-Jan-1997	Method of Providing Registration Reminder Message to a Roaming Pager Upon Entry into a New Service Area
08/465,418	05-Jun-1995			Methods and Apparatus for Cellular Set Programming
09/019,534	05-Feb-1998			System & Method for Providing Television Services
09/116,325	15-Jul-1998			System & Method for Providing Television Services
09/019,531	05-Feb-1998			System & Method for Providing Television Services
08/428,718	25-Apr-1995	5,818,438	06-Oct-1998	System & Method for Providing Television Services
09/018,767	05-Feb-1998			System & Method for Providing Television Services



Application Number	Filing Date	Patent Number	Issue Date	Title
08/364,207	27-Dec-1994			Optically Isolated Surge Protector for RS-232 and RS-422 Communications
08/254,590	06-Jun-1994	5,701,301	23-Dec-1997	Mediation of Open Advanced Intelligent Network in SS7 Protocol Open Access Environment
08/266,831	28-Jun-1994	5,452,343	19-Sep-1995	Telemetry Access Arrangement (8-2)
08/663,651	14-Jun-1996			Low Power Microcellular Wireless Drop Interactive Network
08/779,306	06-Jan-1997			Method & System for Tracking Network Use
08/982,766	02-Dec-1997			An Adapter and Method for Emulating the Operation of a Peripheral Device of a Computer
09/135,519	17-Aug-1998			Apparatus and Methods for Providing Wireless System Fraud and Visibility Data
08/615,962	14-Mar-1996			Apparatus and Methods for Providing Wireless System Fraud and Visibility Data
08/396,177	24-Feb-1995	5,599,191	04-Feb-1997	Patch Panel Providing 50-Pin Connectors
08/592,286	26-Jan-1996	5,812,640	22-Sep-1998	Systems and Method For Using Alternative Switch Announcements in Advanced Intelligent Network Services
08/702,385	14-Aug-1996	5,774,533	30-Jun-1998	Method and System for Providing a Billing Directed Communication Service
08/908,196	07-Aug-1997			Method for Routing a Call to a Destination Based on Predetermined Call Routing Geographic Area Assignments
08/626,247	29-Mar-1996	5,815,561	29-Sep-1998	Method and System for Providing a Demarcated Communication Service
08/649,436	17-May-1996			Method and System for Transferring a Cellular Telephone Call Between Intelligent Cell Sites
08/673,916	01-Jul-1996	5,838,774	17-Nov-1998	Telephone Polling Method

Application Number	Filing Date	Patent Number	Issue Date	Title
08/511,743	07-Aug-1995			A Method and System to Bypass Alternate Routing Plans Applied to Directory Numbers
09/079,979	15-May-1998			Methods and Systems for Obtaining Processing Information Relating To A Communication
08/570,093	11-Dec-1995			Method and System for Routing a call to a Destination Based on Range Identifiers for Geographic Area Assignments
08/996,930	23-Dec-1997			Method and System for Transmitting Information to a Cellular Telephone
08/705,426	29-Aug-1996			Portable Radiotelephone With Sliding Cover and Automatic Antenna Extension
08/620,373	22-Mar-1996			Method for Activating and Servicing a Cellular Telephone
08/570,912	12-Dec-1995			Methods and Apparatus for Locking Communications Devices
08/682,368	17-Jul-1996			Call Forwarding on Busy or No Answer When Call Waiting is Active
09/033,920	03-Mar-1998			Call Forwarding on Busy or No Answer When Call Waiting is Active
08/856,309	14-May-1997			Switch-Based Line Continuity Verification Method and System
08/768,126	17-Dec-1996			A Method & Apparatus for Routing Calls Based on Call Success History
08/876,839	16-Jun-1997			A Method and Apparatus for Routing Calls Based on the Identification of the Calling Party or Calling Line
08/756,017	25-Nov-1996			A Method of Limiting Access to the Data Stored in a Cellular Telephone
08/601,962	15-Feb-1996			A Method and System for Interfacing an ATM Switch and an Optical Network Wherein Bandwidth is Maximized and Non-Local Data Streams are Grouped into Destination Groups (as amended)
08/792,246	31-Jan-1997			Portable Radiotelephone for Automatically Dialing a Central Voice-Activated Dialing System

Application Number	Filing Date	Patent Number	Issue Date	Title
08/593,122	01-Feb-1996	5,802,513	01-Sep-1998	A Method and System for Distance Determination and Use of the Distance Determination
08/679,965	15-Jul-1996			Method and System For Providing Access To A Distributed Computing Network
08/684,450	19-Jul-1996	5,748,717	05-May-1998	Method and System for Assigning A Communication to a Preferred Carrier For Accounting and/or Communication Routing Purposes
08/527,855	14-Sep-1995	5,740,237	14-Apr-1998	Method and System for a Singular Activation of a Redirection Service Without General Activation of the Service
08/811,895	05-Mar-1997			Method and Apparatus for Automating the Management of a Database
08/634,279	18-Apr-1996			Method and System to Transmit Video/Data Signals from a Device to a Communications Network Connection Card
08/756,442	26-Nov-1996			System and Method for Providing Directory Assistance Information
08/656,561	31-May-1996			A System and Method for Telecommunication Extension Service
08/639,263	24-Apr-1996			A Method and Apparatus for Signal Routing in an Optical network and an ATM System
08/738,009	25-Oct-1996	5,854,836	29-Dec-1998	Method and System for Utilizing an Information Delivery Service in a Local Number Portability Environment
08/748,289	13-Nov-1996	5,850,432	15-Dec-1998	Method and System for Capturing and Recording Information Associated with a Dial-Around Call
08/779,038	06-Jan-1997			System for Delivering Certified Facsimile Messages
08/938,249	26-Sep-1997			Method and System for Transmitting Call Related Information from a Telecommunications Network to a Pager
50/054,243	30-Jul-1997			Home Base Station Controller
08/665,823	19-Jun-1996			A Method and System for Communication Access Restriction

Application Number	Filing Date	Patent Number	Issue Date	Title
08/812,296	07-Mar-1997			Line Isolation Device for Asymmetrical Digital Subscriber Line
08/831,023	01-Apr-1997			System and Method for Identifying the Geographic Region of a Geographic Area which Contains a Geographic Point Associated with a Location
08/760,657	19-Nov-1996	5,732,131	24-Mar-1998	System and Method for Implementing Local Number Portability
08/926,903	10-Sep-1997			Virtual Focus System for a Digital Telepathology Imaging System
08/926,795	10-Sep-1997			Bandwidth Optimization System For A Digital Telepathology Imaging System
08/926,699	10-Sep-1997			Digital Telepathology Imaging System
06/026,052	13-Sep-1996			Digital Telepathology Imaging System
08/989,121	11-Dec-1997			Digital Telepathology Imaging System Programmed For Identifying Image Regions of Potential Interest and Anticipating Sequence of Image Acquisition
08/834,710	01-Apr-1997			System and Method for Identifying a Geographic Point Within a Geographic Section
08/751,059	15-Nov-1996			A System and Method for Testing Subscriber Lines & Terminating Equipment from a Service Platform
08/893,794	11-Jul-1997			System and Method for Providing a Busy Signal to a Communication
08/844,751	21-Apr-1997			A System and Methods for Dynamically Processing an Index to Dynamically Create a Set of Questions
08/866,228	30-May-1997			A System and Methods for Routing Information Within an Adaptive Routing Architecture of an Information Retrieval System
08/769,932	19-Dec-1996			Methods and System for Monitoring the Operational Status of a Network Element in an Advanced Intelligent Network
08/846,576	30-Apr-1997			System and Method for Recording Transactions Using a Chronological List Superimposed on an Indexed List

Application Number	Filing Date	Patent Number	Issue Date	Title
30/054,238	30-Jul-1997			Cellular Docking Station
39/126,268	30-Jul-1998			Cellular Docking Station
30/042,211	31-Mar-1997			A System and Method for Association of Services With Elements of an Organization
39/050,333	30-Mar-1998			A System and Method for Association of Services With Elements of an Organization
30/028,032	08-Oct-1996			Method for Identifying Import of Network Outages
38/950,389	14-Oct-1997			Network Authentication Method for Over the Air Activation
30/027,708	11-Oct-1996			Network Authentication Method for Over the Air Activation
38/813,488	07-Mar-1997			Methods and Systems for Determining the Classification of a Call
38/756,443	26-Nov-1996			A Method and System for Assigning a Communication to a Network of a Service Provider
29/062,628	20-Nov-1996			Push-Button Matrix (Pound One)
38/906,014	04-Aug-1997			Autodialer For Automatically Placing Telephone Calls Using Several Dialing Plans
39/026,462	19-Feb-1998			Systems and Methods for Acquiring a Digital Control Channel (DCCH)
38/879,481	20-Jun-1997			Method and Apparatus For Directing A Wireless Communication to A Wireline Unit
38/847,064	01-May-1997			Method for Voice Quality Improvement in a Wireless Transmission System
38/804,712	21-Feb-1997			Debit Service System and Methods for Wireless Units

Application Number	Filing Date	Patent Number	Issue Date	Title
08/831,040	01-Apr-1997	5,796,634	18-Aug-1998	S&M for Identifying the Geographic Region of a Geographic Area Which Contains a Geographic Zone Associated with a Location
09/063,417	20-Apr-1998			S&M for Identifying the Geographic Region of a Geographic Area Which Contains a Geographic Zone Associated with a Location
08/831,460	31-Mar-1997			Power Amplification System with Intelligent Control of Amplifier Modules
08/969,381	13-Nov-1997			Method and System for Testing a Transmission Line in a Non-Addressable Network for Continuity
09/067,853	27-Apr-1998			Method and System for Providing Bi-Directional Communications to a Broadband Network Without Degrading Downstream Bandwidth
00/064,201	04-Nov-1997			Call Screening Method and Apparatus
08/937,390	25-Sep-1997			Method For Identifying the Source of a Telephonic Communication
08/743,751	07-Nov-1996	5,692,038	25-Nov-1997	Method For Identifying the Source of a Telephonic Communication
08/877,863	18-Jun-1997	5,852,657	22-Dec-1998	Method for Visual Delivery to a Caller of Selected Information Associated with a Telephone Number in an Advanced Intelligent Network via a Public Switch Telephone Network
08/873,341	11-Jun-1997			Method and System for Delivery of a Message to a Display Unit
08/967,071	10-Nov-1997			Method and System to Obtain Test Information Regarding an Advanced Service in a Telecommunications System
08/893,792	11-Jul-1997			Method for Providing an Open Interface to Automatic Recall Service
08/957,832	27-Oct-1997			System and Method for Providing Caller Identification in Conjunction with Calling Card Calls
08/986,973	08-Dec-1997			Method and System for Providing Prepaid and Credit-Limited Telephone Services
08/912,190	15-Aug-1997			System and Method for Transmitting Mobile Radio Signals (Tower Power)

Application Number	Filing Date	Patent Number	Issue Date	Title
08/908,068	11-Aug-1997			System and Method for Automated Provision and Customer Selection of Temporary Advanced Intelligent Network Services
09/107,794	30-Jun-1998			System and Method for Automated Provision and Customer Selection of Temporary Advanced Intelligent Network Services
08/902,778	30-Jul-1997			A System and Method For Wireless Broadcast On Shared Channels
60/068,206	19-Dec-1997			Processes and Systems for Dynamically Measuring Switch Traffic
08/870,369	06-Jun-1997			Processes and Systems for Dynamically Measuring Switch Traffic
08/987,683	09-Dec-1997			System and Method for Automatically Setting a Remote Timepiece with the Correct Time
60/065,958	04-Nov-1997			Outgoing Call Handling System and Method
08/971,394	17-Nov-1997			Apparatus, Systems and Methods for Isolating ADSL Signals from POTS Signals
08/922,620	03-Sep-1997			Systems and Methods for Arranging Records in Search Results to be Provided in Response to a Data Inquiry
08/949,881	14-Oct-1997			A Method and System for Processing a Memory Map to Provide Listing Information Representing Data Within A Database
08/958,225	27-Oct-1997			System and Method for Activation of an Enhanced Telecommunication Service
08/909,417	11-Aug-1997			System and Method for Manipulating Data Fields in a Call Structure for Synchronizing Billing Information and Retaining Original Calling Party Information
08/997,709	23-Dec-1997			Communications System and Method Using Partially Non-Geographic Addressing Method For Forming Same
08/903,534	30-Jul-1997			A System and Method For Providing Data Services Using Idle Cell Resources
09/137,027	20-Aug-1998			Method and System for Implementing Calling-Party-Pays Telecommunication Services

Application Number	Filing Date	Patent Number	Issue Date	Title
09/075,721	11-May-1998			Remote-Splitter Fiber Optic Cable
09/003,578	06-Jan-1998			Method and System for Providing Subscriber Controlled Restricted Access in Telephone Messaging Operations
08/898,573	22-Jul-1997			Apparatus for Protecting Coin-Operated Telephones from Vandalism and Larceny
09/130,565	07-Aug-1998			Method and Apparatus For Implementing International Wireless Roaming
08/934,492	19-Sep-1997			Method and System for Routing Calling Name Queries
08,991,079	16-Dec-1997			Method and Apparatus for Allowing Selective Disposition of An Incoming Telephone Call During An Internet Session
08/982,652	02-Dec-1997			Method For Transferring Switch-Based Information to An External Network Element (related to 97005)
09/049,632	27-Mar-1998			A System and Method for Determining a Desired Listing Using an Intersection of Coverage Areas and a Search Region
09/085,304	28-May-1998			Methods For Detecting Defective Communications Lines
09/015,459	29-Jan-1998			Method and System for Providing Access and Control for Telephone Information Databases
09/082,041	20-May-1998			Auxiliary Fold-Out Room
00/071,686	16-Jan-1998			Auxiliary Fold-Out Room
09/050,721	30-Mar-1998			A System and Method for Generating an Invoice to Rebill Charges to the Elements of an Organization
00/042,211	31-Mar-1997			A System and Method for Generating an Invoice to Rebill Charges to the Elements of an Organization
00/064,230	04-Nov-1997			Method and System For Routing Service Calls Made From Resold Lines



Application Number	Filing Date	Patent Number	Issue Date	Title
60/058,657	11-Sep-1997			Outside Plant Construction Management Systems and Methods
09/132,961	12-Aug-1998			Networks, Systems and Methods for Routing Data Traffic Within a Telephone Network Based on Available Resources
09/034,765	04-Mar-1998			System and Method for Managing Customer Blocking of Advanced Intelligent Network Services
09/102,236	22-Jun-1998			Method To Provide External Billing Control and Programming
09/115,614	15-Jul-1998			Systems and Methods for Extracting Switch Data (Creating Proxy Database)
60/073,909	06-Feb-1998			Method and Apparatus For Facilitating Wireless Number Portability (PROVISIONAL)
09/090,437	04-Jun-1998			System and Method for Temporary Voicemail Service
09/116,167	16-Jul-1998			System and Method for Notifying a Customer of a Call from a Particular Number
09/090,438	04-Jun-1998			Method and System to Connect an Unanswered Forwarded Communication Directly to a Voice Mail Service
09/127,413	31-Jul-1998			Method and System for Creating Automated Voice Response Menus for Telecommunications Services
09/139,854	25-Aug-1998			Method and System for Billing Remote Calls as if Made from a Primary Line
09/133,299	12-Aug-1998			Networks, Systems and Methods for Intelligently Routing Traffic Within a Telephone Network (INTRAC)
09/065,810	23-Apr-1998			System and Method for Invocation of a Check of a Telecommunications Application Through Use of a Call Probe
60/091,810	06-Jul-1998			Dispatch Application Utilizing Short Message Service on PCS-1900 Cellular Telephones
60/091,260	30-Jun-1998			Method and System for Integrating Wireless and Wireline Centrex Services

Application Number	Filing Date	Patent Number	Issue Date	Title
60/079,215	24-Mar-1998			Wireless Telemetry Methods and Systems
60/091,373	01-Jul-1998			System and Method for Providing Access to Legacy Systems (TechNet)
09/133,059	12-Aug-1998			Method and System For Providing Roaming Service in a Telecommunications System that is Partially Enabled for Local Number Portability
09/140,302	26-Aug-1998			Method and System for Routing Calls to a Wireless Telecommunications Services Platform