

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Comcast MO Group, Inc.	09/08/2008

RECEIVING PARTY DATA

Name:	Qwest Communications International Inc.
Street Address:	1801 California St.
City:	Denver
State/Country:	COLORADO
Postal Code:	80202

PROPERTY NUMBERS Total: 74

Property Type	Number
Application Number:	08203182
Application Number:	08226789
Application Number:	08498824
Application Number:	08208767
Application Number:	08558203
Application Number:	08282863
Application Number:	08791668
Application Number:	08321950
Application Number:	08801094
Application Number:	08282945
Application Number:	08252035
Application Number:	08659172
Application Number:	08237648
Application Number:	08585148
Application Number:	08321714

PATENT

500665163

REEL: 021624 FRAME: 0155

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Application Number:	08682396
Application Number:	08416423
Application Number:	08410369
Application Number:	08827666
Application Number:	08801543
Application Number:	08314477
Application Number:	08718795
Application Number:	08616229
Application Number:	08368178
Application Number:	08416255
Application Number:	08572095
Application Number:	08406352
Application Number:	08990045
Application Number:	08381657
Application Number:	08427536
Application Number:	08501852
Application Number:	08398232
Application Number:	08680893
Application Number:	08921979
Application Number:	08314180
Application Number:	08314486
Application Number:	08370065
Application Number:	08584415
Application Number:	08370145
Application Number:	08584414
Application Number:	08674437
Application Number:	08572302
Application Number:	08491002
Application Number:	09002075
Application Number:	09057214
Application Number:	08577192
Application Number:	08749901
Application Number:	08665228
Application Number:	08664490
Application Number:	08613962

Application Number:	08497721
Application Number:	08541388
Application Number:	08585347
Application Number:	09052892
Application Number:	08614419
Application Number:	08587115
Application Number:	08664207
Application Number:	08587126
Application Number:	08956677
Application Number:	08587125
Application Number:	08587124
Application Number:	08584649
Application Number:	08584504
Application Number:	08609574
Application Number:	08648465
Application Number:	08702335
Application Number:	08584876
Application Number:	29050148
Application Number:	29050849
Application Number:	29048260
Application Number:	08681024
Application Number:	08843980
Application Number:	08715970
Application Number:	08695097

# CORRESPONDENCE DATA

Fax Number: (303)383-6755

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

Phone: 303-383-6602

Email: teas@qwest.com

Correspondent Name: Mollybeth Kocialski

Address Line 1: 1801 California St., #900

Address Line 4: Denver, COLORADO 80202

ATTORNEY DOCKET NUMBER:

COMCAST

NAME OF SUBMITTER:

Mollybeth Kocialski

Total Attachments: 12

**PATENT**  
**REEL: 021624 FRAME: 0157**

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## ASSIGNMENT OF LETTERS PATENT AND APPLICATIONS FOR LETTERS PATENT

THIS ASSIGNMENT OF LETTERS PATENT AND APPLICATIONS FOR LETTERS PATENT (this "**Assignment**") is made this 8 day of ~~August~~ September, 2008, by Comcast MO Group, Inc., a Delaware corporation, having a principle place of business at 1701 JFK Blvd., Philadelphia, PA 19103 ("**Comcast**").

WHEREAS, Comcast is a joint owner by assignment of an undivided right, title and interest in, to and under the national and multinational patents and patent applications listed in Schedule A (including all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof) registered or applied for in the United States and all other nations throughout the world; all improvements to the inventions disclosed in each such patent or patent application; all rights in all of the foregoing provided by treaties, conventions and common law and all rights to sue or recover and retain damages and costs and attorneys' fees for past, present and future infringement or misappropriation of any of the foregoing (collectively, the "**Scheduled Patents**");

WHEREAS, Qwest Communications International, Inc., a Delaware corporation, having a principle place of business at 1801 California Street, Denver, CO 80202 ("**Qwest**") is desirous of acquiring Comcast's entire worldwide right, title and interest in, to and under the Scheduled Patents.

WHEREAS, US West, Inc. (subsequently renamed MediaOne Group, Inc.) and USW-C, Inc. (subsequently renamed US West, Inc.) entered into a Separation Agreement dated June 5, 1998 which included a Letter Agreement, dated June 12, 1998 in which ownership of various patents and patent applications was allocated to the two companies.

WHEREAS, US West, Inc. (the renamed company) has merged with Qwest and MediaOne Group, Inc. (after merging with Meteor Acquisition, Inc. and a name change to MediaOne Group, Inc.) has been renamed Comcast MO Group, Inc. and in accordance with the terms and conditions of the Letter Agreement, Comcast is obligated to transfer its ownership rights in the US West Controlled Patents, as defined in the Letter Agreement and as set forth in Schedule A, to Qwest.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and pursuant to the Letter Agreement and not intending to exceed the scope set forth therein, the parties, intending to be legally bound, agree as follows:

Comcast does hereby sell, assign and transfer unto Qwest, the entire worldwide right, title and interest in and to the Scheduled Patents and all letters patents in all countries of the world based thereon or corresponding thereto, and all divisional, continuing, continuation-in-part, and reissue applications and extensions and reexaminations therefor, and the patents which may be thereupon issued, including any and all rights to file applications and receive patents, including the right to claim priority to any of the

foregoing, in all countries of the world, the same to be held and enjoyed by Qwest for its own use and enjoyment and the use and enjoyment of its successors, assigns or other legal representatives to the full end of the term for which said letters patent may be granted, as fully and entirely as the same would have been held and enjoyed by Comcast had this assignment not been made including the entire worldwide right, title and interest in and to all causes of action and enforcement rights, whether currently pending, filed or otherwise, for the Patents, including but not limited to all rights to sue third parties for patent infringement and to collect damages accrued based on activities occurring prior to the execution date hereof, including but not limited to all rights to recover damages for infringement of provisional rights; and Comcast hereby agrees to sign all necessary papers and do all lawful acts reasonably requisite in connection with the prosecution, assignment, enforcement and disclaimer of each and every patent application based upon the Scheduled Patents, without further compensation, but at the expense of Qwest or its successors and assigns, and Comcast assigns to Qwest all rights to sue, counterclaim and recover any awarded damages for its own use, for past, present and future infringement of the rights assigned or to be assigned under this Agreement.

Comcast agrees that, upon request it will, at any time without charging a fee to Qwest but at Qwest's expense for any reasonable costs incurred, furnish all necessary documentation relating to or supporting chain of title and to confirm Qwest's ownership of all right, title, and interest in and to the Scheduled Patents, provide testimony at any time in connection with any proceedings affecting the right, title, interest or benefit of Qwest in, to or under the Scheduled Patents and sign and deliver all papers, take all rightful oaths, and do all acts which may be reasonably necessary for vesting title to the Scheduled Patents in Qwest, its successors, assigns and legal representatives or nominees. In the event Comcast fails to execute such documentation after a reasonable amount of time, Comcast hereby appoints Qwest with full and complete authority and power of attorney to act in the stead of Comcast and to execute and record as its attorney-in-fact such transfer documentation.

Comcast does hereby authorize and request the officials of all countries in which patents relating to the Scheduled Patents are now or in the future will be issued to issue to Qwest all of Comcast's entire right, title and interest in and to the same for the sole use and enjoyment of Qwest, its successors and assigns.

IN WITNESS WHEREOF, Comcast has caused this Assignment to be executed.

Comcast MO Group, Inc.

By: \_\_\_\_\_

Name: TONY WERNER

Title: CTO & EVP

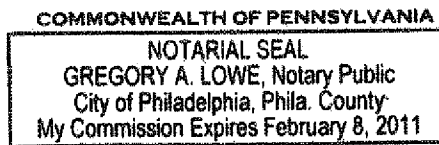
STATE OF Pennsylvania

COUNTY OF Philadelphia ) SS.:

BEFORE ME, the undersigned authority, a Notary Public in and for said County and State, on this day personally appeared Anthony K. Ernst the [officer] of Comcast MO Group, Inc., known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of such Corporation, and that he executed the same for and as the act of such Corporation for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 8<sup>th</sup> day of September, 2008.

Name. GREGORY A. LOWE  
Notary Public



## Schedule A

	CASE	APP. NO.	FILE DATE	PATENT	ISSUE	TITLE
1	1011	07/136742	12/22/87	4914689	04/03/90	REVERSE AUTOMATIC NUMBER IDENTIFICATION SYSTEM
2	1023DES	07/160082	02/25/88	D309630	07/31/90	FONT TYPE OR THE LIKE
3	1026	07/458158	12/28/89	5255346	10/19/93	METHOD AND APPARATUS FOR DESIGN OF A VECTOR QUANTIZER
4	1033	07/519128	05/04/90	5218649	06/08/93	IMAGE ENHANCEMENT SYSTEM
5	1045	07/767476	09/30/91	5388185	02/07/95	SYSTEM FOR ADAPTIVE PROCESSING OF TELEPHONE VOICE SIGNALS
6	1046C	08/073,997	06/09/03	N/A	N/A	APPARATUS FOR IMPROVING EYE CONTACT IN TELECONFERENCING
7	1047	07/630035	12/19/90	5218627	06/08/93	DECENTRALIZED VIDEO TELECOMMUNICATION SYSTEM
8	1048	07/673238	03/20/91	5222080	06/22/93	METHOD AND APPARATUS FOR SIGNAL RECONSTRUCTION
9	1058	07/957,409	10/05/92	N/A	N/A	VOICE RECOGNITION SYSTEM
10	1061	07/977982	11/18/92	5774887		CUSTOMER SERVICE ELECTRONIC FORM GENERATING SYSTEM
11	1062	07/747151	08/16/91	5379337	01/03/95	METHOD AND SYSTEM FOR PROVIDING EMERGENCY CALL SERVICE
12	1063	07/629508	12/08/90	5137194	08/11/92	LADDER SUPPORT RACK
13	1067	07/745662	08/16/91	5323444	06/21/94	EMERGENCY CALL SYSTEM WITH CALL CAPACITY/LAST CHANCE ROUTING FEATURE
14	1070	07/761190	09/18/91	5165008	11/17/92	SPEECH SYNTHESIS USING PERCEPTUAL LINEAR PREDICTION PARAMETERS
15	1071	07/959767	10/13/92	5448631	09/05/95	APPARATUS FOR HANDLING FEATURES IN A TELEPHONE NETWORK
16	1075	07/834605	02/12/92	5276679	01/04/94	METHOD FOR MAINTAINING CHANNELS AND A SUBSCRIBER STATION FOR USE IN AN ISDN SYSTEM
17	1075RE	08/582,680	01/04/96	N/A	N/A	METHOD FOR MAINTAINING CHANNELS AND A SUBSCRIBER STATION FOR USE IN AN ISDN SYSTEM
18	1076C	08/744679	11/06/96	5715303	02/03/98	METHOD AND SYSTEM FOR CONFIGURING A TELECOMMUNICATION SWITCH AND IDENTIFYING A RECORD GENERATED BY SAME
20	1083C	08/977694	11/25/97	5978454	11/02/99	METHOD AND INSTRUCTION FOR FAX MAIL USER INTERFACE
21	1084	08/089146	07/08/93	5425077	06/13/95	MOBILE TELEPHONE USER INTERFACE INCLUDING FIXED AND DYNAMIC FUNCTION KEYS AND METHOD OF USING THE SAME
22	1084C2	08/664876	06/17/96	5633912	05/27/97	USER INTERFACE FOR MOBILE TELEPHONES AND METHOD OF USING THE SAME
23	1084DES	29/010467	07/08/93	D351594	10/18/94	MOBILE TELEPHONE HANDSET
24	1086	07/912877	07/13/92	5313280	05/17/94	METHOD AND APPARATUS FOR TESTING CODEC DEVICES
25	1089C	08/741,298	10/29/96	5794680	06/30/98	METHOD AND SYSTEM FOR PROVIDING USER ACCESS TO COMPLEX INFORMATION THROUGH INTERACTIVE VOICE DIALOGUE
26	1090	08/015756	02/10/93	6396597	05/28/02	COMPUTER NETWORK BASED FACSIMILE RECEPTION SYSTEM
27	1097CIPC	08/655516	05/30/96	5821930	10/13/98	METHOD AND SYSTEM FOR GENERATING A WORKING WINDOW IN A COMPUTER SYSTEM



## Schedule A

	CASE	APP. NO.	FILE DATE	PATENT	ISSUE	TITLE
28	1097CIP	08/294268	08/23/94	5568604	10/22/96	METHOD AND SYSTEM FOR GENERATING A WORKING WINDOW IN A COMPUTER SYSTEM
29	1098	08/186202	01/25/94	5572573	11/05/96	REMOVABLE USER INTERFACE FOR USE WITH INTERACTIVE ELECTRONIC DEVICES
30	1100	08/096945	07/26/93	5440623	08/08/95	TELEPHONE ROUTING SYSTEM WITH QUEUING AND VOICE MESSAGING CAPABILITIES
31	1101	08/041578	04/01/93	5452340	09/19/95	METHOD OF A VOICE ACTIVATED TELEPHONE DIALING
32	1102C2	08/381147	01/30/95	5457738	10/10/95	METHOD AND SYSTEM FOR SEARCHING AN ONLINE DIRECTORY AT A TELEPHONE STATION
33	1103CIP	08/412312	03/16/95	5943055	08/24/99	COMPUTER INTERFACE METHOD AND SYSTEM
34	1107CIP	08/460193	06/02/95	5550971	08/27/96	METHOD AND SYSTEM FOR GENERATING A USER INTERFACE ADAPTABLE TO VARIOUS DATABASE MANAGEMENT SYSTEMS
35	1108C	08/557927	11/14/95	5727058	03/10/98	APPARATUS AND METHOD FOR ROUTING COMMUNICATIONS TO A VARIETY OF CPE DEVICES
36	1110C	08/541713	10/10/95	5805688	09/08/98	AUTOMATED SYSTEM AND METHOD FOR CALL HANDLING
37	1111	08/574527	12/19/95	5737719	04/07/98	METHOD AND APPARATUS FOR ENHANCEMENT OF TELEPHONIC SPEECH SIGNALS
38	1114	08/808708	07/08/93	6169904	01/02/01	SYSTEM AND METHOD FOR AUTOMATICALLY DISTRIBUTING COMMUNICATIONS TO SELECTED LOCATIONS
39	1115	08/088708	07/08/93	6169904	01/02/01	SYSTEM AND METHOD FOR AUTOMATICALLY DISTRIBUTING COMMUNICATIONS TO SELECTED LOCATIONS
40	1121C	08/850,976	05/05/97	N/A	N/A	COMPUTER BASED METHOD AND APPARATUS FOR CLASSIFYING STATEMENT TYPES BASED ON INTONATION ANALYSIS
41	1121C2	09/083449	05/22/98	5995924	11/30/99	COMPUTER BASED METHOD AND APPARATUS FOR CLASSIFYING STATEMENT TYPES BASED ON INTONATION ANALYSIS
42	1127	08/130477	10/01/93	5479495	12/26/95	METHOD AND SYSTEM FOR AUTOMATICALLY ACCESSING AND INVOKING SWITCH-BASED SERVICES IN AN ADVANCED INTELLIGENT NETWORK
43	1129	08/131045	10/01/93	5508999	04/16/96	METHOD AND SYSTEM FOR DESIGNING LEAST COST LOCAL ACCESS NETWORKS
44	1130	08/130350	10/01/93	5515367	05/07/96	METHOD AND SYSTEM FOR PLANNING AND INSTALLING COMMUNICATION NETWORKS
45	1131	08/158128	11/24/93	5450317	09/12/95	METHOD AND SYSTEM FOR OPTIMIZED LOGISTICS PLANNING
46	1132	08/345,143	11/28/94	N/A	N/A	METHOD AND SYSTEM FOR PROVIDING SECURE INTERCONNECTION BETWEEN TERMINALS IN A TELECOMMUNICATION EXCHANGE

## Schedule A

	CASE	APP. NO.	FILE DATE	PATENT	ISSUE	TITLE
47	1134	08/202312	02/28/94	5425091	06/13/95	METHOD AND SYSTEM FOR PROVIDING AN AUTOMATIC CUSTOMER CALLBACK SERVICE
48	1138	08/322647	10/13/94	5535263	07/09/96	METHOD FOR RECORDING SUBSCRIBER SPECIFIC MESSAGES IN AN ADVANCED INTELLIGENT NETWORK
49	1139	08/267090	06/27/94	5533106	07/02/96	METHOD AND SYSTEM FOR PROCESSING CALLS WHEREIN THE DISPLAY OF CALLING PARTY ID INFORMATION HAS BEEN INHIBITED
50	1141	08/223888	04/06/94	5793758	08/11/98	METHOD AND SYSTEM FOR WIRELESS COMMUNICATION OF A DATAGRAM
51	1143	08/203182	02/28/94	5420914	05/30/95	SYSTEM AN METHOD FOR REAL TIME CARRIER SELECTION
52	1144	08/226789	04/12/94	5457736	10/10/95	SYSTEM AND METHOD FOR PROVIDING MICROCELLULAR PERSONAL COMMUNICATIONS SERVICES (PCS) UTILIZING EMBEDDED SWITCHES
53	1144CIP	08/498824	07/06/95	5793762	08/11/98	SYSTEM AND METHOD FOR PROVIDING INTERNET DATA AND VOICE SERVICES TO MOBILE SUBSCRIBERS
54	1146	08/208767	03/09/94	5561711	10/01/96	PREDICTIVE CALLING SCHEDULING SYSTEM AND METHOD
55	1147C	08/558203	11/16/95	5629978	05/13/97	SERVICE DELIVERY USING BROADBAND
56	1149	08/282863	07/29/94	5524227	06/04/96	METHOD AND SYSTEM FOR FORMATTING ADDRESS STRINGS INTO RECOGNIZABLE TOKEN SEQUENCES
57	1150C	08/791668	01/30/97	5822592	10/13/98	METHOD AND SYSTEM FOR DETERMINING SOURCE CODE LOCATION
58	1151	08/321950	10/12/94	5649113	07/15/97	METHOD AND SYSTEM FOR TRANSLATING AN OPTIMIZATION PROBLEM FOR USE IN EFFICIENT RESOURCE ALLOCATION
59	1151CIP	08/801094	02/14/97	5884276	03/16/99	SYSTEM FOR TRANSLATING AN OPTIMIZATION PROBLEM FOR USE IN EFFICIENT RESOURCE ALLOCATION
60	1152	08/282945	07/29/94	5724597	03/03/98	METHOD AND SYSTEM FOR MATCHING NAMES AND ADDRESSES
61	1153	08/252035	05/31/94	5564021	10/08/96	METHOD FOR ASSIGNING INTER-NODAL TRAFFIC LOADS TO CHANNELS IN SONET RINGS
62	1153D	08/659172	06/05/96	5729692	03/17/98	METHOD FOR ASSIGNING INTER-NODAL TRAFFIC LOADS TO CHANNELS IN SONET RINGS
63	1154	08/237648	05/04/94	5597312	01/28/97	INTELLIGENT TUTORING METHOD AND SYSTEM
64	1156C	08/585148	01/11/96	5673386	09/30/97	METHOD AND SYSTEM FOR IDENTIFICATION OF SOFTWARE APPLICATION FAULTS
65	1158	08/321714	10/12/94	5694598	12/02/97	METHOD FOR MAPPING DATA BETWEEN A RELATIONAL FORMAT AND AN OBJECT-ORIENTED FORMAT
66	1159C	08/682396	07/17/96	5694558	12/02/97	METHOD AND SYSTEM FOR INTERACTIVE OBJECT-ORIENTED DIALOGUE MANAGEMENT
67	1160	08/416423	04/04/95	5715432	02/03/98	METHOD AND SYSTEM FOR DEVELOPING NETWORK ANALYSIS AND MODELING APPLICATIONS

## Schedule A

	CASE	APP. NO.	FILE DATE	PATENT	ISSUE	TITLE
68	1165	08/410369	03/24/95	5623492	04/22/97	METHODS AND SYSTEMS FOR MANAGING BANDWIDTH RESOURCES IN A FAST PACKET SWITCHING NETWORK
69	1165C	08/827666	04/10/97	5812525	09/22/98	METHODS AND SYSTEMS FOR MANAGING BANDWIDTH RESOURCES IN A FAST PACKET SWITCHING NETWORK
70	1165CIPC	08/801543	02/18/97	5706279	01/06/98	METHODS AND SYSTEMS FOR MANAGING PACKET FLOW INTO A FAST PACKET SWITCHING NETWORK
71	1166	08/314477	09/28/94	5602903	02/11/97	POSITIONING SYSTEM AND METHOD
72	1166C	08/718795	09/24/96	5960341	09/28/99	POSITIONING SYSTEM HAVING A REMEASUREMENT DATA BANK
73	1166CIP	08/616229	03/15/96	5768686	06/16/98	METHOD AND SYSTEM FOR POSITION DETERMINATION USING VIDEO DIAL TONE
74	1167	08/368178	01/04/95	5685000	11/04/97	METHOD FOR PROVIDING A LINGUISTICALLY COMPETENT DIALOGUE WITH A COMPUTERIZED SERVICE REPRESENTATIVE
75	1171	08/416255	04/04/95	5615254	03/25/97	METHODS AND SYSTEMS FOR DYNAMIC ROUTING IN A SWITCHED COMMUNICATION NETWORK
76	1172	08/572095	12/14/95	5832439	11/03/98	METHOD AND SYSTEM FOR LINGUISTIC COMMAND PROCESSING
77	1173	08/406352	03/17/95	5761638	06/02/98	TELEPHONE NETWORK APPARATUS AND METHOD USING ECHO DELAY AND ATTENUATION
78	1173C	08/990045	12/12/97	5999901	12/07/99	TELEPHONE NETWORK APPARATUS AND METHOD USING ECHO DELAY AND ATTENUATION
79	1174	08/381657	01/31/95	5615121	03/25/97	SYSTEM AND METHOD FOR SCHEDULING SERVICE PROVIDERS TO PERFORM CUSTOMER SERVICE REQUESTS
80	1175	08/427536	04/24/95	5675753	10/07/97	METHOD AND SYSTEM FOR PRESENTING AN ELECTRONIC USER-INTERFACE SPECIFICATION
81	1181	08/501852	07/13/95	5684921	11/04/97	METHOD AND SYSTEM FOR IDENTIFYING A CORRUPTED SPEECH MESSAGE SIGNAL
82	1184	08/398,232	03/03/95	N/A	N/A	METHOD AND SYSTEM FOR ENTERING ALPHANUMERIC CHARACTERS INTO AN INTERACTIVE USER STATION
83	1187C	08/680893	07/16/96	5751793	05/12/98	METHOD AND INSTRUCTIONS FOR VISUAL VOICE MESSAGING USER INTERFACE
84	1188C2	08/921979	08/28/97	5757899	05/26/98	CALL SCREENING USING SUBSCRIBER SPECIFIED TIMERS AND SCHEDULES
85	1191	08/314180	09/28/94	5596625	01/21/97	METHOD FOR ROUTING CALLS DURING BUSY INTERFACE CHANNEL CONDITIONS
86	1192	08/314486	09/28/94	5508707	04/16/96	METHOD FOR DETERMINING POSITION BY OBTAINING DIRECTIONAL INFORMATION FROM SPATIAL DIVISION MULTIPLE ACCESS (sdma) EQUIPPED AND NON-SDMA-EQUIPPED BASE STATIONS
87	1203	08/370065	01/09/95	5745882	04/28/98	ELECTRONIC CLASSIFIED ADVERTISING INTERFACE METHOD AND INSTRUCTIONS WITH CONTINUOUS SEARCH NOTIFICATION
88	1203CIP	08/584415	01/09/96	5909670	06/01/99	METHOD AND SYSTEM FOR PLAYBACK OF ADVERTISEMENTS IN AN ELECTRONIC CLASSIFIED ADVERTISING SYSTEM

## Schedule A

	CASE	APP. NO.	FILE DATE	PATENT	ISSUE	TITLE
89	1205	08/370145	01/09/95	6198977	03/06/01	ELECTRONIC CLASSIFIED ADVERTISING INTERFACE METHOD AND INSTRUCTIONS WITH AD REPLAY OPTIONS
90	1215	08/584414	01/09/96	5832432	11/03/98	METHOD FOR CONVERTING A TEXT CLASSIFIED AD TO A NATURAL SOUNDING AUDIO AD
91	1220	08/674437	07/02/96	6072862	06/06/00	ADAPTABLE METHOD AND SYSTEM FOR MESSAGE DELIVERY
92	1221	08/572302	12/14/95	5655006	08/05/97	AUTOMATED SYSTEM AND METHOD FOR VOICE PROCESSING
93	1224	08/491002	06/14/95	5903731	05/11/99	SYSTEM AND ASSOCIATED METHOD FOR RE-ENGINEERING A TELECOMMUNICATIONS NETWORK
94	1224D	09/002075	01/23/98	6085255	07/04/00	SYSTEM AND ASSOCIATED METHOD FOR RE-ENGINEERING A TELECOMMUNICATIONS NETWORK SUPPORT SYSTEM WITH OBJECT-ORIENTED TRANSLATORS
95	1224D2	09/057214	01/23/98	6055243	04/25/00	SYSTEM AND ASSOCIATED METHOD FOR RE-ENGINEERING A TELECOMMUNICATIONS NETWORK SUPPORT SYSTEM WITH OBJECT-ORIENTED TRANSLATORS
96	1226	08/577192	12/22/95	5828403	10/27/98	METHOD AND SYSTEM FOR SELECTING AND RECEIVING DIGITALLY TRANSMITTED SIGNALS AT A PLURALITY OF TELEVISION RECEIVERS
97	1228C	08/749901	11/13/96	5802157	09/01/98	METHOD AND APPARATUS FOR CONTROLLING OUTGOING CALLS ON A TELEPHONE LINE
98	1230	08/665228	06/17/96	5841982	11/24/98	METHOD AND SYSTEM FOR TESTING THE OPERATION OF AN ELECTRONIC MAIL SWITCH
99	1231	08/664490	06/17/96	6279124	08/21/01	SYSTEM AND METHOD FOR TESTING HARDWARE AND/OR SOFTWARE APPLICATIONS
100	1235	08/613962	03/08/96	5754630	03/08/96	SYSTEM AND ASSOCIATED METHOD FOR MULTIPLE EXTENSION ROUTING VIA AN ADVANCED INTELLIGENT NETWORK (AIN)
101	1237	08/497721	06/30/95	6301350	10/09/01	SYSTEM AND METHOD FOR CALL HANDLING
102	1238	08/541388	10/10/95	5784562	07/21/98	SYSTEM FOR USING A DIALOG SESSION CONTEXT TO PROCESS ELECTRONIC FORMS DATA ON THE WORLD WIDE WEB
103	1241	08/585347	01/11/96	5764756	06/09/98	NETWORKED TELEPHONY CENTRAL OFFICES
104	1241C	09/052892	03/31/98	5907610	05/25/99	NETWORKED TELEPHONY CENTRAL OFFICES
105	1245	08/614419	03/08/96	5812638	09/22/05	TELEPHONE OPERATOR MID-CALL QUEUING INTERVAL SYSTEM AND ASSOCIATED METHOD
106	1247	08/587115	01/09/96	5854837	12/29/98	METHOD AND SYSTEM FOR PROVIDING INTERACTIVE DATA EXCHANGE BETWEEN AN INTERACTIVE PLATFORM AND A CALLER
107	1249	08/584415	01/09/96	5909670	671/99	REPORT GENERATING SYSTEM FOR ELECTRONIC CLASSIFIED ADVERTISING
108	1251	08/664207	06/11/96	5729599	03/17/98	METHOD AND SYSTEM FOR FORWARDING CALLS IN A REMOTE ACCESS CALL FORWARDING SERVICE OF A TELEPHONE

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	CASE	APP. NO.	FILE DATE	PATENT	ISSUE	TITLE
109	1258	08/587,126	01/11/96	6,023,513	02/08/00	SYSTEM AND METHOD FOR IMPROVING CLARITY OF LOW BANDWIDTH AUDIO SYSTEMS
110	1258CIP	08/956,677	10/23/97	6,335,973	01/02/02	SYSTEM AND METHOD FOR IMPROVING CLARITY OF AUDIO SYSTEMS
111	1260	08/587125	01/09/96	5758323	05/26/98	SYSTEM AND METHOD FOR PRODUCING VOICE FILES FOR AN AUTOMATED CONCATENATED VOICE SYSTEM
112	1262	08/587124	01/09/96	5819250	10/06/98	METHOD AND SYSTEM FOR MULTIMEDIA INTERACTION WITH A DATABASE
113	1263	08/584649	01/09/96	5737725	04/07/98	METHOD AND SYSTEM FOR AUTOMATICALLY GENERATING NEW VOICE FILES CORRESPONDING TO NEW TEXT FROM A SCRIPT
114	1265	08/584504	01/09/96	5793956	08/11/98	METHOD AND SYSTEM FOR TESTING AN AUDIOTEX SYSTEM
115	1274	08/609574	03/01/96	5850435	12/15/98	METHOD FOR AUDIBLE CALLER NAME ANNOUNCEMENT WITH CALL LIST FEATURE SYSTEM AND METHOD
116	1277	08/648465	05/15/96	5729368	03/17/98	METHOD OF PROVIDING NON-INTRUSIVE OPTICAL TEST ACCESS WITHOUT OPTICAL LOSS
117	1278	08/702335	08/23/96	6014134	01/11/00	NETWORK BASED INTELLIGENT TUTORING SYSTEM
118	1279	08/584876	01/11/96	5799016	08/25/98	NETWORK ADDRESSING SCHEME ENCODING COMMUNICATION CHANNEL INFORMATION
119	1282DES	29/050148	02/09/96	D379479	05/27/97	KIOSK (POPCORN BOX DESIGN)
120	1283DES	29/050849	02/28/96	D379375	05/20/97	INFORMATION KIOSK (i-design)
121	1284DES	29/048260	12/22/95	D375517	11/12/96	FONT OF TYPE
122	1289	08/681024	07/22/96	5781616	07/14/98	SYSTEM AND ASSOCIATED METHOD FOR HISTORICAL DIALING
123	1290	08/843980	04/18/97	6009398	12/28/99	CALENDAR SYSTEM WITH DIRECT AND TELEPHONY NETWORKED VOICE CONTROL INTERFACE
124	1291	08/715,970	09/18/96	N/A	N/A	APPARATUS AND METHOD FOR INTERFACING A COMPUTER NETWORK TO A FACSIMILE MACHINE
125	1293	08/695097	08/07/96	5806025	09/08/98	METHOD AND SYSTEM FOR ADAPTIVE FILTERING OF SPEECH SIGNALS USING SIGNAL-TO-NOISE RATIO TO CHOOSE SUB BAND FILTER BANK
126	1295	08/785113	01/21/97	5978469	11/02/99	APPARATUS FOR TELEPHONE EXTENSION CONTROL
127	1297	08/785805	01/14/97	5940373	08/17/99	FRAME RELAY NETWORK PLANNING TOOL
128	1298	08/727161	10/07/96	5724412	03/03/98	METHOD AND SYSTEM FOR DISPLAYING INTERNET IDENTIFICATION ON CUSTOMER PREMISES EQUIPMENT
129	1300	08/747478	11/12/96	6104800	08/15/00	A METHOD FOR PROVIDING CALL WAITING NOTIFICATION TO A PARTY ENGAGED IN A DATA CALL
130	1301	08/627249	04/01/96	6446038	09/03/02	METHOD AND SYSTEM FOR OBJECTIVELY EVALUATING SPEECH
131	1302	08/694654	08/07/96	5963899	10/05/99	REGION-BASED FILTERING FOR NOISE SUPPRESSION
132	1303	08/665137	06/14/96	5832060	11/03/98	SYSTEM AND ASSOCIATED METHOD FOR CONCATENATED MESSAGING

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	CASE	APP. NO.	FILE DATE	PATENT	ISSUE	TITLE
133	1307	08/651369	05/22/96	6397180	05/28/02	METHOD AND SYSTEM FOR SPEECH RECOGNITION BASED ON BEST WORD AND CORRESPONDING NON-WORD SCORING OF REPEATED SPEECH ATTEMPTS
134	1308	08/658339	06/05/96	5758319	05/26/98	METHOD AND SYSTEM FOR LIMITING THE NUMBER OF WORKS SEARCHED BY A VOICE RECOGNITION SYSTEM
135	1312	08/695247	08/08/96	5895478	04/20/99	RIGHT AND CENTER FONT JUSTIFICATION
136	1317	08/699,261	08/19/96	N/A	N/A	SYSTEM AND METHOD FOR ANNOTATING ELECTRONIC DOCUMENTS
137	1320	08/695171	08/08/96	5893129	04/06/99	DOCUMENT STORAGE AND REPRODUCTION METHOD
138	1321	08/694132	08/08/96	5745590	04/28/98	CLOSED LOOP MAIL PIECE PROCESSING METHOD
139	1323	08/771790	12/20/96	6463405	10/08/02	AUDIOPHILE ENCODING OF DIGITAL AUDIO DATA USING 2 BIT POLARITY MAGNITUDE INDICATOR AND 8 BIT SCALE FACTOR FOR EACH SUB BAND
	1323C	08/772591	12/20/96	6477496	11/05/02	SIGNAL SYNTHESIS BY DECODING SUBBAND SCALE FACTORS FROM ONE AUDIO SIGNAL AND SUBBAND SAMPLES FROM DIFFERENT ONE
140	1324	08/771462	12/20/96	6516299	02/04/03	METHOD, SYSTEM AND PRODUCT FOR MODIFYING THE DYNAMIC RANGE OF ENCODED AUDIO SIGNALS
141	1325	08/771792	12/20/96	58455251	12/01/98	METHOD, SYSTEM AND PRODUCT FOR MODIFYING TRANSMISSION AND PLAYBACK OF ENCODED AUDIO DATA
142	1326	08/771512	12/20/96	5864813	01/26/99	METHOD, SYSTEM AND PRODUCT FOR HARMONIC ENHANCEMENT OF ENCODED AUDIO SIGNALS
143	1327	08/769911	12/20/96	N/A	N/A	METHOD, SYSTEM AND PRODUCT FOR MULTIBAND COMPRESSION OF ENCODED AUDIO SIGNALS
144	1328	08/777724	12/20/96	5864820	01/26/99	METHOD, SYSTEM AND PRODUCT FOR MIXING OF ENCODED AUDIO SIGNALS
145	1329	08/769732	12/20/96	N/A	N/A	METHOD, SYSTEM AND PRODUCT FOR USING ENCODED AUDIO SIGNALS IN A SPEECH RECOGNITION SYSTEM
146	1330	08/772,591	12/20/96	6477496	11/05/02	METHOD, SYSTEM AND PRODUCT FOR SYNTHESIZING SOUND USING ENCODED AUDIO SIGNALS
147	1331	08/769731	12/20/96	N/A	N/A	METHOD, SYSTEM AND PRODUCT FOR CONCATENATION OF SOUND AND VOICE FILES USING ENCODED AUDIO DATA
148	1332	08/771469	12/20/96	6782365	08/24/04	GRAPHIC INTERFACE SYSTEM AND PRODUCT FOR EDITING ENCODED AUDIO DATA
149	1333	08/771596	12/20/96	5990959	11/23/99	METHOD, SYSTEM AND PRODUCT FOR DIRECT RENDERING OF VIDEO IMAGES TO A VIDEO DATA STREAM
150	1338	08/706046	08/30/96	5897623	04/27/99	INTERFACE METHOD FOR PROVIDING INFORMATION ABOUT ITEMS ON A LIST FOR INTERACTIVE TELEVISION
151	1339	08/715985	09/19/96	6501753	12/31/02	ARCHITECTURE AND METHOD FOR USING AND ADVANCED INTELLIGENT NETWORK (AIN) TO REDUCE VOICE SWITCH AND TRUNK LOADING

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	CASE	APP. NO.	FILE DATE	PATENT	ISSUE	TITLE
152	1340	08/791795	01/29/97	5943402	08/24/99	METHOD FOR ANNOTATING AND EDITING VOICE MESSAGES VIA ACOUSTIC BULLET POINTS
153	1344	08/762761	12/10/96	5778174	7/798	METHOD AND SYSTEM FOR PROVIDING SECURED ACCESS TO A SERVER CONNECTED TO A PRIVATE COMPUTER NETWORK
154	1345	08/928009	09/11/97	6028846	02/22/00	METHOD AND SYSTEM FOR TESTING REAL-TIME DELIVERY OF PACKETS OF DATA
155	1360	08/806973	02/26/97	5844896	12/01/98	SYSTEM AND METHOD FOR ROUTING TELEPHONE CALLS
		09/159940	9/24/1998	NA	NA	SYSTEM AND METHOD FOR ROUTING TELEPHONE CALLS
		09/797242	03/01/01	7145905	12/05/06	CALL QUEUING SERVICE TERMINATION
		09/802075	03/08/01	7076044	07/11/06	CALL QUEUING NOTIFICATION
		09/874152	06/04/01	7231031	06/12/07	AIN CALL QUEUING
156	1363	08/979379	11/26/97	6222838	04/24/01	METHOD AND SYSTEM FOR DELIVERING AUDIO AND DATA FILES
157	1365	08/938221	09/26/97	5924066	07/13/99	SYSTEM AND METHOD FOR CLASSIFYING A SPEECH SIGNAL
158	1366	08/772675	12/23/96	5748890	05/05/98	METHOD AND SYSTEM FOR AUTHENTICATING AND AUDITING ACCESS BY A USER TO NON-NATIVELY SECURED APPLICATIONS
159	1379	08/955546	10/22/97	6064665	05/16/00	SYSTEM AND METHOD OF SINGLE TO TWO-BAND PERSONAL COMMUNICATION SERVICE BASE STATION CONVERSION
160	1380	08/943354	10/01/97	6069873	05/30/00	CLOSED-LOOP AUTOMATED TESTING OF SYSTEM EQUIPMENT AND MANAGEMENT
161	1382	08/896041	07/17/97	N/A	N/A	SECURE METHOD OF PLATFORM INDEPENDENT DATA ENCRYPTION
162	1383	08/939376	09/29/97	6141328	10/31/00	METHOD AND SYSTEM FOR TWO WAY NEGOTIATING CALL HOLD
163	1389	08/937218	09/18/97	6119113	09/12/00	METHOD AND SYSTEM FOR EFFICIENTLY SEARCHING A DATABASE
164	1391	08/937576	09/25/97	5999613	12/07/99	METHOD AND SYSTEM FOR PROCESSING INCOMING CALLS DURING CALLS-IN-PROGRESS
165	1392	08/937577	09/25/97	5963626	10/05/99	METHOD AND SYSTEM FOR POSTING MESSAGES TO CALLERS BASED ON CALLER IDENTITY
166	1399	08/937578	09/25/97	6178231	01/23/01	METHOD AND SYSTEM FOR GENERATING PREDERTIMED MESSAGES DURING SELECTED CALLS-IN-PROGRESS
167	1408	08/996492	12/23/97	N/A	N/A	METHOD AND SYSTEM FOR INTERNET/INTRANET-BASED RESEARCH COLLABORATION AND KNOWLEDGE SHARING
168	1412	08/964485	11/05/97	5974127	10/26/99	METHOD AND SYSTEM FOR PLANNING A TELECOMMUNICATIONS NETWORK
169	1413	08/888023	07/03/97	6009163	12/28/99	METHOD AND SYSTEM FOR REGULATING INCOMING CALLS FROM MULTIPLE POINTS OF ORIGIN
170	1414	08/949830	09/14/97	5949859	09/07/99	AIN BASED INTERNET FAX ROUTING
		09/343878	06/30/99	6044137	03/28/00	AIN BASED INTERNET FAX ROUTING
172	1417	08/970552	11/14/97	6145002	11/07/00	SYSTEM AND METHOD FOR ACCESSING AN INTERNET SERVICE PROVIDER
173	1422DES	29/075083	08/01/97	D399246	10/06/98	FONT OF TYPE

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	CASE	APP. NO.	FILE DATE	PATENT	ISSUE	TITLE
174	1426	08/998309	12/24/97	N/A	N/A	METHOD FOR AUTOMATED SALES SUPPORT PROCESSING WITH INTERNET INPUT
175	1428	09/000827	12/30/97	5991770	11/23/99	METHOD FOR AUTOMATICALLY GENERATING INTERNET READY GIFS FROM SELECTED DATA FILES
176	1431	09/001643	12/31/97	7152200	12/11/06	INTERNET-BASED DATABASE REPORT WRITER AND CUSTOMER DATA MANAGEMENT SYSTEM
177	1439	08/998800	12/29/97	6049600	04/11/00	METHOD AND SYSTEM FOR AN INTELLIGENT PLUG IN PARTITIONED COMMUNICATION SYSTEM
178	1440	08/998802	12/29/97	6104797	08/15/00	METHOD AND SYSTEM FOR AN INTELLIGENT PARTITIONED COMMUNICATION SYSTEM
		09/470643	12/22/99	6584184	06/24/03	METHOD AND SYSTEM FOR AN INTELLIGENT PARTITIONED COMMUNICATION SYSTEM
179	1441	09/000912	12/31/97	6055505	04/25/00	AUTOMATIC CUSTOMER NOTIFICATION SYSTEM AND METHOD
180	1444	09/002260	12/31/97	6262843	07/17/01	PRIVACY SYSTEM FOR USE WITH A VISUAL DISPLAY TERMINAL
181	1455	08/998799	12/29/97	6011845	01/04/00	METHOD AND SYSTEM FOR TWO-WAY CALL HOLDING USING AN INTELLIGENT COMMUNICATION DEVICE
182	1456	08/997363	12/23/97	6370241	04/09/02	ENHANCED TELEPHONY SYSTEM FOR CALLING CARD CALLS
184	1458	08/997361	12/23/97	6296183	10/02/01	IMPROVED TELEPHONY SYSTEM FOR SMART CARD USAGE
185	1462	08/996050	12/22/97	6061430	05/09/00	ENHANCED TELEPHONY SYSTEM FOR PREMISES MONITORING
186	1466	09/000911	12/30/97	N/A	N/A	KNOWLEDGE BASED SYSTEM FOR DEPLOYING TELECOMMUNICATIONS SERVICES
187	1469	08/994374	12/19/97	6269399	07/31/01	GATEWAY SYSTEM AND ASSOCIATED METHOD
188	1470	08/998795	12/29/97	6104789	08/15/00	METHOD AND SYSTEM FOR TRANSMITTING TEXT MESSAGES FROM A CALLER TO A SUBSCRIBER AT AN UNKNOWN ADDRESS
189	1472	08/997244	12/23/97	6081791	06/27/00	ENHANCED ATM FOR FACILITATING TELEPHONY ACCESS
190	1502	09/069363	04/29/98	6348970	02/19/02	APPARATUS AND METHOD FOR INTERFACING A COMPUTER NETWORK TO A FACSIMILE MACHINE