

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mitel Knowledge Corporation	11/01/2002
RECEIVING PARTY DATA	
Name:	Mitel Networks Corporation
Street Address:	350 Legget Drive
City:	Ottawa, Ontario
State/Country:	CANADA
Postal Code:	K2K 2W7
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11157573
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	Suzanne Koston

Total Attachments: 21
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WORLDWIDE ASSIGNMENT
(PATENT)

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we, **MITEL KNOWLEDGE CORPORATION**, (Assignor), whose full post office address is **Tower B, 555 Leggett Drive, Ottawa, Ontario, K2K 2X3**, do hereby confirm our sale, assignment, transfer, conveyance and setting over and we do hereby irrevocably and unconditionally sell, assign, transfer, convey and set over to **MITEL NETWORKS CORPORATION**, (Assignee), whose full post office address is **350 Legget Drive, Ottawa, Ontario, K2K 2W7**, our entire right, title and interest in and to the inventions set forth in the patents/patent applications listed on Schedule A attached hereto, together with our entire right, title and interest in and to any and all patents/patent applications which may be filed thereon and any all Letters Patent which may be granted or issued thereon in Canada, and throughout the world, and all rights of action appurtenant or relating thereto, and the benefit of all waivers of moral rights in favour of the Assignor, including any and all divisions, continuations, reissues and extensions of any of the foregoing, the same to be held by the Assignee as fully and effectually as it would have been held by the Assignor had this assignment not occurred.


AND we hereby authorize the issuance to said Assignee of any and all said Letters Patent not already issued as the Assignee of our entire right, title and interest in and to the same, for the sole use and benefit of said Assignee, its successors, assigns or legal representatives.

AND we, on behalf of ourselves and our executors and administrators, hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications, and other instruments as may reasonably be required by said Assignee, its successors, assigns, or legal representatives, to obtain any and all Letters Patent for said inventions and vest the same in said Assignee, its successors, assigns or legal representatives.

SIGNED at _____ Ottawa, Ontario _____

Effective the 1st day of November, 2002.

MITEL KNOWLEDGE CORPORATION

By: 
Name: JOSE MEDEIROS
Title: CFO

SCHEDULE ~~4~~
(ASSIGNMENT - PATENT)

Country	Mitel #	Status	Serial #	Date Filed	Patent #	Title
Canada						
	47	Patent Granted	blank	blank	2043127	Wireless Zone Management
	63	Patent Granted	2108225	10/12/1993	2108225	Charger/Detector for Cordless Telephone
	77	Patent Granted	2053383	10/11/1991	2053382	Regulated Auxiliary Power Supply
	78	Patent Granted	2,049,583	8/21/1991	2,049,583	Off-hook telephone with temporary park feature
	79	Patent Granted	2053776	10/22/1991	2053776	Wireless Interface
	81	Patent Granted	2062040	2/28/1992	2,062,040	Mobile Wireless Communications System
	93	Patent Granted	2065131	4/3/1992	2065131	Method of Defining Operation of Switching System Peripherals
	98	Patent Granted	2080159-0	10/8/1992	2080159	ST Bus DSP Interface
	105	Patent Granted	2085280	12/14/1992	2085280	Delayed Cancel Waiting
	106	Patent Granted	2081125	10/22/1992	2081125	Portable Telephone User Profiles
	107	Patent Granted	2078045	9/11/1992	2078045	Global Management of Telephone Directory
	109	Patent Granted	2080797	10/16/1992	2080797	Method of Operating a Computer Program
	111	Patent Granted	2088420	1/29/1993	2088420	Associated Equipment Numbers
	113	Patent Granted	2091278	8/9/1993	blank	Unique Ringing on Prime Line
	114	Patent Granted	2100699	7/16/1993	2100699	Wired Wireless
	118	Patent Granted	2094210	4/18/1993	2094210	Multiple Queue Resource Management
	119	Patent Granted	2110643	12/3/1993	2110643	Signalling System
	122	Patent Granted	2108224	10/12/1993	2108224	Method and Apparatus for Implementing Hunt Groups
	124	Patent Granted	2108223	10/12/1993	2108223	Hunting Mode
	125	Patent Granted	2110669	12/3/1993	2110669	Automatic Telephone Feature Selector
	126	Patent Granted	2232220	3/6/1998	2232220	Method of Providing a Centre Type Operation Using a PBX
	127	Patent Granted	2132610	9/21/1994	2132610	Delayed Seizure on Associated Devices
	132	Patent Granted	2123068	5/6/1994	2123068	An Adaptive Method for Allocating Calls
	134	Patent Granted	2148970	9/21/1994	2148970	Local Area Communications Server System
	136	Patent Granted	2164035	11/29/1995	2164035	ACTIVE DIGIT CANCELLING PARALLEL DIALER
	139	Patent Granted	2119085	3/15/1994	2119085	Enterprise Communication System
	143	Patent Granted	2119086	3/15/1994	2,119,086	Help Desk Improvement
	160	Patent Granted	2178153	6/4/1996	2178153	Service Context Sensitive Features & Applications
	161	Patent Granted	2224468	12/11/1997	blank	Transfer of Basic Knowledge to Agents
	162	Patent Granted	2323331	blank	2323331	Dynamic Load Sharing
	163	Patent Granted	2176976	5/27/1996	2176976	Method and Apparatus for Managing Calls Using a Soft Call Park
	164	Patent Granted	2164550	12/6/1995	2164550	Communication System Using Server
	165	Patent Granted	2163948	11/28/1995	2163948	Human Machine Interface For Telephone Feature Invocation
	171	Patent Granted	2208629	6/23/1997	2208629	Silent Monitoring Agent IDs
	172	Patent Granted	2229038	6/6/1997	blank	Application Call Routing
	180	Patent Granted	2199573	3/10/1997	blank	Org Chart Based Call Routing
	182	Patent Granted	2144270	3/9/1996	blank	Common ARS Leading Digit Strings
	192	Application Filed	2224623	2/28/1997	AB	Voice Custom Control of Activities
	193	Patent Granted	21584	8/15/1995	2,158,408	Architecture for Robust Voice CTI
	195	Patent Granted	216508	10/26/1995	2161508	PC Speedcall
	196	Patent Granted	2161506	10/26/1995	2161506	Transparent Call Indication
	200	Patent Granted	2232221	3/16/1998	2232221	Series Equipment With DC Line Hold Transfer
	210	Application Filed	2307683	5/5/2000	blank	Quotation Mechanism for Service Environments
	214	Patent Granted	2182438	7/13/1996	2182438	Interconnect Design for use Between Flexible Circuits
	227	Patent Granted	2180684	7/8/1996	2,180,684	Optimistic Call Forwarding
	234	Patent Granted	2255316	12/10/1998	AB	Sustained Call Announce
	236	Patent Granted	2180690	7/8/1996	2,180,690	Automatic Speed Call Updating
	240	Patent Granted	2182236	7/29/1996	AB	Simulating Touch Screen Capability Using Video Input

250	Patent Granted	2217081	12/9/1997	blank	Animated Cursor
258	Patent Granted	2243781	7/21/1998	blank	Dynamic Communication Groups
261	Patent Granted	2180991	7/11/1996	2,180,991	Integrated PC/Cellless Phone/Telephone Network Interface Device
267	Patent Granted	2235459	4/21/1998	Abandoned	Remote Line Monitoring
270	Application Filed	2304900	4/7/2000	blank	Spatial Audio for Virtual Meeting Places
272	Patent Granted	2260647	2/21/1999	blank	Agent-Based Data Mining End Warehousing
274	Patent Granted	2252768	11/4/1998	blank	Call Routing Based on Caller's Mood
278	Patent Granted	1996-22710	5/29/1997	81508	Telephone Base
280	Abandoned	2,187,240	10/7/1996	blank	Network Control of Telephony Services Using Downloadable Application
281	Patent Granted	2,173,027	3/29/1996	blank	Merged Telephone and Data System
282	Patent Granted	2,181,009	7/11/1996	2,181,009	Multiple Owner Resource Management
283	Application Filed	2270820	5/31/1999	blank	Communications System and Method
284	Patent Granted	2182237	7/29/1996	2,182,237	Simple Interconnect for Flexible Circuits
289	Abandoned	2216202	9/22/1997	Closed	PC Peripheral Telecommunications Hub
290	Patent Granted	2246130	8/31/1998	blank	Web Based Help Desk, Auto Attendant
291	Patent Granted	2230692	3/27/1998	2230692	One Button Intelligent C/I Dialing
292	Patent Granted	2231980	3/17/1998	2231980	Automatic Web Page Creation
294	Application Filed	2281552	2/10/1999	Abandoned	Peer to Peer Conferencing
296	Patent Granted	2215535	9/15/1997	2215535	Off-Hook Detector for Headset
298	Patent Granted	2186928	10/1/1996	2,186,928	System for Interactive Control of Computer and Telephone
301	Application Filed	2268996	4/18/1999	blank	Item Selection in a Telephony Interface
302	Patent Granted	2197517	2/13/1997	2,197,517	Database Access Server for PBX
310	Patent Granted	2,243,331	7/14/1998	2,243,331	Database Screening Profile
319	Application Filed	2262869	2/10/1999	blank	E-mail with Embedded Java Application
321	Patent Granted	2264230	3/31/1999	2264230	Call Hold Improvement
322	Patent Granted	2217923	10/15/1997	2217923	Integrated Directory Services
323	Patent Granted	2247680	9/17/1998	blank	Bitirectional Conversion Library
325	Patent Granted	2272738	5/25/1999	2272738	Smart transfer for answering positions
330	Patent Granted	2271460	5/12/1999	blank	3D View of Incoming Communications
331	Patent Granted	2253105	11/6/1998	2253105	PC Server Telecommunications Power
333	Patent Granted	2220829	1/11/1997	2220829	Method of Operating a Modem in the Presence of Interrupted Dial Tone
336	Application Filed	2269156	12/3/1999	blank	Distributed Technique for Allocating Calls
341	Application Filed	2269156	11/5/1999	blank	Remote Peripheral Switch Backup Call Service Mechanism
345	Application Filed	2269639	2/28/2000	blank	Adaptive Rule-based Mechanism for Feature Interaction Resolution
349	Application Filed	2298145	2/9/2000	blank	Palm PC Dock-able Phone
350	Application Filed	2275821	6/15/1999	blank	Method of Compressing and Decompressing Audio Data Using Masking
353	Patent Granted	2270039	4/27/1999	blank	Low Power Dialer
354	Abandoned	2245411	8/20/1998	blank	Echo Canceling
355	Application Filed	2306638	4/25/2000	blank	MLTS Emergency Call Processing
356	Patent Granted	2316128	8/17/2000	blank	Voice Mail By Typing
357	Patent Granted	2236525	6/1/1998	blank	Method and Apparatus for Migrating Embedded PBX System
359	Application Filed	2330260	1/5/2001	blank	Range Editing Dialog
361	Patent Granted	2293937	1/5/2000	blank	Combination Connector/Microphone
367	Application Filed	2331977	1/25/2001	blank	A caching mechanism to optimize the bidding process used
370	Abandoned	blank	2/29/2000	blank	User interface for Feature Interaction Resolution
372	Application Filed	2306160	4/14/2000	blank	Adaptive Feature Behavior
373	Patent Granted	2307376	5/3/2000	blank	Using a Gatekeeper to Produce an H.323 PBX
376	Application Filed	2281374	9/21/1999	blank	Line Appearance Security Interface for TAPI SP
382	Application Filed	2317146	8/29/2000	blank	Features Based On Network Congestion
383	Application Filed	2334503	2/17/2001	blank	A Mechanism to Optimize a Distributed AARS Using RIP Caching

384	Application Filed	2297622	2/2/2000	blank	SEDO - Semantic Errors Diagnostic Operation for Multi-agent System
386	Application Filed	2334432	2/7/2001	blank	Feature Provisioning by Injection
391	Application Filed	2,331,221	1/12/2000	blank	Multi-person Phone
394	Patent Granted	1998-2976	12/16/1998	87696	Plastic Door
399	Application Filed	2297373	1/21/2000	blank	QuickPick
400	Application Filed	2296573	1/4/2/2000	blank	Dynamic Rules Based Resource Allocation
401	Application Filed	2299162	2/23/2000	blank	On-demand buffering
402	Patent Granted	2299387	2/23/2000	blank	Automatic synchronization of address directories for unified messaging
403	Application Filed	2295267	1/12/2000	blank	Automatic selection of user preferences based on C/I data
404	Application Filed	2299161	2/23/2000	blank	Extensible dial by name for messaging via telephone access
409	Application Filed	2,334,135	2/22/2001	blank	Route Optimization Over Diverse Media
410	Patent Granted	2,279,072	7/29/1999	blank	Onhook Telecomm Power Supply Current Regulator Mode
411	Application Filed	2829017	12/18/2000	blank	Communications System Architecture for Voice Collaboration
413	Abandoned	2279067	7/29/1999	blank	Virtual phone line access device
415	Application Filed	2339038	2/28/2001	blank	Handwriting Phone
416	Abandoned	blank	blank	blank	Handwriting Phone
417	Patent Granted	2307742	5/22/2000	blank	Silence suppression/insertion to compensate for unlocked clock jitter in
418	Abandoned	2322132	1/130/2000	blank	Using Line Appearance to Allow Multiple Devices to Appear
419	Abandoned	2339881	3/2/2001	blank	Billing Optimization for Private Communication System (PCS)
421	Application Filed	2,343,981	4/17/2001	blank	Voice Invoked Call Blocking
423	Application Filed	2320554	9/25/2000	blank	Log In To A Live Appearance
425	Patent Granted	2313497	7/10/2000	blank	A method for the synchronization of analog call display data in distribut
428	Application Filed	2308066	5/11/2000	blank	Feature Interaction Resolution Using Policies event based model and
429	Application Filed	2297372	1/21/2000	blank	Method to Implement Digital Private Signalling System (DPNSS)
430	Patent Granted	2307749	5/22/2000	blank	Branding dynamic link libraries
433	Application Filed	2317507	9/7/2000	blank	Voice multicast method
436	Application Filed	2321497	9/28/2000	blank	Complex acoustic path and gasket for use with microphones
437	Application Filed	2319883	9/15/2000	blank	Security Mechanisms and Architecture for Collaborative Software
439	Application Filed	2326060	1/11/2000	blank	Policy representations and mechanisms for the control of software
440	Application Filed	2325767	10/11/2000	blank	Method of releasing telepad cables from deeply recessed RJ connectors
441	Application Filed	2,324,543	10/26/2000	blank	Powering arrangement for an ethernet LAN connected telephone
444	Application Filed	2324423	10/26/2000	blank	Common data model including field interdependencies
449	Application Filed	2,356,603	9/4/2001	blank	Efficient Controlled current sink for LED backlight panel
449	Application Filed	2,358,063	10/3/2001	blank	Ultra-sonic proximity sensor for telephony
452	Abandoned	blank	blank	blank	Use of handset microphone to enhance speakerphone loudspeaker
458	Application Filed	2,355,520	8/20/2001	blank	In Building Mobile Networks
460	Application Filed	2331144	1/16/2001	blank	Resource Sharing Using Sliding Constraints
461	Application Filed	2,368,907	2/21/2002	blank	Simple Supplementary Service Protocol (SSSP)
462	Application Filed	2,348,258	5/18/2001	blank	PDA Enabled Set
463	Application Filed	2350435	7/13/2001	blank	Combination Visible and Infrared Light Pipe
464	Patent Granted	2339538	3/6/2001	blank	Efficient dual-source wide-input isolated DC-DC converter with effective
467	Application Filed	2341821	3/22/2001	blank	Efficient Battery Transfer Circuit
472	Application Filed	2398579	8/19/2002	blank	Hardware Authentication Method
473	Application Filed	2,357,326	9/13/2001	blank	Intermediate voice and TDM detector device for improved speech
474	Application Filed	2340490	3/13/2001	blank	Telephone independent provision of speech recognition during dial tone
477	Application Filed	2343705	4/10/2001	blank	Enclosure foot arrangement that can be used to stack enclosures
478	Application Filed	2343692	4/10/2001	blank	Execution sets for generated logs
479	Application Filed	2343692	4/10/2001	blank	Tree hierarchy and description for generated logs
481	Application Filed	2,332,692	1/29/2001	blank	Dynamic rule sets for generated logs
485	Application Filed	2,353,117	7/16/2001	blank	Telephone line powered CO drop reconnect
					Method of attaching moulded enclosures

485	Application Filed	2375410	3/8/2002	blank	Voice Mail Number and E-Mail Extraction
487	Application Filed	2299850	3/1/2000	blank	System and method for the management of computer software
489	Application Filed	2339320	3/2/2001	blank	Minet IP Protocol Extensions
491	Application Filed	2400148	8/29/2002	blank	A better presentation of a menu for an interactive voice response
492	Application Filed	2,351,899	6/29/2001	blank	Method of using speech recognition to initiate a WAP Session
493	Application Filed	2,354,203	7/26/2001	blank	Formed Lens Tab for Designation Card Insert
494	Patent Granted	2000-1675	6/29/2000	blank	Superconsole-2000
495	Application Filed	2,352,017	6/28/2001	blank	Acoustic Talker Localization
499	Application Filed	2,358,044	10/3/2001	blank	Method for handling far-end speech effects in hands-free telephony
502	Application Filed	2,354,803	8/7/2001	blank	Methods and Apparatus for Previewing Multimedia Attachments
503	Application Filed	2,372,351	2/18/2002	blank	Microphone Gasket with Integrated Acoustic Resistance
509	Application Filed	2,400,139	8/29/2002	blank	A Spill Browser for Stimulus Phones
510	Application Filed	blank	blank	blank	Method of Enabling a CPE to Test a Telephone Line and Report
514	Patent Granted	2001-1383	6/1/2001	96902	Mouse Controller
514	Patent Granted	2001-2932	12/5/2001	blank	Mouse Controller
516	Application Filed	2,381,536	5/21/2002	blank	Mobile Interactive Logs
517	Application Filed	2,384,066	4/30/2002	blank	Remote Assembly of Messages for Distributed Applications
518	Application Filed	2385182	5/7/2002	blank	Master/Slave Frame Lock Method
523	Application Filed	5194156	12/3/2002	blank	An Infrared-based Protocol for Selecting a Service from a Set
527	Application Filed	22,401,937	9/9/2002	blank	Headset or Handset signaling scheme
533	Application Filed	2,405,210	9/25/2002	blank	Loudspeaker cap to reduce structural... acoustic modes
534	Application Filed	2,394,429	9/19/2002	blank	Robust Talker Localization in Reverberant Environment
535	Application Filed	2,397,826	8/13/2002	blank	Method to Improve Near-end Voice Activity Detection in Audio Systems
536	Application Filed	2,394,273	7/19/2002	blank	Method of Indicating and controlling sound pickup direction and location
538	Patent Granted	99870	3/8/2002	blank	5303 Conference Phone
553	Patent Granted	99306	5/2/2002	blank	Model 5230 IP Appliance
553	Patent Granted	99307	5/2/2002	blank	Model 5230 IP Appliance
556	Application Filed	2399979	8/28/2002	blank	IP Device Registration for a Multiple DHCP Server Network
11105	Expired	296137	2/1/1978	1105162	Telephone Line Circuit
11105	Expired	371449	2/20/1981	1117232	Telephone Line Circuit
11107	Expired	297883	2/28/1978	1123131	Transformerness Trunk Circuit
11107	Expired	396682	2/19/1982	1142281	Transformerness Trunk Circuit
11118	Expired	303989	5/24/1978	1088688	Tone Applying Line Circuit
11119	Expired	322645	3/2/1978	1123523	On-Board Integrated Circuit Chip Signal Source
11119	Expired	396657	2/19/1982	1138566	On-Board Integrated Circuit Chip Signal Source
11120	Expired	317680	12/11/1978	1114536	Ringling Generator
11126	Patent Granted	337959	10/18/1979	1142279	Ringling Decoder Circuit
11141	Patent Granted	352147	5/16/1980	1146245	Keyless & Indicatorless Local Telephone Switching System
11144	Patent Granted	369226	1/23/1981	1154185	Subscriber Line Interface Circuit
11149	Patent Granted	371391	2/20/1981	1157175	Power Saving Line Circuit
11152	Expired	375725	4/16/1981	1171945	Voice Recognizing Telephone Call Denial System
11153	Lapsed	418003	12/7/1982	1182230	Subscriber Line Interface Circuit
11154	Expired	396686	2/19/1982	1189164	Printed Circuit Board Lock
11166	Expired	396714	2/22/1982	1166327	Hybrid Circuit Connector
11168	Patent Granted	417553	12/14/1982	1188831	Telephone Indicator
11169	Patent Granted	429935	6/8/1983	1199061	Battery Charging Circuit
11177	Patent Granted	430531	6/16/1983	1203875	Switching System Loopback Test Circuit
11178	Patent Granted	495810	11/20/1985	1240088	Solid State Trunk Circuit
11181	Patent Granted	453611	5/4/1984	1205933	Interface Circuit for Remote Control of a PABX
11192	Patent Granted	483629	6/12/1985	1233924	Telephone Line Status Circuit

11197	Patent Granted	488398	12/20/1985	1242809	Data Storage System
11198	Patent Granted	488829	8/15/1985	1240066	Dynamic Memory Refresh & Parity Checking Circuit
11199	Patent Granted	502134	2/18/1986	1254981	Communications Switching System
11101	Patent Granted	485827	6/28/1985	1236231	Telephone Handset Detector
11103	Patent Granted	499189	1/8/1986	1247286	Wireless Telephone System
11103	Patent Granted	580344	10/17/1988	1261981	Wireless Telephone System
11108	Lapsed	496759	12/3/1985	1244871	LED Driver Circuit
11110	Patent Granted	506245	4/9/1986	1241784	Circuit for Switching Between Balanced Networks
11123	Patent Granted	525289	12/15/1986	1279909	Apparatus and Method for Synchronizing a Communication System
11132	Patent Granted	561623	3/16/1988	1336449	Telephone call answering system
11138	Patent Granted	566003	5/5/1988	1289281	Digital DTMF Tone Detector
11144	Patent Granted	558123	2/4/1988	1293042	Communication System Supporting Remote Operations
11145	Patent Granted	574775	8/15/1988	1289280	Talk Card with Distributed Signalling Voltages
11146	Patent Granted	604279	6/28/1989	1311570	Apparatus for Testing
11152	Patent Granted	608745	8/19/1989	1326530	Programmable Threshold Alert
11153	Patent Granted	583164	1/15/1988	1333296	Group Emergency Call System
11159	Patent Granted	571908	7/13/1988	1302594	Redundant Clock & Frame Pulse Synchronization System
11162	Expired	blank	blank	blank	Telephone or Data Switching System
11163	Patent Granted	2019002	6/14/1990	2019002	Data Transfer
11163	Patent Granted	2108836	6/14/1990	2108836	Data Transfer
11170	Patent Granted	2058644	12/31/1991	2058644	Voice Activated Telephone Set
11170	Patent Granted	2149012	12/31/1991	2149012	Voice Activated Telephone Set
11171	Patent Granted	blank	blank	blank	Digitally Controlled Ringing Signal Generator
11172	Patent Granted	2052500	9/30/1991	2052500	PABX Common Relay System
11172	Patent Granted	2141772	9/30/1991	2141772	PABX Common Relay System
11174	Patent Granted	2056827	12/2/1991	2056827	Modular Communication System with Allocatable Bandwidth
11177	Patent Granted	2052499	9/30/1991	2052499	Host Remote Signalling in Telephone Systems
11179	Patent Granted	2068154	5/7/1992	2068154	Programmable Call Progress Tones for a Switching System
11182	Patent Granted	2069142	6/2/1992	2069142	Digital Class Receiver
11183	Patent Granted	2064541	3/3/1992	2064541	Dialing Error Count for Link Maintenance
190117	Patent Granted	2190554	blank	blank	Expansion Subsystem for Use in a Communication System
Europe			19		
47	Patent Granted	blank	blank	1,255,119	Wireless Zone Management
77	Patent Granted	82921597.7	10/9/1992	607246	Regulated Auxiliary Power Supply
441	Application Filed	0003790-3	11/22/2000	blank	Common data model including field interdependencies
449	Application Filed	24350.1	10/6/2001	blank	Use of handset microphone to enhance speakerphone loudspeaker
461	Application Filed	2250330.4	1/17/2002	blank	PDA Embedded Set
472	Application Filed	2255290.5	7/29/2002	blank	Intermediate voice and DTMF detector device for improved
477	Application Filed	1303374.1	4/10/2000	blank	Execution sets for generated logs
478	Application Filed	1303443.4	4/12/2001	blank	Tree hierarchy and description for generated logs
479	Application Filed	1303459	4/12/2000	blank	Dynamic rule sets for generated logs
491	Application Filed	2259935.5	8/27/2002	blank	A better presentation of a menu for an interactive voice response
499	Application Filed	1308551.9	10/5/2001	blank	Method for handling far-end speech effects in hands-free telephony
502	Application Filed	1306796.2	8/9/2001	1,182,600	Methods and Apparatus for Previewing Multimedia Attachments of
509	Application Filed	2256054.6	8/30/2002	blank	A Split Browser for Stimulus Phones
516	Application Filed	109241	4/12/2002	blank	Mobile Interactive Logs
518	Application Filed	2253259.2	5/9/2002	blank	Master/Slave Frame Lock Method
533	Application Filed	123451.1	9/25/2002	blank	Loudspeaker cap to reduce structural .. acoustic modes
534	Application Filed	120450.2	8/1/2002	blank	Robust Talker Localization in Reverberant Environment
535	Application Filed	2255766.4	8/19/2002	blank	Method to improve Near-end Voice Activity Detection in Audio

France	536	Application Filed	2255407.5	8/1/2002	blank	blank	Method of indicating and controlling sound pickup direction and location
	701	Patent Granted	95914259.7	4/4/1995	EP0754397	14	Cell Relay Transport Mechanism
	277	Abandoned	blank	blank	blank	blank	Remote On-Demand Applications Server
	278	Patent Granted	783	8/22/1997	971865	1	Telephone Base
	279	Lapsed	971864	3/25/1996	971864	1	Telephone Handset
	280	Abandoned	blank	blank	blank	blank	Network Control of Telephony Services Using Downloadable Application
	441	Application Filed	13721	10/26/2000	blank	blank	Common data model including field interdependencies
	514	Patent Granted	16937	11/29/2001	659272-8	1	Mouse Controller
	517	Application Filed	20491	1/25/2002	blank	blank	Mouse Controller
	536	Application Filed	205524	5/2/2002	blank	blank	Remote Assembly of Messages for Distributed Applications
	538	Patent Granted	22638	4/23/2002	blank	blank	Method of indicating and controlling sound pickup direction and location
	553	Patent Granted	26602	10/3/2002	blank	blank	5303 Conference Phone
	553	Patent Granted	26631	11/4/2002	blank	blank	Model 5230 IP Appliance
	1105	Expired	7917277	6/27/1979	7917277	64	Telephone Line Circuit
Germany	50	Abandoned	P4103509.7	2/6/1991	4103509	1	Electrostatic Immunity
	70	Patent Granted	69503892.3	12/08	EP0754397	12/08	Call Relay Transport Mechanism
	79	Patent Granted	92921893.1	8/26/1996	69217238	1	Wireless Interface
	106	Patent Granted	P4335803.9	31	1020DE4335803	31	Portable Telephone User Profiles
	107	Patent Granted	P4330986.0	9/13/1993	P4330986	1	Global Management of Telephone Directory
	111	Patent Granted	4325773.9	7/3/1993	4325773	1	Associated Equipment Numbers
	113	Patent Granted	P4407671.1	3/9/1994	blank	blank	Unique Ringing on Prime Line
	114	Patent Granted	4424896.2	7/5/1994	4424896	1	Wired Wireless
	119	Patent Granted	4440545.6	11/12/1994	4440545	1	Signalling System
	122	Patent Granted	P4430344.0	6/7/1994	P4430344	1	Method and Apparatus for Implementing Hunt Groups
	125	Patent Granted	4442822.7	2/7/1995	blank	blank	Automatic Telephone Feature Selector
	132	Patent Granted	P19516364.B	5/4/1995	P19516364	1	An Adaptive Method for Allocating Calls
	134	Patent Granted	19542122.1	blank	blank	blank	Local Area Communications Server System
	136	Patent Granted	P19548488.6	12/22/1995	blank	blank	ACTIVE DIGIT CANCELLING PARALLEL DIALER
	139	Patent Granted	P19508940.5	3/13/1995	blank	blank	Enterprise Communication System
	154	Abandoned	M9605363.1	6/20/1996	M9605363	1	Common Base Modular-Oriented Telephone Sets
	155	Abandoned	blank	6/17/1994	9409723.2	1	Facsimile Controller
	160	Patent Granted	19622247.4	6/4/1996	blank	blank	Service Context Sensitive Features & Applications
	163	Patent Granted	19622969.3	6/7/1996	blank	blank	Method and Apparatus for Managing Calls Using a Soft Call Park
	164	Patent Granted	P19548456.8	12/22/1995	blank	blank	Communication System Using Server
	165	Patent Granted	P19543870.1	11/24/1995	blank	blank	Human Machine Interface For Telephone Feature Invocation
	171	Patent Granted	P19726292.9	6/20/1997	blank	blank	Silent Monitoring Agent ID's
	172	Patent Granted	19825073.8	blank	blank	blank	Application Call Routing
	180	Patent Granted	19709214.4	5/21/2001	19709214	1	Org Chart Based Call Routing
	182	Patent Granted	19608114.9	3/9/1995	blank	blank	Common ARS Leading Digit Strings
	183	Patent Granted	P19636819	9/4/1/1996	19636819	1	Architecture for Robust Voice CTI
	185	Patent Granted	P19644212.5	10/24/1996	Abandoned	1	PC Speedcall
	196	Patent Granted	P19644210	10/24/1996	P19644210	1	Transparent Call Indication
	205	Abandoned	blank	blank	blank	blank	Portable Directory Number
	233	Abandoned	19641112.2	10/5/1996	blank	blank	End-to-End Clock Recovery for ATM Networks
	234	Patent Granted	19860429.7	12/28/1998	blank	blank	Sustained Call Announce
	258	Patent Granted	19838055	8/21/1998	blank	blank	Dynamic Communication Groups
	285	Abandoned	19717900.2	53	04/24/blank	53	Protected Persistent Storage Access for Mobile Applications

267	Patent Granted	19616896.9	4/16/1998	Abandoned	Remote Line Monitoring
274	Patent Granted	19652002.6	11/5/1998	19952003	Call Routing Based on Caller's Mood
277	Abandoned	blank	blank	blank	Remote On-Demand Applications Server
278	Patent Granted	9703084.4	3/25/1997	9703084.8	Telephone Base
279	Lapsed	9703082.1	3/25/1996	9703082.1	Telephone Base
280	Abandoned	blank	blank	blank	Network Control of Telephony Services Using Downloadable Application
281	Patent Granted	1971306.5	3/27/1997	blank	Merged Telephone and Data System
283	Application Filed	18920692.9	5/5/1999	blank	Communications System and Method
289	Abandoned	19745026.1	10/11/1997	Abandoned	PC Peripheral Telecommunications Hub
294	Application Filed	19906381.8	2/16/1999	blank	Peer to Peer Conferencing
297	Abandoned	blank	blank	blank	Customized Telephone Creating System
302	Patent Granted	19805891.8	2/14/1998	blank	Database Access Server for PBX
310	Patent Granted	19832433.2	7/18/1998	blank	Dialable Screening Profile
345	Application Filed	10010870.9	3/6/2000	blank	Adaptive Rule-based Mechanism for Feature Interaction Resolution
347	Expired	49886617.7	7/1/1998	blank	Telephone Sets
357	Patent Granted	19919976	4/30/1999	blank	Method and Apparatus for Migrating Embedded PBX System
359	Abandoned	19920430.6	5/4/1999	blank	Generation for Emulation Environment
370	Abandoned	blank	blank	blank	User Interface for Feature Interaction Resolution
425	Patent Granted	blank	blank	blank	Feature Interaction Resolution Using Policies event based model
436	Application Filed	blank	blank	blank	Security Mechanisms and Architecture for Collaborative Software
437	Application Filed	blank	blank	blank	Policy representations and mechanisms for the control of software
441	Application Filed	10053028.1	10/26/2000	blank	Common data model including field interdependencies
474	Application Filed	10113329.7	10/16/2001	blank	Enclosure tool arrangement that can be used to stack enclosures
517	Application Filed	110713.5	5/27/2002	blank	Remote Assembly of Messages for Distributed Applications
553	Patent Granted	40209041.1	10/31/2002	40209041	Mitel 5230 IP Appliance
553	Patent Granted	40209289.9	11/1/2002	40209289	Mitel 5230 IP Appliance
11152	Expired	3149292.4	5/12/1981	3149292	Voice Recognizing Telephone Call Denial System
11192	Patent Granted	3618896.4	6/5/1986	3618896	Telephone Line Status Circuit
11162	Expired	P4102751.5	1/31/1991	AB	Telephone or Data Switching System
11172	Patent Granted	P4232667.2	9/29/1992	4232667	PABX Common Relay System
11183	Patent Granted	P4309000.1	3/20/1993	4309000	Cycling Error Count for Link Maintenance
Ireland				5	
277	Abandoned	blank	blank	blank	Remote On-Demand Applications Server
279	Lapsed	11670	9/25/1996	11670	Telephone Handset
280	Abandoned	blank	blank	blank	Network Control of Telephony Services Using Downloadable Application
289	Abandoned	970701	9/26/1997	Abandoned	PC Peripheral Telecommunications Hub
302	Patent Granted	980103	2/12/1997	blank	Database Access Server for PBX
Japan					
11178	Patent Granted	278524/86	11/20/1986	blank	Solid State Trunk Circuit
UK				286	
47	Patent Granted	9211039	5/22/1992	2257321	Wireless Zone Management
50	Abandoned	9102605	2/7/1991	2241628	Electrostatic Immunity
60	Expired	9215987	blank	2258367	Abandoned Call Control and Indication
63	Patent Granted	9420589.5	10/12/1994	2283389	Charger/Detector for Cordless Telephone
70	Patent Granted	95914259.7	4/4/1995	EP0754397	Call Relay Transport Mechanism
78	Patent Granted	92921629.5	8/21/1992	0.599.931	Off-hook telephone with temporary park feature
79	Patent Granted	92921893.1	8/26/1996	610287	Wireless Interface
81	Patent Granted	9303876.8	2/26/1993	2264841	Mobile Wireless Communications System
90	Abandoned	9313094.6	6/24/1993	2268605	Option Selection and Control
98	Patent Granted	9319629.3	9/23/1993	2271448	ST Bus DSP Interface

105	Patent Granted	9324948	5/30/1994	22724198	Delayed Cancel Waiting
106	Patent Granted	9319628.5	9/23/1993	22719121	Portable Telephone User Profiles
107	Patent Granted	9318795.3	9/10/1993	22706081	Global Management of Telephone Directory
111	Patent Granted	9316752.6	8/12/1993	22747585	Associated Equipment Numbers
113	Patent Granted	9404444.3	3/8/1994	22760621	Unique Ringing on Prime Line
114	Patent Granted	9413303	1/7/1994	2280334	Wired Wireless
119	Patent Granted	9423016.6	1/15/1994	22845181	Signaling System
122	Patent Granted	9429588.7	6/7/1994	22829371	Method and Apparatus for Implementing Hunt Groups
124	Patent Granted	9420594.5	10/12/1994	22829383	Hunting Mode
126	Patent Granted	9806192.2	3/23/1998	23267931	Method of Providing a Context Type Operation Using a PBX
127	Patent Granted	9518147.5	8/6/1995	22935211	Delayed Seizure on Associated Devices
132	Patent Granted	9509193	5/5/1995	22896891	An Adaptive Method for Allocating Calls
134	Patent Granted	9523052	1/10/1995	22850681	Local Area Communications Server System
136	Patent Granted	9526887	12/29/1995	22966241	ACTIVE DIGIT CANCELLING PARALLEL DIALER
139	Patent Granted	9505127.2	3/14/1995	22895981	Enterprise Communication System
143	Patent Granted	9501468.4	1/25/1995	22876091	Hold Desk Improvement
154	Abandoned	2057194	12/22/1995	20571941	Common Base Modular-Oriented Telephone Sets
156	Abandoned	9611596.9	6/17/1994	20439801	Facsimile Controller
161	Patent Granted	9726965.8	6/4/1996	23019831	Service Context Sensitive Features & Applications
162	Patent Granted	9721574.3	10/10/1997	23227191	Transfer of Basic Knowledge to Agents
163	Patent Granted	9610790.9	5/23/1996	23271741	Dynamic Load Sharing
164	Patent Granted	9626453.7	12/22/1995	22961981	Method and Apparatus for Managing Calls Using a Soft Call Park
165	Patent Granted	9524217.8	12/29/1995	22957471	Communication System Using Server
171	Patent Granted	9713736.6	6/27/1997	23147281	Human Machine Interface For Telephone Feature Invocation
172	Patent Granted	9811268.3	5/26/1998	23260571	Slant Monitoring Agent ID's
180	Patent Granted	9703556.2	2/20/1997	23111881	Application Call Routing
182	Patent Granted	9604701.4	3/5/1996	22987621	Org Chart Based Call Routing
183	Expired	9603621.5	2/2/1/1996	22984521	Common ARS Leading Digit Strings
192	Application Filed	9726966.6	12/19/1997	23225171	Modular Stacking Electronic Enclosure System
193	Patent Granted	9617632.8	8/21/1996	23053311	Voice Custom Control of Activities
195	Patent Granted	9622280.7	10/25/1996	23068711	Architecture for Robust Voice CTI
196	Patent Granted	9622024.9	10/24/1996	23068531	PC Speedcall
200	Patent Granted	9606193	3/23/1996	23244391	Transparent Call Indication
201	Abandoned	9606191.4	3/23/1998	23242241	Series Equipment With DC Line Hold Transfer
205	Abandoned	blank	blank	blank	Method of Call Screening
210	Application Filed	10987.6	5/5/2000	blank	Portable Directory Number
210	Application Filed	9910210.5	5/5/1999	2349715A	Quotation Mechanism for Service Environments
213	Abandoned	9712528	6/17/1997	blank	Quotation Mechanism for Service Environments
214	Patent Granted	9716058.4	7/31/1997	23169301	Speech Based Authentication Mechanism
221	Abandoned	9825219	1/1/8/1998	blank	Interconnect Design for use Between Flexible Circuits and T
225	Abandoned	9815412.3	7/15/1998	blank	On-Line Interactive Product Testing of Prototype for New
227	Patent Granted	9714255.8	7/8/1997	23151911	Video Phone Call-On Hold
232	Abandoned	9622279.9	10/25/1996	23068701	Opportunistic Call Forwarding
233	Abandoned	9620460.7	10/1/1996	blank	Independent Application Invocation
234	Patent Granted	9727407	12/29/1997	23328101	End-to-End Clock Recovery for ATM Networks
236	Patent Granted	9714057.8	7/4/1997	23151891	Sustained Call Announce
240	Patent Granted	9715615.2	7/25/1997	2.315.859	Automatic Speed Call Updating
250	Patent Granted	9802075.3	1/30/1998	23222591	Simulating Touch Screen Capability Using Video Input
258	Patent Granted	9718020.2	8/26/1997	23288311	Animated Cursor
					Dynamic Communication Groups

261	Patent Granted	9714614.6	7/11/1997	2315192	Integrated PC/Cordless Phone/Telephone Network Interface Device
266	Abandoned	9708608.6	4/29/1997	blank	Protected Persistent Storage Access for Mobile Applications
267	Patent Granted	9802794.9	4/22/1997	2324677	Remote Line Monitoring
270	Application Filed	9908576.3	4/16/1998	2340554	Spatial Audio for Virtual Meeting Places
272	Patent Granted	9806879.4	4/1/1998	blank	Agent-Based Data Mining End Warehousing
274	Patent Granted	9824148.2	11/4/1998	2,331,201	Call Routing Based on Caller's Mood
277	Abandoned	blank	10/6/1997	blank	Remote On-Demand Applications Server
278	Patent Granted	2064487	9/25/1996	2064487	Telephone Base
279	Lapsed	2064488	9/25/1996	2064488	Telephone Handset
280	Abandoned	blank	blank	blank	Network Control of Telephony Services Using Downloadable Application
281	Patent Granted	9706390.3	3/27/1997	2311690	Merged Telephone and Data System
282	Patent Granted	9714687.2	7/11/1997	2,315,384	Multiple Owner Resources Management
283	Application Filed	9809601.9	9/5/1998	2337176	Communications System and Method
284	Patent Granted	9715616	7/25/1997	2315927	Simple Interconnect for Flexible Circuits
286	Abandoned	9719709.9	9/16/1997	blank	Presenting CT Options
287	Abandoned	9804740	2/11/1998	blank	Distributed Bus Arbitration Scheme with Multiple Programs
289	Abandoned	9720337.6	9/24/1997	2318480B	PC Peripheral Telecommunications Hub
290	Patent Granted	9718823.9	9/4/1997	2,329,046	Web Based Help Desk, Auto Attendant
291	Patent Granted	9804645.1	4/3/1998	2323499	One Button Intelligent CTT Dialing
292	Patent Granted	9805270.7	3/13/1998	2324896	Automatic Web Page Creation
293	Abandoned	blank	blank	blank	Two-Pole Isolated Switch
294	Application Filed	9803205.5	2/17/1998	2334405	Pearl to Pearl Conferencing
296	Patent Granted	9719901.2	9/18/1997	2317783	Off-Hook Detector for Headset
297	Abandoned	9719903.8	9/18/1997	2318702	Customized Telephone Greeting System
298	Patent Granted	9720653.6	9/29/1997	2318703	System for Interactive Control of Computer and Telephone
299	Abandoned	9811025.7	5/21/1998	blank	Integrated help system
301	Application Filed	9808178.9	4/17/1998	2336503	Item Selection in a Telephony Interface
302	Patent Granted	9802888.9	2/12/1998	2,323,249	Database Access Server for PBX
303	Abandoned	9705265.8	3/13/1997	blank	Paper Drill Lubricator
310	Patent Granted	9716393.5	8/1/1997	2,328,110	Dialable Screening Profile
313	Abandoned	9721166.8	10/6/1997	blank	Music-on-Hold and Announcement-on-Hold Evasion System
314	Abandoned	9721165	10/6/1997	blank	Method and System for User Selectable Priority Queuing
315	Abandoned	9818796.6	8/28/1998	blank	Method to Avoid Loss of Data in a Packet Switch When an
319	Application Filed	9806445.4	3/25/1998	2,333,824	E-mail with Embedded Java Application
321	Patent Granted	9811967	6/3/1998	2338146	Call Hold Improvement
322	Patent Granted	9722325.9	10/22/1997	2330224	Integrated Directory Services
323	Patent Granted	9721353.2	10/8/1997	2330222	Bidirectional Conversation Library
325	Patent Granted	9811253.1	5/26/1998	2337892	Smart transfer for answering positions
326	Abandoned	blank	blank	blank	Messaging Screen Saver
327	Abandoned	9723906.1	11/12/1997	blank	Ambience - Sensitive Alerting System
329	Abandoned	9720023.2	9/19/1997	blank	Mail Soft User Guide Tool
330	Patent Granted	9810422.7	5/14/1998	2337435	3D View of Incoming Communications
331	Patent Granted	9723909.9	11/12/1997	2331655	PC Server Telecommunications Power
333	Abandoned	9819233.9	9/3/1998	blank	Microcode Encryption for Embedded MCLUs and DSPs
335	Abandoned	9827158.8	12/9/1998	2344719	Distributed Technique for Allocating Calls
336	Application Filed	9821796.1	10/6/1998	blank	Software to Help Choose the Most Economical Phone Company
339	Abandoned	9825286.9	11/18/1998	2344013	Remote Peripheral Switch Backup Call Service Mechanism
341	Application Filed	9926182.8	11/4/1999	2365522	Desktop Application Telephony Interface
343	Abandoned	9905156.7	3/5/1999	2347579	Adaptive Rule-based Mechanism for Feature Interaction Resolution
345	Application Filed	9919941.6	3/7/2001	2,353,916	Adaptive Rule-based Mechanism for Feature Interaction Resolution

346	Expired	9801599.3	1/28/1998	2330477	Variable Angle Mechanism for Desktop Telephone
347	Expired	9803352.5	7/2/1998	2322257	Telephone Sets
349	Application Filed	9903042.1	2/1/1999	blank	Palm PC Dock-able Phone
353	Patent Granted	9910208.9	5/5/1999	2337408	Low Power Dialer
353	Patent Granted	9924907	10/22/1999	2340342	Low Power Dialer
354	Abandoned	9907912.1	4/8/1999	blank	Echo Cancelling
355	Application Filed	9917644.8	7/27/1999	2349774	MLTS Emergency Call Processing
356	Patent Granted	20702.7	8/22/2000	2356317	Voice Mail By Twinning
357	Patent Granted	9826478.1	12/3/1998	2336969	Method and Apparatus for Migrating Embedded PBX System to
358	Abandoned	9819966.4	9/15/1998	blank	Generation for Emulation Environment
359	Application Filed	207.1	1/7/2000	2.358.072	Range Editing Dialog
361	Patent Granted	9900633	1/12/1999	2345816	Combination Connector/Microphone
367	Application Filed	1695.6	1/25/2000	2.358.752	A caching mechanism to optimize the bidding process used
370	Abandoned	9919941.6	8/23/1999	2.353.916	User Interface for Feature Interaction Resolution
372	Application Filed	9908523.5	4/14/1999	2349040	Adaptive Feature Behavior
373	Patent Granted	9910654.4	5/7/1999	234973A	Using a Gatekeeper to Produce an H.323 PBX
375	Abandoned	9908563.1	4/15/1999	blank	A Technique for Patching of Updating Software/Firmware/Code
376	Application Filed	9819142.2	9/2/1998	blank	Line Appearance Security Interface for TAPI SP
377	Abandoned	9822479	10/16/1998	blank	On-Line Help Integration with Third Party Software
381	Abandoned	9923631.7	10/6/1999	blank	Passive Feature Activation
382	Application Filed	9920464.6	8/31/1999	2.354.133A	Features Based On Network Congestion
383	Application Filed	3724.2	2/17/2000	2.359.446	A Mechanism to Optimize a Distributed AARS Using RIP Caching
384	Application Filed	9902540.5	2/4/1999	2346461	SEDO - Semantic Errors Diagnostic Operation for Multi-agent System
386	Application Filed	2743.3	2/7/2000	2.358.988	Feature Provisioning by Injection
387	Abandoned	not reporte	04/21	blank	A Method for Reducing Handset Transmitter Wind Noise
391	Application Filed	1957	1/29/2000	2358763	Multi-person Phone
392	Abandoned	9925949.1	11/2/1999	blank	Voice Attachments for Voice Mail
394	Patent Granted	2084151	12/9/1998	2084151	Plastic Door
399	Application Filed	9919245.2	8/13/1999	2347581	QuickPick
400	Application Filed	9919242.9	8/13/1999	2347580	Dynamic Rules Based Resource Allocation
401	Application Filed	9919241.1	8/13/1999	blank	On-demand buffering
402	Patent Granted	9919248.6	8/13/1999	blank	Automatic synchronization of address directories for unified messaging
403	Application Filed	9919244.5	8/13/1999	blank	Automatic selection of user preferences based on CLI data
404	Application Filed	9919246	8/13/1999	blank	Extensible dial by name for messaging via telephone access to electronic
406	Abandoned	blank	blank	blank	Automated Cadence Analyzer for Call Progress Tone Detection
407	Abandoned	9923813.1	10/9/1999	blank	Centralized and Secure Voice Mail Distribution and Access
409	Abandoned	9925950.9	11/2/1999	blank	Bookmarks in Voice Mail
409	Application Filed	2500.7	2/4/2000	2361380	Route Optimization Over Diverse Media
410	Patent Granted	9918384.0	8/6/1999	blank	Onhook Telecom Power Supply Current Regulator Mode
411	Application Filed	9930496.6	12/23/1999	2.357.659	Communications System Architecture for Voice Collaboration
413	Abandoned	9918383.2	8/6/1999	blank	Virtual phone line access device
414	Abandoned	9501.8	4/17/2000	blank	Automatic Speech Recognition Feature Deliver
415	Application Filed	7580.4	3/30/2000	2360903	Handwriting Phone
416	Abandoned	9927592.7	1/12/21/999	blank	Silence suppression/insertion to compensate for unlocked clock jitter in
417	Patent Granted	9910957.1	5/17/1999	2.350.009	Using Line Appearance to Allow Multiple Devices to Appear Over
418	Abandoned	9930615.1	12/24/2000	2357660	Billing Optimization for Private Communication System (PCS)
419	Abandoned	5285.2	3/7/2000	2360166	Voice Invoked Call Blocking
421	Application Filed	10267.3	4/28/2000	2361831	Log In To A Live Appearance
423	Application Filed	9922987.4	9/29/1999	2355130	A method for the synchronization of analog call display data in distribut
425	Patent Granted	9916234.9	7/9/1999	2.351.870	Feature Interaction Resolution Using Policies event based model

428	Abandoned	4200.2	2/22/2000	blank	Mechanism for appending to voice mail greeting based on schedule
428	Application Filed	11237.5	5/17/2000	2350014A	Method to implement Digital Private Signalling System (DPNSS)
428	Application Filed	9910931.6	5/17/1999	blank	Method to implement Digital Private Signalling System (DPNSS)
429	Application Filed	9919243.7	8/13/1999	2347530	Branding dynamic link libraries
430	Patent Granted	9910495.2	5/6/1999	2349772	Voice multicast method
433	Application Filed	9921556.8	9/14/1999	2394393	Complex acoustic path and gasket for use with microphones
436	Application Filed	9923544.2	10/5/1999	2355140	Security Mechanisms and Architecture for Collaborative Software
437	Application Filed	9922096.4	9/17/1999	2.354.350	Policy Representations and Mechanisms for the control of software
439	Application Filed	9926945.8	11/16/1999	2.356.495	Method of releasing teledata cables from deeply recessed RJ connectors
440	Application Filed	9926913.6	11/12/1999	2.356.326	Powering arrangement for an ethernet LAN connected telephone
441	Application Filed	9925175.3	10/26/1999	2355818	Common data model including field interdependencies
442	Abandoned	5365.2	3/6/2000	blank	Timed schedule reminder
444	Application Filed	9925263.7	10/26/1999	2.355.816	Efficient Controlled current sink for LED backlight panel
446	Application Filed	212593.8	5/31/2002	blank	Best Effort Search Email Gateway
448	Application Filed	21999.8	9/7/2000	2.366.932	Ultra-sonic proximity sensor for telephony
448	Application Filed	24350.1	10/5/2000	abandoned	Use of handset microphone to enhance speakerphone loudspeaker
452	Abandoned	2050.3	1/26/2000	blank	In Building Mobile Networks
458	Application Filed	21089.8	8/25/2000	blank	Resource Sharing Using Sliding Constraints
460	Application Filed	1035.5	1/17/2000	2.358.986	Simple Supplementary Service Protocol (SSSP)
461	Application Filed	102139.3	1/27/2001	blank	PDA Enabled Set
462	Application Filed	11877.8	5/18/2000	2.362.526	Combination Visible and Infrared Light Pipe
463	Application Filed	15152.2	6/22/2000	2363919	Efficient Battery Transfer Circuit
464	Patent Granted	5375.1	3/6/2000	blank	Efficient dual-source wide-input isolated DC-DC converter with effective
466	Application Filed	204056.6	2/21/2002	blank	Voice activated language translation
469	Application Filed	9618	4/16/2000	2.361.567	Hardware Authentication Method
469	Application Filed	213134	6/7/2002	blank	Visually Impaired Application
472	Application Filed	120672.1	8/24/2001	blank	Intermediate voice and DTMF detector device for improved speech
473	Application Filed	22410.5	9/13/2000	abandoned	Telephone independent provision of speech recognition during dial
474	Application Filed	6554	3/17/2000	blank	Enclosure foot arrangement that can be used to stack enclosures
476	Abandoned	102097.3	1/26/2001	blank	Bluetooth light/power socket adapters
478	Application Filed	9067	4/12/2000	Abandoned	Tree hierarchy and description for generated logs
479	Application Filed	8952.4	4/12/2000	AB	Dynamic rule sets for generated logs
481	Application Filed	102632.7	2/22/2001	blank	Telephone line powered CO drop reconnect
483	Application Filed	222143	9/24/2002	blank	Adaptive predictive payout schema for packetized voice applications
485	Application Filed	17730.3	7/19/2000	blank	Method of attaching moulded enclosures
486	Application Filed	106960.8	3/20/2001	blank	Voice Mail Number and E-Mail Extraction
490	Abandoned	126892.8	1/17/2001	blank	Subscriber Based Calling Name Database
491	Application Filed	121150.7	8/31/2001	blank	A better presentation of a menu for an interactive voice response system
492	Application Filed	16144.8	6/30/2000	2.364.480	Method of using speech recognition to initiate a WAP Session
493	Application Filed	18475.4	7/27/2000	blank	Formed Lens Tab for Designation Card Insert
494	Patent Granted	2094102	7/6/2000	2094102	Superconsonse-2000
495	Application Filed	16142.2	6/30/2000	blank	Acoustic Talker Localization
496	Application Filed	208579.2	4/26/2002	blank	Compensation of beamformer steering delay for improvement
498	Application Filed	24582.9	10/6/2000	blank	Method for handling far-end speech effects in hands-free telephony
502	Application Filed	29418.1	12/4/2000	2.366.500	Methods and Apparatus for Previewing Multimedia Attachments
503	Application Filed	104084.9	2/20/2001	blank	Microphone Gasket with Integrated Acoustic Resistance
505	Agent	blank	blank	blank	Wakeup to Music (Selectable Music)
506	Agent	blank	blank	blank	User Selectable Background Music Source
507	Application Filed	125995.6	11/29/2001	blank	Automatic Location-Aware Feature Selection
508	Application Filed	129250.7	12/6/2001	blank	Pro-Active Features for Telephony

509	Application Filed	12/16/06	8/3/2/2001	blank	A Split Browser for Stimulus Phones
510	Application Filed	blank	blank	blank	Method of Enabling a CPE to Test a Telephone Line and Report
511	Abandoned	blank	2/26/2001	blank	System for Translating a Displayed Character String to a Dialed
513	Application Filed	200746.6	1/4/2/2002	blank	Method and Apparatus for Establishing and maintaining voice
514	Patent Granted	2,106,657	1/30/2001	2106657	Mouse Controller
514	Patent Granted	3,000,892	1/23/2002	3000892	Mouse Controller
516	Application Filed	109241	4/12/2001	blank	Mobile Interactive Logs
517	Application Filed	110713.5	5/2/2001	blank	Remote Assembly of Messages for Distributed Applications
518	Application Filed	111300	5/9/2001	blank	Master/Slave Frame Lock Method
519	Application Filed	201399.3	1/22/2002	blank	Phantom-led to Spare-Pair Conversion
520	Application Filed	200745.8	1/14/2002	blank	Triple Space Operations for Fine Grained Control
521	Application Filed	200747.4	1/14/2002	blank	A Hardware-Assisted Triple Space
522	Application Filed	126549.3	11/6/2001	blank	A protocol for Facilitating the Selection of Electronic Services Using In
523	Application Filed	126650.1	11/6/2001	blank	An Infrared-based Protocol for Selecting a Service from a Set of Discover
524	Application Filed	200931.3	2/19/2002	blank	Remote Programming of Serialized Semiconductor Devices Usin
525	Application Filed	200934.8	1/16/2002	blank	Efficient Power Supply Start Up Circuit
527	Application Filed	122288.4	9/14/2001	blank	Headset or Handset signaling scheme
528	Application Filed	212298.4	5/28/2002	blank	Echo Canceller Employing H-register and Storage Register
529	Application Filed	202314.1	2/11/2002	blank	Cheap Lightpipe Design and Construction
530	Application Filed	225428.2	10/31/2002	blank	Call Redirection Zones for Wireless Communications
531	Abandoned	122079.7	9/12/2001	blank	Voice Identification Pre-Screening and Redirection System
532	Application Filed	212397.4	5/29/2002	blank	Line Echo Cancellation System
533	Application Filed	123451.7	9/28/2001	blank	Loudspeaker cap to reduce structural acoustic modes
534	Application Filed	120450.2	8/22/2001	blank	Robust Ticker Localization in Reverberant Environment
535	Application Filed	120322.3	8/21/2001	blank	Method to improve Near-end Voice Activity Detection in Audio S
536	Application Filed	121206.7	8/31/2001	blank	Method of indicating and controlling sound pickup direction and location
537	Application Filed	blank	2/19/2002	blank	Solution to Enhanced Emergency Services (e.g. E911) for IP
538	Patent Granted	2,104,854	9/17/2001	2,104,854	\$303 Conference Phone
541	Application Filed	204246.3	2/22/2002	blank	Automated Voice and Text Language Translation System
542	Application Filed	218716.9	8/12/2002	blank	Privacy and Security Mechanism for Presence Systems
543	Application Filed	218713.6	8/12/2002	blank	Architecture and Implementation for Context Aware Call Processing
544	Application Filed	218712.8	8/12/2002	blank	Context Aware Call Handling System
545	Application Filed	204768.6	2/28/2002	blank	Bi-modal Feature Access for Web Applications
546	Application Filed	218711	8/12/2002	blank	Making Presence Services Aware of Communication Services
547	Application Filed	218710.2	8/12/2002	blank	Personalized and Customizable Feature Execution and Specificatio
548	Application Filed	223059.7	10/4/2002	blank	Method to Control Noise Level Calculations in a Conferencing System
549	Application Filed	213732.1	6/4/2002	blank	7 kHz audio earpieces/slow leak conditions and high leak conditions)
550	Application Filed	218714.4	8/12/2002	blank	Generation of availability indicators from call control policies for pres
552	Application Filed	218708.6	8/12/2002	blank	Availability and Location Predictor Using Call Processing Indicators
553	Patent Granted	3008243	11/1/2002	3008243	Miter 5230 IP Appliance
553	Patent Granted	3008244	11/1/2002	blank	Miter 5230 IP Appliance
555	Application Filed	210408.3	5/3/2002	blank	Replaceable Personal Digital Assistant Cradle for Desktop Telephone
556	Application Filed	227885.1	11/29/2002	blank	IP Device Registration for a Multiple DHCP Server Network
557	Application Filed	218707.8	8/12/2002	blank	Role-based Presence
559	Application Filed	222067.1	9/23/2002	blank	Asymmetrical loudspeaker enclosures to achieve enhanced low
560	Application Filed	224187.5	10/17/2002	blank	Interactive Conflict Resolution for Personalized Policy-Based Services
11107	Expired	7939268	10/26/1979	2061689	Transformers Trunk Circuit
11152	Expired	8130679	7/27/1981	2098830	Voice Recognizing Telephone Call Denial System
11152	Expired	8419191	10/12/1981	2144944	Voice Recognizing Telephone Call Denial System
11153	Lapsed	8327456	7/28/1983	2136659	Subscriber Line Interface Circuit

11178	Patent Granted	8612353	5/21/1986	2183426	Solid State Trunk Circuit
11192	Patent Granted	8526598	10/29/1985	2176372	Telephone Line Status Circuit
11197	Patent Granted	8614922	6/19/1986	2184577	Data Storage System
11199	Patent Granted	8620722	8/27/1986	2186762	Communications Switching System
11103	Patent Granted	8502735	2/4/1985	2171576	Wireless Telephone System
11103	Patent Granted	8822635.2	9/27/1988	2208778	Wireless Telephone System
11108	Lapsed	8621650	9/9/1986	2182189	LED Driver Circuit
11123	Patent Granted	8728467	12/4/1987	2198917	Apparatus and Method for Synchronizing a Communication System
11138	Patent Granted	8910226.3	5/4/1989	2219174	Digital DTMF Tone Detector
11144	Patent Granted	8901981.4	1/30/1989	2215561	Communication System Supporting Remote Operations
11145	Patent Granted	8918022.8	8/7/1989	2222056	Trunk Cord with Distributed Signalling Voltages
11153	Patent Granted	8925199.5	11/6/1989	2225194	Group Emergency Call System
11162	Expired	9102098.2	1/31/1991	2240905	Telephone or Data Switching System
11163	Patent Granted	9105522.8	3/15/1991	2245127	Data Transfer
11170	Patent Granted	9227115.4	12/30/1992	2263042	Voice Activated Telephone Set
11172	Patent Granted	9220598.2	9/29/1992	2260064	PABX Common Relay System
11172	Patent Granted	9514139.6	9/29/1992	2289801	PABX Common Relay System
11172	Patent Granted	9514140.4	9/29/1992	2289891	PABX Common Relay System
11174	Patent Granted	9211157.4	5/26/1992	2286349	Modular Communication System with Allocatable Bandwidth
11174	Patent Granted	9507657.6	5/26/1992	2286099	Modular Communication System with Allocatable Bandwidth
11174	Patent Granted	9507658	5/26/1992	2286318	Modular Communication System with Allocatable Bandwidth
11176	Patent Granted	9207399.8	4/2/1992	2259556	Compressed Language Dictionary
11179	Patent Granted	9308617.1	4/26/1993	2266820	Programmable Call Progress Tones for a Switching System
11182	Patent Granted	9309441.5	5/7/1993	2267417	Digital Class Receiver
11183	Patent Granted	9305570.5	3/18/1993	2265796	Cycling Error Count for Link Maintenance
190121	Patent Granted	8904889.6	3/3/1989	2221596	Digital key system architecture
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47	Patent Granted	238632	5/5/1994	5586167	Wireless Zone Management
47	Patent Granted	875981	4/29/1992	5329576	Wireless Zone Management
50	Abandoned	198537	2/18/1994	5440630	Electrostatic Immunity
60	Expired	755,488	9/11/1991	5475745	Abandoned Call Control and Indication
63	Patent Granted	321239	10/11/1994	5596533	Charger/Detector for Cordless Telephone
77	Patent Granted	211618	10/9/1992	5502634	Regulated Auxiliary Power Supply
78	Patent Granted	08/196,238	2/17/1994	5,440,628	Off-hook telephone with temporary park feature
79	Patent Granted	08/702,801	8/26/1996	5677942	Wireless Interface
81	Patent Granted	21862	2/24/1993	5423065	Mobile Wireless Communications System
90	Abandoned	957390	10/22/1993	5933087	Option Selection and Control
93	Patent Granted	41955	4/2/1993	5386459	Method of Defining Operation of Switching System Peripherals
96	Abandoned	blank	12/7/1999	5,999,592	Network Mode Event Notification in Circuit Switched Environments
98	Patent Granted	8065533	5/21/1993	5649148	ST Bus DSP Interface
105	Patent Granted	8163004	1/26/1995	5425092	Delayed Cancel Waiting
106	Patent Granted	25889	3/3/1993	5657377	Portable Telephone User Profiles
107	Patent Granted	1199883	9/10/1993	5509058	Global Management of Telephone Directory
109	Patent Granted	7962330	10/16/1992	5,659,788	Method of Operating a Computer Program
111	Patent Granted	59837	5/7/1993	5454032	Associated Equipment Numbers
113	Patent Granted	207958	3/8/1994	5481746	Unique Ringing on Prime Line
114	Patent Granted	636777	4/19/1996	5703942	Uniqued Wireless
118	Patent Granted	8225655	4/11/1994	5515428	Multiple Queue Resource Management
119	Patent Granted	330450	10/28/1994	5539816	Signalling System
122	Patent Granted	321238	10/11/1994	blank	Method and Apparatus for Implementing Hunt Groups

125	Patent Granted	352,747	12/21/1994	554,1983	Automatic Telephone Feature Selector
126	Patent Granted	8833426	4/7/1997	5949873	Method of Providing a Centrex Type Operation Using a PBX
127	Patent Granted	520590	10/14/1994	5398169	Delayed Seizure on Associated Devices
132	Patent Granted	8426960	4/24/1995	5675638	An Adaptive Method for Allocating Calls
134	Patent Granted	8339463	11/14/1994	5,657,446	Local Area Communications Server System
136	Patent Granted	8366668	12/30/1994	5766341	ACTIVE DIGIT CANCELLING PARALLEL DIALER
139	Patent Granted	257917	6/10/1994	5638494	Enterprise Communication System
139	Patent Granted	blank	blank	5,802,396	Enterprise Communication System
143	Patent Granted	369179	1/5/1995	5625652	Help Desk Improvement
154	Abandoned	29055981	6/19/1996	401,234	Common Base Modular-Oriented Telephone Sets
154	Abandoned	89713	6/22/1998	406836	Common Base Modular-Oriented Telephone Sets
154	Abandoned	89715	6/22/1998	406838	Common Base Modular-Oriented Telephone Sets
154	Abandoned	89716	6/22/1998	406839	Common Base Modular-Oriented Telephone Sets
156	Abandoned	blank	7/19/1994	375948	Facsimile Controller
160	Patent Granted	8461451	6/5/1995	5761288	Service Context Sensitive Features & Applications
161	Patent Granted	08/780409	1/9/1997	blank	Transfer of Basic Knowledge to Agents
161	Patent Granted	08/673,756	10/11/2001	AB	Transfer of Basic Knowledge to Agents
162	Patent Granted	08/888,618	7/7/1997	5,967,117	Dynamic Load Sharing
163	Patent Granted	8474369	6/1/1995	5,754,627	Method and Apparatus for Managing Calls Using a Soft Call Park
164	Patent Granted	08/364,620	12/27/1994	5631954	Communication System Using Server
165	Patent Granted	8346600	11/29/1994	5533110	Human Machine Interface For Telephone Feature Invocation
170	Patent Granted	8367821	1/3/1995	5802396	Multi-threading in a Multi-agent System
171	Patent Granted	8671937	6/28/1996	5764728	Silent Monitoring Agent ID's
172	Patent Granted	8870317	6/6/1997	ab	Application Call Routing
172	Patent Granted	09/373,752	5/14/2002	blank	Application Call Routing
180	Patent Granted	8613522	3/11/1996	6,075,851	Org Chart Based Call Routing
181	Abandoned	08/907625	8/8/1997	blank	Implementing Minnet On Layers 1 & 2 of the ISDN Protocol Stack
182	Patent Granted	8612432	3/7/1996	6,301,353	Common ARS Leading Digit Strings
182	Patent Granted	09/630188	9/12/2000	blank	Common ARS Leading Digit Strings
183	Expired	8397354	3/2/1995	839754	Modular Stacking Electronic Enclosure System
185	Abandoned	8780503	1/8/1997	blank	Pneumatic Quick Change Lock
192	Application Filed	08/804,831	2/24/1997	AB	Voice Custom Control of Activities
193	Patent Granted	529441	9/7/8/1995	6,091,803	Architecture for Robust Voice CTI
195	Patent Granted	8731666	10/7/1996	blank	PC Speedcall
196	Patent Granted	09/190188	10/17/1996	blank	Transparent Call Indication
200	Patent Granted	08/843,250	4/14/1997	5,940,500	Series Equipment With DC Line Hold Transfer
201	Abandoned	08/833,425	4/7/1997	blank	Method of Call Screening
205	Abandoned	8685538	7/24/1996	blank	Portable Directory Number
210	Application Filed	09/566049	5/5/2000	blank	Quotation Mechanism for Service Environments
213	Abandoned	8664343	6/17/1996	blank	Speech Based Authentication Mechanism
214	Patent Granted	08/902833	7/30/1997	5967854	Interconnected Design for use Between Flexible Circuits and Teledapt
227	Patent Granted	08/896,059	6/30/1997	6,130,938	Opportunistic Call Forwarding
232	Abandoned	8732812	10/15/1996	blank	Independent Application Invocation
233	Abandoned	8728566	10/8/1996	blank	End-to-End Clock Recovery for ATM Networks
234	Patent Granted	209261	12/11/1998	AB	Sustained Call Announce
236	Patent Granted	08/885,033	6/30/1997	6047052	Automatic Speed Call Updating
240	Patent Granted	08/899,049	7/23/1997	AB	Simulating Touch Screen Capability Using Video Input
250	Patent Granted	08/815858	3/4/2/1997	5898432	Animated Cursor
258	Patent Granted	09/137630	8/21/1998	blank	Dynamic Communication Groups
261	Patent Granted	08/890801	7/11/1997	6006088	Integrated P/C/Classless Phone/Telephone Network Interface Device

265	Abandoned	8638807	4/29/1996	blank	Protected Persistent Storage Access for Mobile Applications
267	Patent Granted	09/062995	4/21/1998	Abandoned	Remote Line Monitoring
270	Application Filed	09/547368	4/11/2000	blank	Spatial Audio for Virtual Meeting Places
272	Patent Granted	09/241_304	2/1/1999	6,490,037	Agent-Based Data Mining End Warehousing
274	Patent Granted	09/188312	11/10/1998	6,441,687	Call Routing Based on Caller's Mood
277	Abandoned	blank	blank	blank	Remote On-Demand Applications Server
278	Patent Granted	29/060315	3/25/1997	394259	Telephone Base
279	Lapsed	29060318	9/26/1996	393649	Telephone Handset
280	Abandoned	08/945_080	10/6/1997	blank	Network Control of Telephony Services Using Downloadable Application
281	Patent Granted	08/827_161	4/21/1996	5982767	Merged Telephone and Data System
282	Patent Granted	8743346	1/4/1996	5920622	Multiple Owner Resource Management
283	Application Filed	9305873	5/5/1999	blank	Communications System and Method
284	Patent Granted	08/899047	7/23/1997	5980288	Simple Interconnect for Flexible Circuits
286	Abandoned	09/148691	9/16/1997	blank	Presenting CT Options
287	Abandoned	09/035_843	3/6/1998	blank	Distributed Bus Arbitration Scheme with Multiple Programmable
289	Abandoned	08/733_807	10/18/1996	Abandoned	PC Peripheral Telecommunications Hub
290	Patent Granted	109/145_919	9/3/1997	6,230,287	Web Based Help Desk, Auto Attendant
291	Patent Granted	8815564	3/3/1997	5903631	One Button Intelligent CTI Dialing
292	Patent Granted	8816270	3/13/1997	5940834	Automatic Web Page Creation
293	Abandoned	08/710185	9/13/1996	blank	Two-Port Isolated Switch
294	Application Filed	09/245062	2/5/1999	Abandoned	Peer to Peer Conferencing
296	Patent Granted	08/839901	9/20/1996	5832075	Off-Hook Detector for Headset
297	Abandoned	08/940373	9/30/1997	blank	Customized Telephone Greeting System
298	Patent Granted	08/940246	9/30/1997	6018571	System for Interactive Control of Computer and Telephone
299	Abandoned	not reported	05/21	blank	Integrated help system
301	Application Filed	09/1294175	4/19/1999	blank	Item Selection in a Telephony Interface
302	Patent Granted	09/023610	2/13/1998	6,246,678	Database Access Server for PBX
310	Patent Granted	09/121354	7/23/1998	6,363,140	Database Screening Profile
313	Abandoned	60/060965	10/6/1997	blank	Music-on-Hold and Announcement-on-Hold Evasion System
314	Abandoned	60/060966	10/6/1997	blank	Method and System for User Selectable Priority Queuing
319	Application Filed	09/274120	3/23/1999	blank	E-mail with Embedded Java Application
321	Patent Granted	09/311779	5/13/1999	6,415,020	Call Hold Improvement
322	Patent Granted	09/165644	10/9/1998	6,377,950	Integrated Directory Services
323	Patent Granted	09/159161	9/23/1998	6,314,429	Bi-directional Conversion Library
325	Patent Granted	09/320108	5/26/1999	blank	Smart transfer for answering positions
327	Abandoned	60/065353	1/12/1997	blank	Ambience - Sensitive Alerting System
330	Patent Granted	09/311188	5/14/1998	blank	3D View of Incoming Communications
331	Patent Granted	09/189694	1/12/1998	6,434,236	PC Server Telecommunications Power
333	Patent Granted	08/970152	1/13/1997	5974084	Method of Operating a Modem in the Presence of Interrupted Dial Tone
336	Application Filed	09/455658	12/7/1999	blank	Distributed Technique for Allocating Calls
341	Application Filed	09/435581	11/8/1999	blank	Remote Peripheral Switch Backup Call Service Mechanism
343	Abandoned	blank	blank	blank	Desktop Application Telephony Interface
345	Application Filed	09/518555	2/28/2000	blank	Desktop Application Telephony Interface
346	Expired	09/237338	1/26/1999	6,351,535	Adaptive Rule-based Mechanism for Feature Interaction Resolution
347	Expired	29/090649	7/13/1998	423497	Variable Angle Mechanism for Desktop Telephone
347	Expired	29/104935	7/13/1999	421264	Telephone Sets
349	Application Filed	09/502085	2/10/2000	blank	Palm PC Dock-able Phone
350	Application Filed	09/0336_362	6/18/1999	blank	Method of Compressing and Decompressing Audio Data Using
353	Patent Granted	09/079280	5/15/1998	6,185,297	Low Power Dialer
355	Application Filed	09/304544	5/4/1999	blank	MLTS Emergency Call Processing

356	Patent Granted	09/642560	8/21/2000	blank	blank	Voice Mail By Twinning
357	Patent Granted	09/302881	4/30/1999	6,366,656	Method and Apparatus for Migrating Embedded PBX System to Range Editing Dialog	
359	Application Filed	09/755568	1/5/2001	blank	ISDN Camera	
360	Abandoned	09/144653	9/11/1998	blank	Combination Connector/Microphone	
361	Patent Granted	09/478646	1/6/2000	6,411,711	A caching mechanism to optimize the bidding process used to	
367	Application Filed	09/768129	1/23/2001	blank	User Interface for Feature Interlock Resolution	
370	Abandoned	blank	2/28/2000	blank	Adaptive Feature Behavior	
372	Application Filed	09/549013	4/14/2000	blank	Using a Gatekeeper to Produce an H.323 PBX	
373	Patent Granted	09/564287	5/4/2000	blank	Using a Gatekeeper to Produce an H.323 PBX	
376	Patent Granted	10/564287	7/19/2002	blank	Line Appearance Security Interface for TAPI SP	
382	Application Filed	09/651842	8/31/2000	blank	Features Based On Network Congestion	
383	Application Filed	09/784969	2/16/2001	blank	A Mechanism to Optimize a Distributed AARS Using RTP Caching	
384	Application Filed	09/497305	2/3/2000	blank	Feature Provisioning by Injection	
386	Application Filed	09/779253	2/7/2001	blank	SEDO - Semantic Error Diagnostic Operation for Multi-agent System	
391	Application Filed	09/764,458	1/19/2001	blank	Multiperson Phone	
392	Abandoned	blank	blank	blank	Voice Attachments for Voice Mail	
394	Patent Granted	129/105430	6/16/1999	DES,4373	Plastic Door	
399	Application Filed	09/259985	3/1/1999	blank	QuickPick	
400	Application Filed	09/259986	3/1/1999	blank	Dynamic Rules Based Resource Allocation	
401	Application Filed	09/258507	2/26/1999	blank	On-demand buffering	
402	Patent Granted	09/259811	2/26/1999	6,418,200	Automatic synchronization of address directories for unified messaging	
403	Application Filed	09/258717	2/26/1999	blank	Automatic selection of user preferences based on CLI data	
404	Application Filed	09/259463	2/26/1999	Abandon	Centralized and Secure Voice Mail Distribution and Access	
407	Abandoned	blank	blank	blank	Bookmarks in Voice Mail	
408	Abandoned	blank	blank	blank	Route Optimization Over Diverse Media	
409	Application Filed	09/773,593	2/22/2001	blank	Orchestrated Telecomm Power Supply Current Regulator Mode	
410	Patent Granted	09/255,461	2/22/1999	6,137,276	Communications System Architecture for Voice Collaboration	
411	Application Filed	09/740221	12/19/2000	blank	Virtual phone line access device	
413	Abandoned	09/273,178	3/19/1999	blank	Handwriting Phone	
415	Application Filed	09/793985	2/28/2001	blank	Silence suppression/insertion to compensate for unlocked clock filter in	
417	Patent Granted	09/563879	5/3/2000	blank	Using Line Appearance to Allow Multiple Devices to Appear	
418	Abandoned	09/714,983	11/20/2000	blank	Billing Optimization for Private Communication System (PCS)	
419	Abandoned	09/799,011	3/6/2001	blank	Voice Invoked Call Blocking	
421	Application Filed	09/843409	4/26/2001	blank	Log In To A Live Appearance	
423	Application Filed	09/671395	9/27/2000	blank	A method for the synchronization of analog call display data in distribut	
425	Patent Granted	09/673537	7/10/2000	blank	Feature Interlock Resolution Using Policies event based model	
428	Application Filed	09/568703	5/11/2000	blank	Method to implement Digital Private Signaling System (DPNSS)	
429	Application Filed	09/260391	3/1/1999	blank	Branding dynamic link libraries	
430	Patent Granted	09/563552	5/3/2000	blank	Voice multicast method	
433	Application Filed	09/660947	9/13/2000	blank	Complex acoustic path and gasket for use with microphones	
436	Application Filed	09/676838	9/29/2001	blank	Security Mechanisms and Architecture for Collaborative Software	
437	Application Filed	09/663026	9/15/2000	blank	Policy representations and mechanisms for the control of software	
439	Application Filed	09/713909	11/16/2000	blank	Method of releasing telepoint cables from deeply recessed RJ connectors	
440	Application Filed	09/710174	10/14/2000	blank	Powering arrangement for an ethernet LAN connected telephone	
441	Application Filed	09/695,214	10/25/2000	blank	Common data model including field interdependencies	
444	Application Filed	09/697,539	10/26/2000	blank	Efficient Controlled current sink for LED backlight panel	
448	Application Filed	09/948217	9/6/2001	blank	Ultra-sonic proximity sensor for telephony	
449	Application Filed	09/972063	10/7/2001	blank	Use of handset microphone to enhance speakerphone	

452	Abandoned	09/04/297	8/24/2000	blank	In Building Mobile Networks
458	Application Filed	09/333994	8/21/2001	blank	Resource Sharing Using Sliding Constraints
460	Application Filed	09/761136	1/16/2001	blank	Simple Supplementary Service Protocol (SSSP)
461	Application Filed	10/055150	1/23/2002	blank	PDA Enabled Set
462	Application Filed	09/861207	5/18/2001	blank	Combination Visible and Infrared Light Pipe
463	Application Filed	09/881305	6/13/2001	blank	Efficient Battery Transfer Circuit
464	Patent Granted	09/800337	3/6/2001	6,424,545	Efficient dual-source wide-input isolated DC-DC converter with effective
467	Application Filed	09/828554	4/4/2001	blank	Hardware Authentication Method
472	Application Filed	10/224063	8/20/2002	blank	Intermediate voice and DTMF detector device for improved speech
473	Application Filed	09/972795	9/13/2001	blank	Telephone independent provision of speech recognition during dial
474	Application Filed	09/808682	3/15/2001	blank	Enclosure foot arrangement that can be used to stack enclosures
477	Application Filed	09/832373	4/11/2001	blank	Execution sets for generated logs
478	Application Filed	09/832734	4/11/2001	blank	Tree hierarchy and description for generated logs
479	Application Filed	09/832619	4/11/2001	blank	Dynamic rule sets for generated logs
481	Application Filed	09/677,763	5/24/2000	blank	Telephone line powered CO drop reconnect
484	Application Filed	09/671,534	5/16/2000	blank	Noise masking of microphone signals in wired telecommunications
485	Application Filed	09/997847	7/18/2001	blank	Method of attaching moulded enclosures
486	Application Filed	10/101083	3/18/2002	blank	Voice Mail Number and E-Mail Extraction
487	Application Filed	09/516,338	3/12/2000	blank	System and method for the management of computer software
489	Application Filed	09/800112	8/30/2002	blank	Internet IP Protocol Extensions
491	Application Filed	10/231612	8/30/2002	blank	A better presentation of a menu for an interactive voice response
492	Application Filed	09/866146	6/29/2001	blank	Method of using speech recognition to initiate a WAP Session
493	Application Filed	09/916165	7/26/2001	blank	Formed Lens Tab for Designation Card Insert
494	Patent Granted	129/125848	6/30/2000	D448746	Superconsole-2000
495	Application Filed	09/884559	6/28/2001	blank	Acoustic Talker Localization
499	Application Filed	09/971225	1/03/2001	blank	Method for handling far-end speech effects in hands-free telephony
502	Application Filed	09/643150	8/21/2000	Abandoned	Methods and Apparatus for Previewing Multimedia Attachments of
503	Application Filed	10/078625	2/19/2002	blank	Microphone Gasket with Integrated Acoustic Resistance
508	Application Filed	10/232146	8/30/2002	blank	A Split Browser for Stimulus Phones
510	Application Filed	09/938130	8/23/2001	blank	Method of Enabling a CPE to Test a Telephone Line and Report the Result
514	Patent Granted	129/150658	1/28/2002	D464,052	Mouse Controller
516	Application Filed	10/121779	4/12/2002	blank	Mobile Interactive Logs
518	Application Filed	10/142854	5/9/2002	blank	Master/Slave Frame Lock Method
522	Application Filed	10/287850	11/5/2002	blank	A protocol for Facilitating the Selection of Electronic Services Using In
523	Application Filed	10/281700	10/28/2002	blank	An Infrared-based Protocol for Selecting a Service from a Set of Discover
527	Application Filed	10/241275	9/10/2002	blank	Headset or Handset signaling scheme
533	Application Filed	10/256569	9/26/2002	blank	Loudspeaker cap to reduce structural ...acoustic modes
534	Application Filed	10/2222941	8/15/2002	blank	Robust Talker Localization in Reverberant Environment
535	Application Filed	10/2222942	8/15/2002	blank	Method to Improve Near-end Voice Activity Detection in Audio
536	Application Filed	10/223,064	8/15/2002	blank	Method of indicating and controlling sound pickup direction and location
537	Application Filed	10/080039	2/19/2002	blank	Solution to Enhanced Emergency Services (e.g. E911) for IP
538	Patent Granted	129/156949	3/12/2002	blank	5303 Conference Phone
539	Application Filed	09/921,288	8/12/2001	blank	Integrated Configuration of Multiple Content Servers
548	Application Filed	10/044800	1/20/2002	blank	Method to Control Noise Level Calculations in a Conferencing System
11105	Expired	629889	8/21/979	4281219	Telephone Line Circuit
11105	Expired	906772	5/17/978	4178485	Telephone Line Circuit
11107	Expired	690554	8/23/979	4321431	Transformerless Trunk Circuit
11107	Expired	925297	7/17/978	4182936	Transformerless Trunk Circuit
11108	Expired	933540	8/14/978	4167657	Junctor Checking System
11118	Expired	933538	8/14/978	4204094	One Applying Line Circuit

11119	Expired	933984	8/16/1978	4246502	On-Board Integrated Circuit Chip Signal Source
11120	Expired	30196	4/16/1979	4220826	Ringng Generator
11126	Patent Granted	100949	12/6/1979	4293737	Ringng Decoder Circuit
11141	Patent Granted	205255	11/10/1980	4376875	Keypress & Indicatorless Local Telephone Switching System
11144	Patent Granted	285658	9/18/1981	4472608	Subscriber Line Interface Circuit
11149	Patent Granted	285659	7/21/1981	4410768	Power Saving Line Circuit
11152	Expired	285654	7/21/1981	4481384	Voice Recognizing Telephone Call Denial System
11153	Lapsed	518191	7/28/1983	4540854	Subscriber Line Interface Circuit
11154	Expired	394424	7/1/1982	4521063	Printed Circuit Board Lock
11168	Patent Granted	642038	10/14/1983	4544808	Telephone Indicator
11177	Patent Granted	609443	5/11/1984	4686102	Switching System Loopback Test Circuit
11178	Patent Granted	865961	5/22/1985	4776007	Solid State Trunk Circuit
11192	Patent Granted	794696	1/14/1985	4734933	Telephone Line Status Circuit
11197	Patent Granted	blank	blank	5034915	Data Storage System
11198	Patent Granted	781023	9/27/1985	4682328	Dynamic Memory Refresh & Parity Checking Circuit
11199	Patent Granted	893950	8/6/1986	4791639	Communications Switching System
11101	Patent Granted	799850	11/20/1985	4672683	Telephone Handset Detector
11103	Patent Granted	404010	9/7/1989	5005183	Wireless Telephone System
11103	Patent Granted	819044	1/5/1986	4866732	Wireless Telephone System
11108	Lapsed	785653	10/9/1985	4743897	LED Driver Circuit
11110	Patent Granted	931410	11/4/1986	4742640	Circuit for Switching Between Balanced Networks
11119	Patent Granted	932405	11/20/1986	4761702	Latch Up Recovery Circuit
11123	Patent Granted	122700	12/2/1987	4843617	Apparatus and Method for Synchronizing a Communication System
11125	Patent Granted	142816	1/1/1988	4862452	Digital Signal Processing System
11138	Patent Granted	346750	5/3/1989	5118322	Digital DTMF Tone Detector
11144	Patent Granted	304472	2/1/1989	5007080	Communication System Supporting Remote Operators
11145	Patent Granted	388942	8/3/1989	4926467	Trunk Cord with Distributed Signalling Voltages
11146	Patent Granted	498102	3/23/1990	4966702	Apparatus for Testing
11152	Patent Granted	323374	3/14/1989	4964155	Programmable Threshold Alert
11153	Patent Granted	428418	10/26/1989	5166972	Group Emergency Call System
11162	Expired	494668	3/16/1990	5140590	Telephone or Data Switching System
11163	Patent Granted	25838	3/3/1993	5341370	Data Transfer
11163	Patent Granted	541050	6/20/1990	5220561	Data Transfer
11171	Patent Granted	894632	6/5/1992	5323456	Digitally Controlled Ringng Signal Generator
11172	Patent Granted	950231	9/24/1992	5274634	PABX Common Relay System
11174	Patent Granted	708769	5/1/1991	5162940	Modular Communication System with Allocatable Bandwidth
11176	Patent Granted	878954	5/5/1992	5383121	Compressed Language Dictionary
11177	Patent Granted	878926	5/5/1992	5249222	Host Remote Signalling in Telephone Systems
11179	Patent Granted	50990	4/21/1993	5439964	Programmable Call Progress Tones for a Switching System
11182	Patent Granted	922616	7/30/1992	5400365	Digital Class Receiver
11183	Patent Granted	480733	6/2/1996	5680404	Cycling Error Count for Link Maintenance
11183	Patent Granted	870663	4/17/1992	blank	Cycling Error Count for Link Maintenance
190101	Expired	286871	7/20/1981	44589434	Home Telephone Exchange and Control System
190102	Expired	416612	10/9/1982	4538031	Home Communication System
190107	Patent Granted	829917	2/18/1988	4721578	Telephone System
190108	Patent Granted	839521	3/4/1986	4701948	Communication System Having Separate Unidirectional Information
190109	Expired	840395	3/17/1986	4726054	System for Interconnecting a Pair of Communication Systems
190110	Expired	840384	3/17/1986	4729270	Expansion Port for Use in a Communication System
190112	Patent Granted	420648	10/11/1989	6054062	Circuit for Maintaining Hybrid Cancellation of Signals in a Communi

190115	Patent Granted	903143	9/3/1988	4788720	Programmable Subscriber Set
190116	Lapsed	928053	11/7/1986	4805211	Subscriber Set Programming Module
190117	Patent Granted	928056	11/7/1986	4736406	Expansion Subsystem for Use in a Communication System
190120	Expired	313036	2/21/1989	5048188	Data Interface for Telephone System
190121	Patent Granted	386697	7/31/1989	5202883	Digital key system architecture
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RECORDED: 09/07/2007