

04/08/2013

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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103657159

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Mitel Networks Corporation

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 2/27/13

- ☐ Assignment ☐ Merger  
☒ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Wilmington Trust, N.A., as Second Collateral Agent

Internal Address: \_\_\_\_\_

Street Address: 50 South Sixth Street

City: Minneapolis

State: MN

Country: USA Zip: 55402

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

**A. Patent Application No.(s)**

11/483893 11/674771 11/682932 11/608470 11/675197 11/753696  
11/681609 11/680811 11/674793 11/680853 11/985797 11/981970  
11/774352 11/781352 11/890887 11/781319 12/002167 12/082904

**B. Patent No.(s)**

5386459 5423065 5425092 5436964 5454032 5471528 5491746  
5502634 5509058 5515428 5532676 5533110 5539816 5541983  
5544158 5546025 5586169 5586167 5596633 5602843 5612990  
5625682

Additional numbers attached? ☒ Yes ☐ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Michelle Whittington

Internal Address: \_\_\_\_\_

Street Address: 1146 N Alma School Road

City: Mesa

State: AZ Zip: 85201

Phone Number: 480.961.9000 X 23152

Fax Number: 480.961.8073

Email Address: michelle.whittington@mitel.com

**6. Total number of applications and patents involved:** 440

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 17,600

- ☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

04/09/2013 KNGUYEN1 00000034 11483893  
Deposit Account Number

01 FC:8021

17600.00 0P

Authorized User Name \_\_\_\_\_

**9. Signature:**

Michelle Whittington  
Signature

28 March 2013  
Date

Michelle Whittington  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 71

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT**  
**REEL: 030201 FRAME: 0743**

3. PATENT SECURITY INTEREST

**Continuation of Information in Item 4**

4. Application or patent number(s):

A. Patent Application No.(s)

12/079519 12/284305 12/657138  
 12/217074 12/322804 12/316484  
 12/456782 12/383719 12/381362  
 12/653389 12/456670 12/455909  
 12/584371 12/583343 12/587668  
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 61/850763 13/079165

B. Patent No.(s)

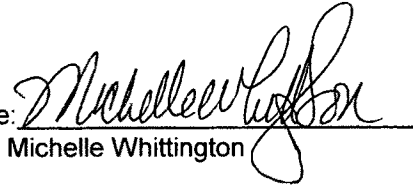
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**PATENT**

**REEL: 030201 FRAME: 0744**

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8315371 8345840 8356071 8396460 8374169

9. Signature:

  
Michelle Whittington

Date: 28 March 2013

## PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT, dated as of February 27, 2013 (this "Agreement"), is made by MITEL NETWORKS CORPORATION, a corporation incorporated under the laws of Canada (the "Grantor"), in favour of WILMINGTON TRUST, NATIONAL ASSOCIATION, as the collateral agent (together with its successor(s) thereto in such capacity, the "Collateral Agent") for each of the Secured Parties (as defined in the Credit Agreement referred to below).

### WITNESSETH:

WHEREAS, pursuant to that certain Second Lien Credit Agreement, dated as of February 27, 2013 (as amended, supplemented, amended and restated or otherwise modified from time to time, the "Credit Agreement"), among the Grantor, Mitel US Holdings, Inc., a Delaware corporation (the "Borrower"), the various financial institutions and other Persons from time to time parties thereto which extend Commitments to make Credit Extensions to the Borrower (the "Lenders") and Wilmington Trust, National Association, as the Administrative Agent and the Collateral Agent, the Lenders have extended Commitments to make Credit Extensions to the Borrower;

WHEREAS, in connection with the Credit Agreement, the Grantor has executed and delivered a Canadian Pledge and Security Agreement, dated as of February 27, 2013 (as amended, supplemented, amended and restated or otherwise modified from time to time, the "Security Agreement");

WHEREAS, pursuant to the Credit Agreement and pursuant to clause (e) of Section 4.5 of the Security Agreement, the Grantor is required to execute and deliver this Agreement and to grant to the Collateral Agent for its benefit and the notable benefit of each other Secured Party, a continuing security interest in all of the Patent Collateral (as defined below) to secure all Obligations; and

WHEREAS, the Grantor has duly authorized the execution, delivery and performance of this Agreement;

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

SECTION 1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided (or incorporated by reference) in the Security Agreement.

SECTION 2. Grant of Security Interest. The Grantor hereby assigns, pledges, hypothecates, charges, mortgages, delivers, and transfers to the Collateral Agent, for its benefit and the ratable benefit of each other Secured Party, and hereby grants to the Collateral Agent, for its benefit and the ratable benefit of each other Secured Party, a continuing security interest in all of the following property, whether now or hereafter existing or acquired by the Grantor (the "Patent Collateral"):

(a) all of its letters patent and applications for letters patent throughout the world, including all patent applications in preparation for filing and each patent and patent application referred to in Item A of Schedule I attached hereto;

(b) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the items described in clause (a);

(c) all of its patent licenses, and other agreements providing the Grantor with the right to use any items of the type referred to in clauses (a) and (b) above, including each patent license referred to in Item B of Schedule I attached hereto, with the exception of those licenses or other agreements that the grant of the security interest therein would (A) constitute a violation of a valid and enforceable restriction in favour of a third party on such grant, unless and until any required consents shall have been obtained, or (B) give any other party to such license or other agreement the right to terminate its obligations thereunder; *provided*, that the foregoing exclusions in this clause (c) shall in no way be construed to apply to the extent that the condition is unenforceable under the PPSA of any relevant jurisdiction or any other applicable governmental law; *provided, further*, that such security interest shall attach immediately and automatically without further action when the condition shall be remedied and, to the extent severable, shall attach immediately to any portion of such assets or rights that does not result in any of the consequences specified in (A) or (B); and

(d) all Proceeds of, and rights associated with, the foregoing (including license royalties and Proceeds of infringement suits), the right to sue third parties for past, present or future infringements of any patent or patent application, and for breach or enforcement of any patent license.

SECTION 3. Security Agreement. This Agreement has been executed and delivered by the Grantor for the purpose of registering the security interest of the Collateral Agent in the Patent Collateral with the Canadian Intellectual Property Office and corresponding offices in other countries of the world. The security interest granted hereby has been granted as a supplement to, and not in limitation of, the security interest granted to the Collateral Agent for its benefit and the ratable benefit of each other Secured Party under the Security Agreement. The Security Agreement (and all rights and remedies of the Collateral Agent and each Secured Party thereunder) shall remain in full force and effect in accordance with its terms.

SECTION 4. Release of Liens. Upon (i) the Disposition of Patent Collateral in accordance with the Credit Agreement or (ii) the occurrence of the Termination Date, the security interests granted herein shall automatically terminate with respect to (A) such Patent Collateral (in the case of clause (i)) or (B) all Patent Collateral (in the case of clause (ii)). Upon any such Disposition or termination, the Collateral Agent will, at the Grantor's sole expense, deliver to the Grantor, without any representations, warranties or recourse of any kind whatsoever, all Patent Collateral held by the Collateral Agent hereunder, and execute and deliver to the Grantor such Documents as the Grantor shall reasonably request to evidence such termination.

SECTION 5. Acknowledgment. The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent

Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein.

SECTION 6. Loan Document. This Agreement is a Loan Document executed pursuant to the Credit Agreement and shall (unless otherwise expressly indicated herein) be construed, administered and applied in accordance with the terms and provisions thereof, including Article XII thereof.

SECTION 7. Governing Law. This Agreement shall be governed by, and interpreted and enforced in accordance with the laws in force in the Province of Ontario and the laws of Canada applicable therein.

SECTION 8. Counterparts. This Agreement may be executed by the parties hereto in several counterparts, each of which shall be deemed to be an original and all of which shall constitute together but one and the same agreement. Delivery of an executed counterpart of a signature page to this Agreement by facsimile (or other electronic) transmission shall be effective as a delivery of a manually executed counterpart of this Agreement.

\* \* \* \* \*

IN WITNESS WHEREOF, each of the parties hereto has caused this Agreement to be duly executed and delivered by its Authorized Officer as of the date first above written.

MITEL NETWORKS CORPORATION

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

WILMINGTON TRUST, NATIONAL  
ASSOCIATION,  
as Collateral Agent

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

[Second Lien Patent Security Agreement]

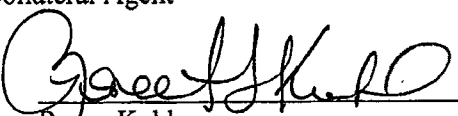
PATENT  
REEL: 030201 FRAME: 0749

IN WITNESS WHEREOF, each of the parties hereto has caused this Agreement to be duly executed and delivered by its Authorized Officer as of the date first above written.

MITEL NETWORKS CORPORATION

By: \_\_\_\_\_  
Name:  
Title:

WILMINGTON TRUST, NATIONAL  
ASSOCIATION,  
as Collateral Agent

By:  \_\_\_\_\_  
Name: Renee Kuhl  
Title: Vice President

[Canadian Patent Security Agreement]

PATENT  
REEL: 030201 FRAME: 0750



SCHEDULE I  
to Patent Security Agreement

Item A. Patents

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
113 GB	UNIQUE RINGING ON A PRIME TELEPHONE LINE	GB	13-Nov-93	2276062	MNC
93 US	METHOD OF DEFINING OPERATION OF SWITCHING SYSTEM PERIPHERALS	US	31-Jan-95	5386459	MNC
81 US	MOBILE WIRELESS COMMUNICATIONS SYSTEM	US	6-Jun-95	5423065	MNC
105 US	DELAYED CANCEL CALL WAITING	US	13-Jun-95	5425092	MNC
11179 US	PROGRAMMABLE CALL PROGRESS TONES FOR A SWITCHING SYSTEM	US	25-Jul-95	5436964	MNC
81 GB	MOBILE WIRELESS COMMUNICATIONS SYSTEM	GB	2-Aug-95	2264841	MNC
111 DE	Procedure to make a phone connection	DE	14-Sep-95	4325773	MNC
111 US	METHOD OF ESTABLISHING COMMUNICATION LINK TO ONE OF MULTIPLE DEVICES ASSOCIATED WITH SINGLE TELEPHONE NUMBER	US	26-Sep-95	5454032	MNC
47 IT	Wireless Zone Management	IT	20-Oct-95	1255119	MNC
554 US	VOICE SWITCHED SPEAKERPHONE WITH FILTERS HAVING EXPONENTIAL TRANSFER FUNCTION IN THE MONITORING PATH	US	28-Nov-95	5471528	MNC
77 GB	REGULATED AUXILIARY POWER SUPPLY	GB	13-Dec-95	607246	MNC
113 US	UNIQUE RINGING ON A PRIME TELEPHONE	US	13-Feb-96	5491746	MNC
77 US	REGULATED AUXILIARY POWER SUPPLY	US	26-Mar-96	5502634	MNC
107 US	GLOBAL MANAGEMENT OF TELEPHONE DIRECTORY	US	16-Apr-96	5509058	MNC
118 US	MULTIPLE QUEUE RESOURCE MANAGEMENT	US	7-May-96	5515428	MNC
138B US	BATTERY SWITCH FOR RAM BACKUP	US	2-Jul-96	5532676	MNC
165 US	HUMAN MACHINE INTERFACE FOR TELEPHONE FEATURE INVOCATION	US	2-Jul-96	5533110	MNC
119 US	METHOD OF TELEPHONE SIGNALING VIA DATA LINK	US	23-Jul-96	5539816	MNC
125 US	AUTOMATIC TELEPHONE FEATURE SELECTOR	US	30-Jul-96	5541983	MNC
95 US	METHOD FOR MULTIPLE ACCESS IN A DIGITAL COMMUNICATION SYSTEM	US	6-Aug-96	5544158	MNC
131 US	LOW FREQUENCY DISCRIMINATOR USING UPPER AND LOWER THRESHOLDS	US	13-Aug-96	5546025	MNC
107 GB	GLOBAL MANAGEMENT OF TELEPHONE DIRECTORY	GB	25-Sep-96	2270608	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
111 CA	METHOD OF ESTABLISHING COMMUNICATION LINK TO ONE OF MULTIPLE DEVICES ASSOCIATED WITH SINGLE TELEPHONE NUMBER	CA	8-Oct-96	2088420	MNC
105 GB	DELAYED CANCEL CALL WAITING	GB	30-Oct-96	2273419	MNC
113 CA	UNIQUE RINGING ON A PRIME TELEPHONE LINE	CA	10-Dec-96	2091278	MNC
95 GB	METHOD FOR MULTIPLE ACCESS IN A DIGITAL COMMUNICATION SYSTEM	GB	11-Dec-96	2274961	MNC
127 US	METHOD OF RINGING A CALL RESPONSIVE APPARATUS WHICH ANSWERED AN IMMEDIATELY PRECEDING INCOMING CALL	US	17-Dec-96	5586169	MNC
47.1 US	WIRELESS COMMUNICATION ZONE MANAGEMENT SYSTEM	US	17-Dec-96	5586167	MNC
63 US	CHARGER/DETECTOR FOR CORDLESS TELEPHONES	US	21-Jan-97	5596633	MNC
106 GB	PORTABLE TELEPHONE USER PROFILES	GB	5-Feb-97	2271912	MNC
89 US	INTEGRATED WIRED AND WIRELESS TELECOMMUNICATIONS SYSTEM	US	11-Feb-97	5602843	MNC
111 GB	TELEPHONE SYSTEMS AND METHOD OF OPERATION	GB	12-Mar-97	2274758	MNC
76B US	DIGITAL WIRELESS INTERFACE FOR A BASE STATION FOR ESTABLISHING COMMUNICATION BETWEEN A PLURALITY OF DIGITAL RADIO CHANNELS AND A PLURALITY OF DIGITAL WIRELINE CIRCUITS	US	18-Mar-97	5612990	MNC
143 US	HELP DESK IMPROVEMENT	US	29-Apr-97	5625682	MNC
164 US	METHOD AND APPARATUS FOR CONTROLLING A TELEPHONE	US	20-May-97	5631954	MNC
139 US	ADAPTIVE COMMUNICATION SYSTEM	US	10-Jun-97	5638494	MNC
9 US	DATA TRANSPORT FOR INTERNAL MESSAGING	US	10-Jun-97	5638366	MNC
118 CA	MULTIPLE QUEUE RESOURCE MANAGEMENT	CA	8-Jul-97	2094210	MNC
119 CA	METHOD OF TELEPHONE SIGNALING VIA DATA LINK	CA	8-Jul-97	2110643	MNC
63 CA	CHARGER/DETECTOR FOR CORDLESS TELEPHONES	CA	22-Jul-97	2108225	MNC
106 US	PORTABLE TELEPHONE USER PROFILES	US	12-Aug-97	5657377	MNC
134 US	LOCAL AREA COMMUNICATIONS SERVER	US	12-Aug-97	5657446	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
109 US	METHOD OF OPERATING A COMPUTER PROGRAM USING DATABASE SCHEMA AND RELATED LANGUAGE DICTIONARIES	US	19-Aug-97	5659738	MNC
132 US	ADAPTIVE METHOD FOR ALLOCATING CALLS	US	7-Oct-97	5675636	MNC
79 US	WIRELESS INTERFACE	US	14-Oct-97	5677942	MNC
71 US	CYCLING ERROR COUNT FOR LINK MAINTENANCE	US	21-Oct-97	5680404	MNC
76B GB	DIGITAL WIRELESS INTERFACE	GB	17-Dec-97	607250	MNC
114 US	PORTABLE TELEPHONE USER PROFILES USING CENTRAL COMPUTER	US	30-Dec-97	5703942	MNC
136 US	ACTIVE DIGIT CANCELLING PARALLEL DIALER	US	6-Jan-98	5706341	MNC
114 GB	PORTABLE TELEPHONE USER PROFILES USING CENTRAL COMPUTER	GB	14-Jan-98	2280334	MNC
119 GB	METHOD OF TELEPHONE SIGNALLING VIA DATA LINK	GB	18-Mar-98	2284518	MNC
89 GB	INTEGRATED WIRED AND WIRELESS TELECOMMUNICATIONS SYSTEM	GB	8-Apr-98	2291565	MNC
132 CA	ADAPTIVE METHOD FOR ALLOCATING CALLS	CA	14-Apr-98	2123068	MNC
279 US	TELEPHONE HANDSET	US	21-Apr-98	D393645	MNC
127 CA	DELAYED SEIZURE ON ASSOCIATED DEVICES	CA	28-Apr-98	2132610	MNC
278 US	TELEPHONE BASE	US	12-May-98	D394259	MNC
163 US	METHOD AND APPARATUS FOR MANAGING CALLS USING A SOFT CALL PARK	US	19-May-98	5754627	MNC
160 US	SERVICE CONTEXT SENSITIVE FEATURES AND APPLICATIONS	US	2-Jun-98	5761288	MNC
171 US	SILENT MONITORING AGENT IDS	US	9-Jun-98	5764728	MNC
143 CA	HELP DESK IMPROVEMENT	CA	16-Jun-98	2119086	MNC
152B US	TELEPHONE SYSTEM LOOP CURRENT DETECTOR	US	16-Jun-98	5768342	MNC
70 FR	CELL RELAY TRANSPORT MECHANISM	FR	5-Aug-98	754397	MNC
70 GB	CELL RELAY TRANSPORT MECHANISM	GB	5-Aug-98	754397	MNC
107 DE	Procedures to capture inventory data from switching systems	DE	6-Aug-98	4330986	MNC
63 GB	CHARGER/DETECTOR FOR CORDLESS TELEPHONES	GB	12-Aug-98	2283389	MNC
88 GB	TIME SLOT ASSIGNER FOR COMMUNICATION SYSTEM	GB	23-Aug-98	2283639	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
170 US	ADAPTIVE COMMUNICATION SYSTEM	US	1-Sep-98	5802396	MNC
127 GB	DELAYED SEIZURE ON ASSOCIATED DEVICES	GB	7-Oct-98	2293521	MNC
177 US	MULTIPOINT RANDOM ACCESS MEMORY WITH TIME DIVISION MULTIPLEXING THROUGH A SINGLE READWRITE PORT	US	13-Oct-98	5822776	MNC
143 GB	A METHOD OF HANDLING A TELEPHONE MESSAGE	GB	21-Oct-98	2287609	MNC
296 US	OFF-HOOK DETECTOR FOR HEADSET	US	3-Nov-98	5832075	MNC
134 GB	LOCAL AREA COMMUNICATIONS SERVER SYSTEM	GB	11-Nov-98	2295068	MNC
139 GB	ADAPTIVE COMMUNICATION SYSTEM	GB	23-Dec-98	2289598	MNC
250 GB	METHOD OF INDICATING A FUNCTION ON A DISPLAY TERMINAL OR UNIT	GB	6-Jan-99	2323259	MNC
7 US	METHOD AND APPARATUS FOR PERFORMING DATA COMPRESSION	US	2-Feb-99	5867114	MNC
161 GB	TRANSFER OF BASIC KNOWLEDGE TO AGENTS	GB	17-Feb-99	2322719	MNC
132 GB	ADAPTIVE METHOD FOR ALLOCATING CALLS	GB	24-Feb-99	2289599	MNC
184B US	STANDBY HIGH VOLTAGE ANALOG LINE FEED	US	30-Mar-99	5889858	MNC
70 DE	CELL RELAY TRANSPORT MECHANISM	DE	1-Apr-99	69503892.3	MNC
182 GB	COMMUNICATION SWITCHING SYSTEM METHOD AND APPARATUS	GB	14-Apr-99	2298762	MNC
291 GB	ONE-BUTTON INTELLIGENT CTI DIALLER	GB	14-Apr-99	2323499	MNC
237 GB	VIRTUAL MULTIPLEXING OF TELEPHONY LINES	GB	21-Apr-99	2323251	MNC
250 US	ANIMATED CURSOR	US	27-Apr-99	5898432	MNC
300 GB	CIRCUIT TO IMPROVE TRANSDUCER SEPARATION IN HANDSFREE TELEPHONE	GB	28-Apr-99	2322257	MNC
88 CA	TIME SLOT ASSIGNER FOR COMMUNICATION SYSTEM	CA	4-May-99	2109007	MNC
291 US	ONE-BUTTON INTELLIGENT CTI DIALLER	US	11-May-99	5903631	MNC
172 GB	APPLICATION CALL ROUTING	GB	19-May-99	2326057	MNC
162 GB	METHOD OF DYNAMIC LOAD SHARING BETWEEN SYSTEMS WITH AUTOMATIC TELEPHONE	GB	23-Jun-99	2327174	MNC
282 US	MULTIPLE OWNER RESOURCE MANAGEMENT	US	6-Jul-99	5920622	MNC
164 CA	COMMUNICATION SYSTEM USING SERVER	CA	27-Jul-99	2164550	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
200 US	SERIES EQUIPMENT WITH DC LINE HOLD TRANSFER	US	17-Aug-99	5940500	MNC
292 US	AUTOMATIC WEB PAGE GENERATOR	US	17-Aug-99	5940834	MNC
160 GB	METHOD OF PROVIDING A COMMUNICATION OR CONTROL SERVICE	GB	25-Aug-99	2301983	MNC
165 GB	VISUAL INDICATION OF A COMMUNICATION CONNECTION	GB	1-Sep-99	2295747	MNC
126 US	METHOD OF PROVIDING CENTREX TYPE OPERATION USING A PBX AND A CENTRAL SWITCHING OFFICE	US	7-Sep-99	5949873	
165 CA	HUMAN MACHINE INTERFACE FOR TELEPHONE FEATURE INVOCATION	CA	7-Sep-99	2163948	MNC
237 US	VIRTUAL MULTIPLEXING OF TELEPHONY LINES	US	7-Sep-99	5949765	MNC
282 CA	MULTIPLE OWNER RESOURCE MANAGEMENT	CA	7-Sep-99	2181009	MNC
298 GB	SYSTEM FOR INTERACTIVE CONTROL OF COMPUTER AND TELEPHONE	GB	15-Sep-99	2318703	MNC
106 DE	Procedures for calling a communicable phone user ID	DE	14-Oct-99	4335803	MNC
214 US	CIRCUIT CONNECTOR	US	19-Oct-99	5967854	MNC
70 US	TELECOMMUNICATION SYSTEM WITH TRANSPORT PROTOCOL DEVICE FOR MIXING ASYNCHRONOUS SIGNALING TRAFFIC WITH TDM TRAFFIC ON A TDM BACK	US	19-Oct-99	5970068	
333 US	METHOD OF OPERATING A MODEM IN THE PRESENCE OF INTERRUPTED DIAL TONE	US	26-Oct-99	5974084	MNC
164 GB	COMMUNICATION SYSTEM USING SERVER	GB	27-Oct-99	2296622	MNC
134 CA	LOCAL AREA COMMUNICATIONS SERVER SYSTEM	CA	9-Nov-99	2148970	MNC
160 CA	SERVICE CONTEXT SENSITIVE FEATURES AND APPLICATIONS	CA	9-Nov-99	2178153	MNC
281 US	MERGED TELEPHONE AND DATA NETWORK	US	9-Nov-99	5982767	MNC
284 US	INTERCONNECT ARRANGEMENT FOR PRINTED CIRCUITS	US	9-Nov-99	5980269	MNC
162 US	METHOD OF DYNAMIC LOAD SHARING BETWEEN SYSTEMS WITH AUTOMATIC TELEPHONE CALL DISTRIBUTORS	US	16-Nov-99	5987117	
96 US	Network Node Event Notification in Circuit Switched Environments	US	7-Dec-99	5999592	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
163 CA	USER INITIATED SOFT CALL PARK WITH RECORDED VOICE COMFORT NOTIFICATION	CA	14-Dec-99	2176976	MNC
261 US	INTELLIGENT CORDLESS TELEPHONE INTERFACE DEVICE	US	21-Dec-99	6006088	MNC
184B CA	STANDBY HIGH VOLTAGE ANALOG LINE FEED	CA	11-Jan-00	2180316	MNC
298 US	SYSTEM FOR INTERACTIVE CONTROL OF A COMPUTER AND TELEPHONE	US	25-Jan-00	6018571	MNC
163 GB	USER INITIATED SOFT CALL PARK WITH RECORDED VOICE COMFORT NOTIFICATION	GB	26-Jan-00	2301981	MNC
180 GB	CALL ROUTING IN A COMMUNICATION SYSTEM	GB	16-Feb-00	2311188	MNC
292 GB	AUTOMATIC WEB PAGE GENERATOR	GB	23-Feb-00	2324896	MNC
347 US	TELEPHONE SET	US	29-Feb-00	D421264	MNC
236 US	AUTOMATIC SPEED CALL UPDATING	US	4-Apr-00	6047062	MNC
171 GB	MONITORING TELEPHONE CALLS	GB	5-Apr-00	2314728	MNC
347.1 US	TELEPHONE SET	US	25-Apr-00	D423497	MNC
236 GB	AUTOMATIC SPEED CALL UPDATING	GB	26-Apr-00	2315189	MNC
125 CA	Automatic Telephone Feature Selector	CA	23-May-00	2110669	MNC
234 GB	TELEPHONE CALL MESSAGING	GB	24-May-00	2332810	MNC
180 US	ORGANIZATION CHART BASED CALL INFORMATION ROUTING	US	13-Jun-00	6075851	MNC
296 CA	EVENT DETECTOR FOR HEADSETS	CA	13-Jun-00	2215535	MNC
281 GB	MERGED TELEPHONE AND DATA NETWORK	GB	28-Jun-00	2311690	MNC
S107 FR	NONLINEAR PROCESSOR FOR ACOUSTIC ECHO CANCELLER	FR	7-Jul-00	9812273	MNC
193 US	ARCHITECTURE FOR ROBUST VOICE CTI	US	18-Jul-00	6091803	MNC
296 GB	EVENT DETECTOR FOR HEADSETS	GB	2-Aug-00	2317783	MNC
177 CA	CREATING MULTI-PORT RAM WITH TDM	CA	8-Aug-00	2199571	MNC
231B GB	INTELLIGENT MESSAGE LEAVING	GB	9-Aug-00	2315385	MNC
171 CA	SILENT MONITORING AGENT IDS	CA	15-Aug-00	2208629	MNC
227 GB	AUTOMATIC CALL FORWARDING	GB	30-Aug-00	2315191	MNC
6 US	METHOD AND APPARATUS FOR PERFORMING SIMULTANEOUS DATA COMPRESSION AND ENCRYPTION	US	19-Sep-00	6122379	MNC
227 US	AUTOMATIC CALL FORWARDING	US	10-Oct-00	6130938	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
410 US	ONHOOK TELECOM POWER SUPPLY REGULATOR MODE	US	24-Oct-00	6137276	MNC
177 GB	RANDOM ACCESS MEMORIES AND METHOD OF OPERATION	GB	22-Nov-00	2311153	MNC
LK-9601 IE	A communicating circuit	IE	1-Dec-00	81472	MNC
318B US	METHOD OF SELECTING BETWEEN MULTIPLE CLOCK DRIVE SOURCES FOR A BACKPLANE CLOCK SIGNAL	US	19-Dec-00	6163850	MNC
231B US	TELEPHONE SYSTEM USING RECORDED MESSAGES TO MAKE OUTBOUND ANNOUNCEMENTS	US	26-Dec-00	6167127	MNC
214 GB	CIRCUIT CONNECTOR	GB	3-Jan-01	2315930	MNC
282 GB	MULTIPLE OWNER RESOURCE MANAGEMENT	GB	17-Jan-01	2315384	MNC
353 US	LOW POWER DIALER	US	6-Feb-01	6185297	MNC
394 US	Plastic Door	US	6-Feb-01	D437312	MNC
284 GB	INTERCONNECT ARRANGEMENT FOR PRINTED CIRCUITS	GB	14-Feb-01	2315927	MNC
417 GB	COMMUNICATION SYSTEM USING LINE APPEARANCES ON A SINGLE LINE FOR CONNECTING MULTIPLE DEVICES	GB	18-Apr-01	2350009	MNC
291 CA	ONE-BUTTON INTELLIGENT CTI DIALLER	CA	24-Apr-01	2230692	MNC
373 GB	USING A GATEKEEPER TO PROVIDE AN H.323 PBX	GB	3-May-01	2349773	MNC
290 US	WEB BASED HELP DESK	US	8-May-01	6230287	MNC
390B UK	Click Free Mute Switch Circuit for Telephones	GB	30-May-01	2350256	MNC
430 GB	METHOD AND APPARATUS FOR BROADCASTING AUDIO IN A COMMUNICATION SYSTEM	GB	30-May-01	2349772	MNC
292 CA	AUTOMATIC WEB PAGE GENERATOR	CA	12-Jun-01	2231980	MNC
298 CA	SYSTEM FOR INTERACTIVE CONTROL OF A COMPUTER AND TELEPHONE	CA	12-Jun-01	2186928	MNC
302 US	DATA ACCESS SERVER FOR PBX	US	12-Jun-01	6246678	MNC
310 CA	DIALABLE SCREENING PROFILE	CA	14-Aug-01	2243331	MNC
227 CA	AUTOMATIC CALL FORWARDING	CA	21-Aug-01	2180684	MNC
231B CA	INTELLIGENT MESSAGE LEAVING	CA	21-Aug-01	2181199	MNC
389 US	CLICK-FREE MUTING CIRCUIT FOR HEADSET	US	18-Sep-01	6292560	MNC



FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>425 GB</u>	<u>FEATURE INTERACTION RESOLUTION USING FUZZY RULES</u>	GB	19-Sep-01	2351870	MNC
<u>494 US</u>	<u>Telephone attendant console</u>	US	2-Oct-01	D448746	MNC
<u>132 DE</u>	<u>Procedures for optimizing cost of toll calls</u>	DE	4-Oct-01	19516364	MNC
<u>182 US</u>	<u>Common automatic route selection leading digit strings</u>	US	9-Oct-01	6301353	MNC
<u>236 CA</u>	<u>AUTOMATIC SPEED CALL UPDATING</u>	CA	30-Oct-01	2180690	MNC
<u>356 GB</u>	<u>CALL CONTROL SYSTEM AND METHOD</u>	GB	31-Oct-01	2356317	MNC
<u>323 US</u>	<u>BI-DIRECTIONAL CONVERSION LIBRARY</u>	US	6-Nov-01	6314429	MNC
<u>180 DE</u>	<u>Procedure for transfer of call in a telephone</u>	DE	6-Dec-01	19709214	MNC
<u>188B GB</u>	<u>MECHANISM FOR THE SHARING OF GUARANTEED RESOURCES</u>	GB	12-Dec-01	2353915	MNC
<u>310 GB</u>	<u>DIALABLE SCREENING PROFILE</u>	GB	12-Dec-01	2328110	MNC
<u>139 CA</u>	<u>ADAPTIVE COMMUNICATION SYSTEM</u>	CA	15-Jan-02	2119085	MNC
<u>302 CA</u>	<u>DATABASE ACCESS SERVER FOR PBX</u>	CA	15-Jan-02	2197517	MNC
<u>322 CA</u>	<u>INTEGRATED DIRECTORY SERVICES</u>	CA	15-Jan-02	2217923	MNC
<u>346 US</u>	<u>VARIABLE ANGLE MECHANISM FOR DESKTOP TELEPHONE</u>	US	26-Feb-02	6351535	MNC
<u>S107 CA</u>	<u>NONLINEAR PROCESSOR FOR ACOUSTIC ECHO CANCELLER</u>	CA	26-Feb-02	2246865	MNC
<u>302 GB</u>	<u>DATABASE ACCESS SERVER FOR PBX</u>	GB	6-Mar-02	2323249	MNC
<u>274 GB</u>	<u>CALL ROUTING BASED ON CALLERS MOOD</u>	GB	13-Mar-02	2331201	MNC
<u>310 US</u>	<u>DIALABLE SCREENING PROFILE</u>	US	26-Mar-02	6363140	MNC
<u>284 CA</u>	<u>INTERCONNECT ARRANGEMENT FOR PRINTED CIRCUITS</u>	CA	2-Apr-02	2182237	MNC
<u>357 US</u>	<u>METHOD AND APPARATUS FOR MIGRATING EMBEDDED PBX SYSTEM TO PERSONAL COMPUTER</u>	US	2-Apr-02	6366656	MNC
<u>449 DE</u>	<u>Use of handset microphone to enhance speakerphone loudspeakers performance</u>	DE	10-Apr-02	1195977	MNC
<u>322 US</u>	<u>INTEGRATED DIRECTORY SERVICES</u>	US	23-Apr-02	6377950	MNC
<u>89 CA</u>	<u>INTEGRATED WIRED AND WIRELESS TELECOMMUNICATIONS SYSTEM</u>	CA	23-Apr-02	2154335	MNC
<u>267 GB</u>	<u>REMOTE LINE MONITORING</u>	GB	8-May-02	2324677	MNC
<u>258 GB</u>	<u>DYNAMIC COMMUNICATION GROUPS</u>	GB	15-May-02	2328831	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
162 CA	METHOD OF DYNAMIC LOAD SHARING BETWEEN SYSTEMS WITH AUTOMATIC TELEPHONE CALL DISTRIBUTORS	CA	28-May-02	2232331	MNC
322 GB	INTEGRATED DIRECTORY SERVICES	GB	12-Jun-02	2330224	MNC
350 US	METHOD OF COMPRESSING AND DECOMPRESSING AUDIO DATA USING MASKING AND SHIFTING OF AUDIO SAMPLE BITS	US	18-Jun-02	6408275	MNC
274 US	CALL ROUTING BASED ON THE CALLER'S MOOD	US	25-Jun-02	6411687	MNC
361 US	COMBINATION CONNECTOR AND MICROPHONE	US	25-Jun-02	6411711	MNC
321 US	CALL ON-HOLD IMPROVEMENTS	US	2-Jul-02	6415020	MNC
346 CA	VARIABLE ANGLE MECHANISM FOR DESKTOP TELEPHONE	CA	9-Jul-02	2260573	MNC
402 US	AUTOMATIC SYNCHRONIZATION OF ADDRESS DIRECTORIES FOR UNIFIED MESSAGING	US	9-Jul-02	6418200	MNC
330 GB	3D VIEW OF INCOMING COMMUNICATIONS	GB	10-Jul-02	2337435	MNC
464 US	EFFICIENT, DUAL-SOURCE, WIDE-INPUT RANGE, ISOLATED DC-DC CONVERTER WITH EFFECTIVE CURRENT LIMIT	US	23-Jul-02	6424545	MNC
389 CA	CLICK-FREE MUTING CIRCUIT FOR HEADSET	CA	30-Jul-02	2286371	MNC
325 CA	SMART TRANSFER FOR ANSWER POSITIONS	CA	6-Aug-02	2272738	MNC
331 US	PC SERVER TELECOMMUNICATIONS POWER SYSTEM	US	13-Aug-02	6434236	MNC
300 US	CIRCUIT TO IMPROVE TRANSDUCER SEPARATION IN HANDSFREE TELEPHONE	US	20-Aug-02	6438240	MNC
5107 UK	NONLINEAR PROCESSOR FOR ACOUSTIC ECHO CANCELLER	GB	21-Aug-02	2330745	MNC
386 US	FEATURE IMPLEMENTATION AND PROVISIONING BY INJECTION	US	24-Sep-02	6456707	MNC
272 US	AGENT-BASED DATA MINING AND WAREHOUSING	US	1-Oct-02	6460037	MNC
514 US	MOUSE CONTROLLER	US	8-Oct-02	D464052	MNC
321 CA	CALL ON-HOLD IMPROVEMENTS	CA	15-Oct-02	2264230	MNC
272 CA	AGENT-BASED DATA MINING AND WAREHOUSING	CA	5-Nov-02	2260647	MNC
440 US	POWER SUPPLY FOR ETHERNET LAN CONNECTED TELEPHONE	US	12-Nov-02	6480122	MNC
290 GB	WEB BASED HELP DESK	GB	18-Dec-02	2329046	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
301 CA	SYSTEM FOR ITEM SELECTION IN A TELEPHONY AUTO-ATTENDANT	CA	24-Dec-02	2268996	MNC
352B CA	SYSTEM FOR DISCOUNTING IN A BIDDING PROCESS BASED ON QUALITY OF SERVICE	CA	31-Dec-02	2288459	MNC
341 US	REMOTE PERIPHERAL SWITCH BACKUP CALL SERVICE MECHANISM	US	7-Jan-03	6504922	MNC
290 CA	WEB BASED HELP DESK	CA	14-Jan-03	2246130	MNC
388B US	METHOD FOR NOISE DOSIMETRY IN APPLIANCES EMPLOYING EARPHONES OR HEADSETS	US	14-Jan-03	6507650	MNC
LK-9701 IE	A line voltage monitoring circuit	IE	14-Jan-03	82712	MNC
LK-9702 IE	A synchronising circuit for a PBX for synchronising a PCM clock signal with basic rate ISDN network signals	IE	14-Jan-03	82713	
319 CA	E-MAIL WITH EMBEDDED JAVA APPLICATION	CA	28-Jan-03	2262869	MNC
272 GB	AGENT-BASED DATA MINING AND WAREHOUSING	GB	29-Jan-03	2336007	MNC
410 GB	ONHOOK TELECOM POWER SUPPLY REGULATOR MODE	GB	5-Feb-03	2347238	MNC
415 US	TELEPHONE WITH HANDWRITING RECOGNITION	US	18-Feb-03	6522729	MNC
319 US	SYSTEM FOR INITIATING A CALL UTILIZING JAVA-EMBEDDED EMAIL	US	25-Feb-03	6526042	MNC
444 US	EFFICIENT CONTROLLED CURRENT SINK FOR LED BACKLIGHT PANEL	US	4-Mar-03	6529182	MNC
319 GB	SYSTEM FOR INITIATING A CALL USING JAVA-EMBEDDED EMAIL	GB	5-Mar-03	2335824	MNC
323 GB	BI-DIRECTIONAL CONVERSION LIBRARY	GB	5-Mar-03	2330222	MNC
474 US	SUPPORT UNIT FOR STACKED ITEMS	US	1-Apr-03	6540091	MNC
538 US	TELEPHONE	US	1-Apr-03	D472539	MNC
LK-0201 IE	A method for setting up a communication parameter for data communication between a first primary modem and a second primary modem through first and second secondary modems (MODEM)	IE	3-Apr-03	S82838	
401 US	TEXT-TO - SPEECH CONVERTER	US	8-Apr-03	6546366	MNC
384 US	SEMANTIC ERROR DIAGNOSTIC PROCESS FOR MULTI-AGENT SYSTEMS	US	15-Apr-03	6550024	MNC
389 GB	TELEPHONE HEADSET CLICK-FREE MUTING CIRCUIT	GB	16-Apr-03	2342798	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>393B CA</u>	IMPROVED METHOD OF OPERATING A FULL DUPLEX SPEAKERPHONE ECHO CANCELLER	CA	20-May-03	2291428	MNC
<u>332B GB</u>	METHOD AND APPARATUS FOR EVENT DETECTION IN A SWITCHING SYSTEM	GB	21-May-03	2339119	MNC
<u>388B CA</u>	METHOD FOR NOISE DOSIMETRY IN APPLIANCES EMPLOYING EARPHONES OR HEADSETS	CA	10-Jun-03	2293522	MNC
<u>341 CA</u>	REMOTE PERIPHERAL SWITCH BACKUP CALL SERVICE MECHANISM	CA	17-Jun-03	2289156	MNC
<u>384 GB</u>	SEMANTIC ERROR DIAGNOSTIC PROCESS FOR MULTI-AGENT SYSTEMS	GB	18-Jun-03	2346461	MNC
<u>493 US</u>	FORMED LENS TAB FOR DESIGNATION CARD INSERT	US	24-Jun-03	6581315	MNC
<u>341 GB</u>	REMOTE PERIPHERAL SWITCH BACKUP CALL SERVICE MECHANISM	GB	25-Jun-03	2344018	MNC
<u>402 CA</u>	AUTOMATIC SYNCHRONIZATION OF ADDRESS DIRECTORIES FOR UNIFIED MESSAGING	CA	1-Jul-03	2299387	MNC
<u>357 GB</u>	METHOD AND APPARATUS FOR MIGRATING EMBEDDED PBX SYSTEM TO PERSONAL COMPUTER	GB	2-Jul-03	2336969	MNC
<u>70 CA</u>	CELL RELAY TRANSPORT MECHANISM	CA	8-Jul-03	2120542	MNC
<u>349 CA</u>	PALM PC DOCKABLE PHONE	CA	15-Jul-03	2298145	MNC
<u>357 CA</u>	METHOD AND APPARATUS FOR MIGRATING EMBEDDED PBX SYSTEM TO PERSONAL COMPUTER	CA	15-Jul-03	2236525	MNC
<u>403 GB</u>	AUTOMATIC USER PREFERENCE SELECTION FOR MESSAGE PLAYBACK BASED ON CALLER LINE IDENTIFICATION DATA	GB	16-Jul-03	2347306	MNC
<u>400 CA</u>	DYNAMIC RESOURCE REALLOCATION	CA	22-Jul-03	2295273	MNC
<u>403 CA</u>	AUTOMATIC USER PREFERENCE SELECTION FOR MESSAGE PLAYBACK BASED ON CALLER LINE IDENTIFICATION DATA	CA	22-Jul-03	2295267	MNC
<u>423 US</u>	METHOD AND APPARATUS FOR SYNCHRONIZING ANALOG CALL DISPLAY DATA IN A DISTRIBUTED SYSTEM	US	22-Jul-03	6597767	MNC
<u>301 GB</u>	ITEM SELECTION IN A TELEPHONY INTERFACE	GB	23-Jul-03	2336503	MNC
<u>376 GB</u>	LINE INFORMATION SECURITY INTERFACE FOR TAPI SERVICE PROVIDER	GB	23-Jul-03	2341291	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
410 CA	ONHOOK TELECOM POWER SUPPLY REGULATOR MODE	CA	12-Aug-03	2279072	MNC
425 US	FEATURE INTERACTION RESOLUTION USING FUZZY RULES	US	12-Aug-03	6606610	MNC
325 GB	SMART TRANSFER FOR ANSWER POSITIONS	GB	27-Aug-03	2337892	MNC
400 GB	DYNAMIC RESOURCE REALLOCATION	GB	27-Aug-03	2347580	MNC
367 GB	CACHING MECHANISM TO OPTIMIZE A BIDDING PROCESS USED TO SELECT RESOURCES AND SERVICES	GB	3-Sep-03	2358762	MNC
372 GB	ADAPTIVE FEATURE BEHAVIOUR	GB	3-Sep-03	2349040	MNC
436 GB	SECURITY MECHANISMS AND ARCHITECTURE FOR COLLABORATIVE SYSTEMS USING TUPLE SPACE	GB	3-Sep-03	2355140	MNC
376 US	LINE INFORMATION SECURITY INTERFACE FOR TAPI SERVICE PROVIDER	US	9-Sep-03	6618476	MNC
188B CA	MECHANISM OF SHARING OF GUARANTEED RESOURCES	CA	16-Sep-03	2313614	MNC
281 CA	MERGED TELEPHONE AND DATA SYSTEM	CA	16-Sep-03	2173027	MNC
359 US	TABULAR RANGE EDITING MECHANISM	US	23-Sep-03	6625499	MNC
301 US	SYSTEM FOR ITEM SELECTION IN A TELEPHONY AUTO-ATTENDANT	US	30-Sep-03	6628758	MNC
328B US	DNIC PERIPHERAL EXTENDER	US	30-Sep-03	6628776	MNC
210 GB	QUOTATION MECHANISM FOR SERVICE ENVIRONMENTS	GB	1-Oct-03	2349715	MNC
321 GB	CALL ON-HOLD IMPROVEMENTS	GB	1-Oct-03	2338146	MNC
250 CA	ANIMATED CURSOR	CA	14-Oct-03	2217081	MNC
336 GB	DISTRIBUTED TECHNIQUE FOR ALLOCATING CALLS	GB	15-Oct-03	2344719	MNC
388B GB	METHOD FOR NOISE DOSIMETRY IN APPLIANCES EMPLOYING EARPHONES OR HEADSETS	GB	15-Oct-03	2349466	MNC
420B GB	SYNCHRONISATION METHOD AND SYSTEM	GB	15-Oct-03	2350984	MNC
423 GB	METHOD AND APPARATUS FOR SYNCHRONIZING ANALOG CALL DISPLAY DATA IN A DISTRIBUTED SYSTEM	GB	15-Oct-03	2355130	MNC
470 GB	CONSTANT CURRENT LINE CIRCUIT WITH CLASS FEATURES	GB	15-Oct-03	2360906	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>332B CA</u>	METHOD AND APPARATUS FOR EVENT DETECTION IN A SWITCHING SYSTEM	CA	28-Oct-03	2275116	MNC
<u>345 US</u>	ADAPTIVE RULE-BASED MECHANISM AND METHOD FOR FEATURE INTERACTION RESOLUTION	US	28-Oct-03	6639980	MNC
<u>428 GB</u>	DIGITAL PRIVATE SIGNALLING SYSTEM OVER INTERNET PROTOCOL	GB	29-Oct-03	2350014	MNC
<u>441 US</u>	COMMON DATA MODEL INCLUDING FIELD INTERDEPENDENCIES	US	4-Nov-03	6643659	MNC
<u>462 US</u>	COMBINATION VISIBLE AND INFRARED PIPE	US	4-Nov-03	6641309	MNC
<u>463 US</u>	EFFICIENT BATTERY TRANSFER CIRCUIT	US	4-Nov-03	6642632	MNC
<u>421 GB</u>	TELEPHONE SYSTEM WITH PROGRAMMABLE LINE APPEARANCES	GB	5-Nov-03	2361831	MNC
<u>336 US</u>	DISTRIBUTED TECHNIQUE FOR ALLOCATING CALLS	US	11-Nov-03	6646990	MNC
<u>349 US</u>	PALM PC DOCKABLE PHONE	US	11-Nov-03	6647103	MNC
<u>334B GB</u>	PROCESSING BY USE OF SYNCHRONISED TUPLE SPACES AND ASSERTIONS	GB	12-Nov-03	2353612	MNC
<u>433 GB</u>	COMPLEX ACOUSTIC PATH AND GASKET FOR USE WITH MICROPHONES	GB	12-Nov-03	2354393	MNC
<u>430 US</u>	METHOD AND APPARATUS FOR BROADCASTING AUDIO IN A COMMUNICATION SYSTEM	US	18-Nov-03	6650744	MNC
<u>349 GB</u>	PALM PC DOCKABLE PHONE	GB	10-Dec-03	2346761	MNC
<u>402 GB</u>	AUTOMATIC SYNCHRONIZATION OF ADDRESS DIRECTORIES FOR UNIFIED MESSAGING	GB	10-Dec-03	2347308	MNC
<u>553.1 US</u>	Handset	US	16-Dec-03	D483752S	MNC
<u>161 CA</u>	TRANSFER OF BASIC KNOWLEDGE TO AGENTS	CA	23-Dec-03	2224466	MNC
<u>283 GB</u>	COMMUNICATIONS SYSTEM AND METHOD	GB	24-Dec-03	2337176	MNC
<u>345 GB</u>	ADAPTIVE RULE-BASED MECHANISM AND METHOD FOR FEATURE INTERACTION	GB	24-Dec-03	2347579	MNC
<u>345.1 GB</u>	ADAPTIVE RULE-BASED MECHANISM AND METHOD FOR FEATURE INTERACTION RESOLUTION	GB	24-Dec-03	2353916	MNC
<u>399 GB</u>	GRAPHICAL USER INTERFACE AND METHOD FOR DISPLAYING MESSAGES	GB	24-Dec-03	2347581	MNC
<u>411 GB</u>	COMMUNICATION SYSTEM ARCHITECTURE FOR VOICE FIRST COLLABORATION	GB	24-Dec-03	2357659	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
440 GB	POWER SUPPLY FOR ETHERNET LAN CONNECTED TELEPHONE	GB	24-Dec-03	2356326	MNC
485 GB	METHOD AND APPARATUS FOR ATTACHING MOULDED ENCLOSURES	GB	31-Dec-03	2365093	MNC
283 US	COMMUNICATIONS SYSTEM AND METHOD	US	6-Jan-04	6675194	MNC
444 GB	EFFICIENT CONTROLLED CURRENT SINK FOR LED BACKLIGHT PANEL	GB	14-Jan-04	2355816	MNC
440 CA	POWER SUPPLY FOR ETHERNET LAN CONNECTED TELEPHONE	CA	20-Jan-04	2325767	MNC
359 GB	TABULAR RANGE EDITING MECHANISM	GB	28-Jan-04	2358072	MNC
352B US	SYSTEM FOR DISCOUNTING IN A BIDDING PROCESS BASED ON QUALITY OF SERVICE	US	3-Feb-04	6687682	MNC
390B US	CLICK FREE MUTE SWITCH CIRCUIT FOR TELEPHONES	US	10-Feb-04	6690793	MNC
283 GB DIV	COMMUNICATIONS SYSTEM AND METHOD	GB	11-Feb-04	2389994	MNC
383 GB	DISTRIBUTED AUTOMATIC ROUTE SELECTION USING RIP CACHING	GB	11-Feb-04	2359446	MNC
423 CA	A METHOD FOR THE SYNCHRONIZATION OF ANALOG CALL DISPLAY DATA IN DISTRIBUTED SYSTEMS	CA	17-Feb-04	2320554	MNC
429 US	BRANDING DYNAMIC LINK LIBRARIES	US	17-Feb-04	6694320	MNC
474.1 US	SUPPORT UNIT FOR STACKED ITEMS	US	24-Feb-04	6695150	MNC
396B GB	CLICK-FREE MUTING CIRCUIT FOR HEADSET	GB	25-Feb-04	2344711	MNC
441 GB	COMMON DATA MODEL INCLUDING FIELD INTERDEPENDENCIES	GB	3-Mar-04	2355818	MNC
520 US	TUPLE SPACE OPERATIONS FOR FINE GRAINED SYSTEM CONTROL	US	9-Mar-04	6704734	MNC
460 GB	SIMPLE SUPPLEMENTARY SERVICE PROTOCOL FOR H.323 SYSTEMS	GB	10-Mar-04	2358986	MNC
365 CA	LOCATING NETWORK ECHOS	CA	16-Mar-04	2319639	MNC
386 GB	FEATURE IMPLEMENTATION AND PROVISIONING BY INJECTION	GB	17-Mar-04	2358988	MNC
493 GB	FORMED LENS TAB FOR DESIGNATION CARD INSERT	GB	17-Mar-04	2365481	MNC
355 US	MULTI-LINE TELEPHONE SYSTEM EMERGENCY CALL PROCESSING	US	23-Mar-04	6711247	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
447B CA	COMFORT NOISE GENERATION FOR OPEN DISCONTINUOUS TRANSMISSION SYSTEMS	CA	23-Mar-04	2326275	MNC
270 GB	VIRTUAL MEETING ROOMS WITH SPATIAL AUDIO	GB	24-Mar-04	2349055	MNC
437 GB	POLICY REPRESENTATIONS AND MECHANISMS FOR CONTROLLING SOFTWARE-BASED COMMUNICATION	GB	24-Mar-04	2354350	MNC
438 CA	PACKET LOSS COMPENSATION METHOD USING INJECTION OF SPECTRALLY SHAPED NOISE	CA	6-Apr-04	2331228	MNC
134 DE	Lokales Kommunikations-Serversystem	DE	8-Apr-04	1954212	MNC
401 GB	TEXT-TO - SPEECH CONVERTER	GB	14-Apr-04	2347326	MNC
471 GB	UTILIZING SUB PACKETS FOR PACKET LOSS COMPENSATION IN VOICE OVER IP NETWORKS	GB	14-Apr-04	2360178	MNC
48135.06	Telephone	US	27-Apr-04	D489049	MNC
464 GB	EFFICIENT DUAL-SOURCE WIDE-INPUT RANGE ISOLATED DC-DC CONVERTER WITH EFFECTIVE CURRENT LIMIT	GB	28-Apr-04	2360146	MNC
274 DE	CALL ROUTING BASED ON CALLER'S MOOD	DE	29-Apr-04	19852002.6	MNC
352B GB	SYSTEM FOR DISCOUNTING IN A BIDDING PROCESS BASED ON QUALITY OF SERVICE	GB	5-May-04	2343583	MNC
386 CA	FEATURE IMPLEMENTATION AND PROVISIONING BY INJECTION	CA	11-May-04	2334432	MNC
428 US	DIGITAL PRIVATE SIGNALING SYSTEM OVER INTERNET PROTOCOL	US	11-May-04	6735194	MNC
411 GB DIV	COMMUNICATION SYSTEM ARCHITECTURE FOR VOICE FIRST COLLABORATION	GB	12-May-04	2391134	MNC
332B US	METHOD AND APPARATUS FOR EVENT DETECTION IN A SWITCHING SYSTEM	US	25-May-04	6741558	MNC
533 US	DEVICE FOR REDUCING STRUCTURAL-ACOUSTIC COUPLING BETWEEN THE DIAPHRAGM VIBRATION FIELD AND THE ENCLOSURE ACOUSTIC MODES	US	25-May-04	6741717	MNC
180 CA	ORGANIZATION CHART BASED CALL INFORMATION ROUTING	CA	1-Jun-04	2199573	MNC
364B CA	ECHO CANCELLING/SUPPRESSION FOR HANDSETS	CA	1-Jun-04	2293911	MNC
400 US	DYNAMIC RESOURCE REALLOCATION	US	1-Jun-04	6745221	MNC



FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
433 US	COMPLEX ACOUSTIC PATH AND GASKET FOR USE WITH MICROPHONES	US	1-Jun-04	6744900	MNC
460D GB	SIMPLE SUPPLEMENTARY SERVICE PROTOCOL FOR H.323 SYSTEMS	GB	2-Jun-04	2393878	IMNC
383 US	DISTRIBUTED AUTOMATIC ROUTE SELECTION USING RIP CACHING	US	8-Jun-04	6748065	MNC
462.1 US	COMBINATION VISIBLE AND INFRARED PIPE	US	8-Jun-04	6746162	MNC
470 CA	CONSTANT CURRENT LINE CIRCUIT WITH CLASS FEATURES	CA	8-Jun-04	2342557	MNC
485 US	METHOD AND APPARATUS FOR ATTACHING MOULDED ENCLOSURES	US	8-Jun-04	6746174	MNC
396B US	CLICK-FREE MUTING CIRCUIT FOR HEADSET	US	15-Jun-04	6751316	MNC
471 CN	Utilizing sub packets for packet loss compensation in voi	CN	15-Jun-04	1800431.8	MNC
48135.09	Performance enhancement system	US	22-Jun-04	6754187	MNC
417 US	COMMUNICATION SYSTEM USING LINE APPEARANCES ON A SINGLE LINE FOR CONNECTING MULTIPLE DEVICES	US	22-Jun-04	6754201	MNC
160 DE	Procedures for providing a communications service	DE	8-Jul-04	19622347	MNC
463 GB	EFFICIENT BATTERY TRANSFER CIRCUIT	GB	14-Jul-04	2363919	MNC
492 GB	METHOD OF USING SPEECH RECOGNITION TO INITIATE A WAP SESSION	GB	14-Jul-04	2364480	MNC
283 CA	COMMUNICATIONS SYSTEM AND METHOD	CA	20-Jul-04	2270820	MNC
165 DE	Man-machine interface for the phone call feature	DE	29-Jul-04	19543870	MNC
182 CA	COMMON AUTOMATIC ROUTE SELECTION LEADING DIGIT STRINGS	CA	3-Aug-04	2144270	MNC
379B CA	ADAPTIVE BUFFER MANAGEMENT FOR VOICE OVER PACKET BASED NETWORKS	CA	10-Aug-04	2288365	MNC
445B US	METHOD AND APPARATUS FOR CALCULATING ENERGY IN A-LAW OR MU-LAW ENCODED SPEECH SIGNALS	US	10-Aug-04	6775685	MNC
88 US	TIME SLOT ASSIGNER FOR COMMUNICATION SYSTEM	US	10-Aug-04	6775294	MNC
473 US	TELEPHONE INDEPENDENT PROVISION OF SPEECH RECOGNITION DURING DIAL TONE AND SUBSEQUENT CALL PROGRESS STATES	US	17-Aug-04	6778641	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
448 GB	ULTRASONIC PROXIMITY DETECTOR FOR A TELEPHONE DEVICE	GB	25-Aug-04	2366932	MNC
486 US	METHOD AND APPARATUS FOR EXTRACTING VOICED TELEPHONE NUMBERS AND EMAIL ADDRESSES FROM VOICE MAIL MESSAGES	US	31-Aug-04	6785367	MNC
415 GB	TELEPHONE WITH HANDWRITING RECOGNITION	GB	8-Sep-04	2360903	MNC
161 US	TRANSFER OF BASIC KNOWLEDGE TO AGENTS	US	21-Sep-04	6795969	MNC
325 US	SMART TRANSFER FOR ANSWER POSITIONS	US	21-Sep-04	6795542	MNC
403 US	AUTOMATIC USER PREFERENCE SELECTION FOR MESSAGE PLAYBACK BASED ON CALLER LINE IDENTIFICATION DATA	US	21-Sep-04	6795536	MNC
472 US	INTERMEDIATE VOICE AND DTMF DETECTOR DEVICE FOR IMPROVED SPEECH RECOGNITION UTILIZATION AND PENETRATION	US	21-Sep-04	6795533	MNC
113 DE	Unique Ringing on Prime Line	DE	23-Sep-04	4407671	MNC
48135.02	System and Method for enabling custom features on a PBX system	US	28-Sep-04	6798874	MNC
463 CA	EFFICIENT BATTERY TRANSFER CIRCUIT	CA	28-Sep-04	2350435	MNC
553 US	Information Appliance	US	28-Sep-04	D496652S	MNC
421 US	TELEPHONE SYSTEM WITH PROGRAMMABLE LINE APPEARANCES	US	5-Oct-04	6801609	MNC
503 GB	MICROPHONE GASKET WITH INTEGRATED ACOUSTIC RESISTANCE	GB	6-Oct-04	2372397	MNC
525 US	POWER SUPPLY START UP CIRCUIT	US	12-Oct-04	6804126	MNC
517 GB	REMOTE ASSEMBLY OF MESSAGES FOR DISTRIBUTED APPLICATIONS	GB	13-Oct-04	2375264	MNC
420B CA	SYNCHRONIZATION METHOD AND SYSTEM FOR KEEPING TRACK OF ENCODING HISTORY TO MAINTAIN DIGITAL SYSTEM SYNCHRONIZATION DURING COMMUNICATION OVER LOSSY TRANSMISSION MEDIA	CA	2-Nov-04	2309014	MNC
258 US	DYNAMIC COMMUNICATIONS GROUPS	US	9-Nov-04	6816589	MNC
435B CA	METHOD OF DETECTING SILENCE IN A PACKETIZED VOICE STREAM	CA	9-Nov-04	2309525	MNC
478 US	TREE HIERARCHY AND DESCRIPTION FOR GENERATED LOGS	US	9-Nov-04	6816576	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
373.1 US	PRIVATE BRANCH EXCHANGE IMPLEMENTED USING H.323 GATEKEEPER	US	16-Nov-04	6819665	MNC
376 CA	LINE INFORMATION SECURITY INTERFACE FOR TAPI SERVICE PROVIDER	CA	16-Nov-04	2281374	MNC
401 CA	TEXT-TO-SPEECH CONVERTER	CA	16-Nov-04	2299162	MNC
473 CA	TELEPHONE INDEPENDENT PROVISION OF SPEECH RECOGNITION DURING DIAL TONE AND SUBSEQUENT CALL PROGRESS STATES	CA	16-Nov-04	2357326	MNC
495 GB	METHOD AND APPARATUS FOR LOCATING A TALKER	GB	24-Nov-04	2364121	MNC
417 CA	COMMUNICATION SYSTEM USING LINE APPEARANCES ON A SINGLE LINE FOR CONNECTING MULTIPLE DEVICES	CA	30-Nov-04	2307742	MNC
493 CA	FORMED LENS TAB FOR DESIGNATION CARD INSERT	CA	30-Nov-04	2354203	MNC
48135.1	VOICE-OVER INTERNET PROTOCOL	US	7-Dec-04	6829249	MNC
499 CA	METHOD FOR HANDLING FAR-END SPEECH EFFECTS IN HANDS-FREE TELEPHONY SYSTEMS ON ACOUSTIC BEAMFORMING	CA	7-Dec-04	2358044	MNC
510 US	METHOD AND APPARATUS FOR TESTING TELEPHONE LINES	US	14-Dec-04	6831965	MNC
501B UK	NOISE LEVEL CALCULATOR FOR ECHO CANCELLER	GB	15-Dec-04	2367467	MNC
356 US	CALL CONTROL SYSTEM AND METHOD	US	21-Dec-04	6834106	MNC
365 GB	LOCATING NETWORK ECHOS	GB	22-Dec-04	2354414	MNC
390B CA	CLICK FREE MUTE SWITCH CIRCUIT FOR TELEPHONES	CA	28-Dec-04	2308544	MNC
399 US	GRAPHICAL USER INTERFACE AND METHOD FOR DISPLAYING MESSAGES	US	4-Jan-05	6839411	MNC
431B CA	METHOD TO GENERATE TELEPHONE COMFORT NOISE DURING SILENCE IN A PACKETIZED VOICE COMMUNICATION SYSTEM	CA	4-Jan-05	2308647	MNC
274 CA	CALL ROUTING BASED ON CALLER'S MOOD	CA	11-Jan-05	2252788	MNC
464 CA	EFFICIENT, DUAL-SOURCE, WIDE-INPUT RANGE, ISOLATED DC-DC CONVERTER WITH EFFECTIVE CURRENT LIMIT	CA	1-Feb-05	2339538	MNC
479 FR	Dynamic rule sets for generated logs in a network	FR	2-Feb-05	1146426	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>479 GB</u>	<u>Dynamic rule sets for generated logs in a network</u>	GB	2-Feb-05	1146426	MNC
<u>428 CA</u>	<u>DIGITAL PRIVATE SIGNALING SYSTEM OVER INTERNET PROTOCOL</u>	CA	8-Feb-05	2308066	MNC
<u>398B CA</u>	<u>METHOD TO CONTROL DATA RECEPTION BUFFERS FOR PACKETIZED VOICE CHANNELS</u>	CA	15-Feb-05	2308648	MNC
<u>444 CA</u>	<u>EFFICIENT CONTROLLED CURRENT SINK FOR LED BACKLIGHT PANEL</u>	CA	15-Mar-05	2324423	MNC
<u>429 CA</u>	<u>BRANDING DYNAMIC LINK LIBRARIES</u>	CA	5-Apr-05	2297372	MNC
<u>501B FR</u>	<u>NOISE LEVEL CALCULATOR FOR ECHO CANCELLER</u>	FR	15-Apr-05	112504	MNC
<u>499 GB</u>	<u>METHOD AND APPARATUS FOR MINIMIZING FAR-END SPEECH EFFECTS IN HANDS-FREE TELEPHONY SYSTEMS USING ACOUSTIC BEAMFORMING</u>	GB	27-Apr-05	2367730	MNC
<u>457 B CA</u>	<u>LOUDSPEAKER TELEPHONE EQUALIZATION METHOD AND EQUALIZER FOR LOUDSPEAKER TELEPHONE</u>	CA	3-May-05	2391262	MNC
<u>436 CA</u>	<u>SECURITY MECHANISMS AND ARCHITECTURE FOR COLLABORATIVE SYSTEMS USING TUPLE SPACE</u>	CA	17-May-05	2321407	MNC
<u>336 CA</u>	<u>DISTRIBUTED TECHNIQUE FOR ALLOCATING CALLS</u>	CA	24-May-05	2291534	MNC
<u>384 CA</u>	<u>SEMANTIC ERRORS DIAGNOSTIC OPERATION FOR MULTI-AGENT SYSTEM</u>	CA	24-May-05	2297622	MNC
<u>517 FR</u>	<u>Remote Assembly of Messages for Distributed Applications</u>	FR	27-May-05	205524	MNC
<u>471 US</u>	<u>SUB-PACKET INSERTION FOR PACKET LOSS COMPENSATION IN VOICE OVER IP NETWORKS</u>	US	31-May-05	6901069	MNC
<u>458 GB</u>	<u>RESOURCE SHARING WITH SLIDING CONSTRAINTS</u>	GB	1-Jun-05	2366401	MNC
<u>182 DE</u>	<u>Communications switchyard</u>	DE	23-Jun-05	19608114	MNC
<u>457B GB</u>	<u>LOUDSPEAKER TELEPHONE EQUALIZATION</u>	GB	29-Jun-05	2377353	MNC
<u>425.1 US</u>	<u>FEATURE INTERACTION RESOLUTION USING FUZZY RULES</u>	US	5-Jul-05	6915285	MNC
<u>430 CA</u>	<u>METHOD AND APPARATUS FOR BROADCASTING AUDIO IN A COMMUNICATION SYSTEM</u>	CA	5-Jul-05	2307749	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
461 CA	PDA ENABLED TELEPHONE	CA	5-Jul-05	2368907	MNC
383 CA	DISTRIBUTED AUTOMATIC ROUTE SELECTION USING RIP CACHING	CA	12-Jul-05	2334503	MNC
373 CA	PRIVATE BRANCH EXCHANGE IMPLEMENTED USING H.323 GATEKEEPER	CA	16-Aug-05	2307476	MNC
467 US	Removable hardware device authentication system and method	US	16-Aug-05	6931533	MNC
521 US	HARDWARE-ASSISTED TUPLE SPACE	US	16-Aug-05	6931491	MNC
459 GB	TRANSPORT PROTOCOLS FOR APPLICATION PLATFORMS OVER NETWORK PORTALS	GB	17-Aug-05	2371726	MNC
486 CA	METHOD AND APPARATUS FOR EXTRACTING VOICED TELEPHONE NUMBERS AND EMAIL ADDRESSES FROM VOICE MAIL MESSAGES	CA	6-Sep-05	2375410	MNC
258 DE	PABX communication system for subscriber group allocation	DE	15-Sep-05	19838055	MNC
365 US	LOCATING NETWORK ECHOS	US	20-Sep-05	6947395	MNC
486 GB	METHOD AND APPARATUS FOR EXTRACTING VOICED TELEPHONE NUMBERS AND EMAIL ADDRESSES FROM VOICE MAIL MESSAGES	GB	21-Sep-05	2373670	MNC
LK-0301 IE	A detecting circuit for detecting the presence of a headset connected to a telephone and a method for detecting a headset connected to a telephone	IE	1-Oct-05	84036	MNC
548 GB	METHOD AND APPARATUS OF CONTROLLING NOISE LEVEL CALCULATIONS IN A CONFERENCING SYSTEM	GB	12-Oct-05	2385249	MNC
471 DE	Part package insert for packet loss compensation in Internet telephony networks	DE	13-Oct-05	10190890	MNC
525 CA	POWER SUPPLY START UP CIRCUIT	CA	18-Oct-05	2416338	MNC
532 US	LINE ECHO CANCELLATION SYSTEM	US	18-Oct-05	6956830	MNC
478 FR	Tree hierarchy and description for generated logs	FR	19-Oct-05	1146689	MNC
478 GB	Tree hierarchy and description for generated logs	GB	19-Oct-05	1146689	MNC
482 US	REGISTERING AN IP PHONE WITH AN IP PHONE SWITCH	US	25-Oct-05	6958992	MNC
507 CA	AUTOMATIC LOCATION-AWARE FEATURE SELECTION	CA	25-Oct-05	2412238	MNC
527 FR	Signaling system	FR	26-Oct-05	1294160	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
527 GB	Signaling system	GB	26-Oct-05	1294160	MNC
345 CA	ADAPTIVE RULE-BASED MECHANISM AND METHOD FOR FEATURE INTERACTION RESOLUTION	CA	1-Nov-05	2299639	MNC
441 FR	Common data model including field interdependencies	FR	4-Nov-05	13721	MNC
472 CA	INTERMEDIATE VOICE AND DTMF DETECTOR DEVICE FOR IMPROVED SPEECH RECOGNITION UTILIZATION AND PENETRATION	CA	15-Nov-05	2398579	MNC
501B CN	NOISE LEVEL CALCULATOR FOR ECHO CANCELLER	CN	16-Nov-05	ZL01141523	MNC
504.1 GB	DISTRIBUTED ECHO CANCELLING	GB	23-Nov-05	2389287	MNC
503 US	MICROPHONE GASKET WITH INTEGRATED ACOUSTIC RESISTANCE	US	20-Dec-05	6978033	MNC
S107 DE	NONLINEAR PROCESSOR FOR ACOUSTIC ECHO CANCELLER	DE	22-Dec-05	19848588	MNC
479 DE	Dynamic rule sets for generated logs in a network	DE	5-Jan-06	60108680.5	MNC
421 CA	TELEPHONE SYSTEM WITH PROGRAMMABLE LINE APPEARANCES	CA	24-Jan-06	2343981	MNC
478 CA	TREE HIERARCHY AND DESCRIPTION FOR GENERATED LOGS	CA	24-Jan-06	2343695	MNC
549 CA	AUDIO EARPIECE FOR WIDEBAND TELEPHONE HANDSETS	CA	24-Jan-06	2431526	MNC
562 US	METHOD OF ACOUSTIC ECHO CANCELLATION IN FULL-DUPLEX HANDS FREE AUDIO CONFERENCING WITH SPATIAL DIRECTIVITY	US	24-Jan-06	6990193	MNC
396B CA	CLICK-FREE MUTING CIRCUIT FOR HEADSET	CA	31-Jan-06	2291884	MNC
367 CA	A CACHING MECHANISM TO OPTIMIZE A BIDDING PROCESS USED TO SELECT RESOURCES AND SERVICES	CA	7-Feb-06	2331977	MNC
48135.11	VOICE-OVER INTERNET PROTOCOL	US	14-Feb-06	6999431	MNC
592 US	PARALLEL GCS STRUCTURE FOR ADAPTIVE BEAMFORMING UNDER EQUALIZATION CONSTRAINTS	US	14-Feb-06	6999378	MNC
501B CA	NOISE LEVEL CALCULATOR FOR ECHO CANCELLER	CA	28-Feb-06	2357959	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
448 US	ULTRASONIC PROXIMITY DETECTOR FOR A TELEPHONE DEVICE	US	7-Mar-06	7010098	MNC
468 US	MULTI-FREQUENCY TONE DETECTOR	US	7-Mar-06	7010117	MNC
139 DE	Procedures to operate an agent	DE	9-Mar-06	19508940	MNC
459 FR	Transport Protocols for Application Platforms Over Networ	FR	10-Mar-06	200942	MNC
411 CA	COMMUNICATION SYSTEM ARCHITECTURE FOR VOICE FIRST COLLABORATION	CA	21-Mar-06	2329017	MNC
484 US	SYSTEM FOR MASKING MICROPHONIC VOICE SIGNALS IN WIRED TELECOMMUNICATIONS EQUIPMENT	US	4-Apr-06	7024175	MNC
492 CA	METHOD OF USING SPEECH RECOGNITION TO INITIATE A WIRELESS APPLICATION PROTOCOL (MAP) SESSION	CA	4-Apr-06	2351899	MNC
530 US	CALL REDIRECTION ZONES FOR WIRELESS COMMUNICATIONS	US	4-Apr-06	7024184	MNC
439 US	APPARATUS FOR RELEASING TELEDAPT CABLES FROM DEEPLY RECESSED RJ CONNECTORS	US	11-Apr-06	7027596	MNC
449 US	USE OF HANDSET MICROPHONE TO ENHANCE SPEAKERPHONE LOUDSPEAKER PERFORMANCE	US	18-Apr-06	7031455	MNC
485 CA	METHOD AND APPARATUS FOR ATTACHING MOULDED ENCLOSURES	CA	18-Apr-06	2353117	MNC
519 US	POWER SUPPLY FOR PHANTOM-FEED LAN CONNECTED DEVICE USING SPARE-PAIR POWERING	US	18-Apr-06	7030733	MNC
503.1 US	MICROPHONE GASKET WITH INTEGRATED ACOUSTIC RESISTANCE	US	25-Apr-06	7035420	MNC
372 US	ADAPTIVE FEATURE BEHAVIOUR	US	16-May-06	7046781	MNC
519 CA	POWER SUPPLY FOR PHANTOM-FEED LAN CONNECTED DEVICE USING SPARE-PAIR POWERING	CA	16-May-06	2416852	MNC
163 DE	Telephone Server	DE	18-May-06	19622969	MNC
171 DE	Procedures for silent monitoring of telephone conversations	DE	24-May-06	19726292	MNC
270 CA	VIRTUAL MEETING ROOMS WITH SPATIAL AUDIO	CA	30-May-06	2304900	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
436 US	SECURITY MECHANISM AND ARCHITECTURE FOR COLLABORATIVE SOFTWARE SYSTEMS USING TUPLE SPACE	US	30-May-06	7055170	MNC
471 CA	SUB-PACKET INSERTION FOR PACKET LOSS COMPENSATION IN VOICE OVER IP NETWORKS	CA	30-May-06	2372209	MNC
533 CA	DEVICE FOR REDUCING STRUCTURAL-ACOUSTICAL COUPLING BETWEEN THE DIAPHRAGM VIBRATION FIELD AND THE ENCLOSURE ACOUSTIC MODES	CA	30-May-06	2405210	MNC
507 US	AUTOMATIC LOCATION-AWARE FEATURE SELECTION	US	6-Jun-06	7058167	MNC
382 US	MULTIMEDIA COMMUNICATIONS RESOURCE MANAGEMENT CONTROL SYSTEM AND METHOD	US	13-Jun-06	7062548	MNC
518 US	MASTER SLAVE FRAME LOCK METHOD	US	13-Jun-06	7062005	MNC
522 DE	System and method for facilitating the selection of electronic services using infrared and a network address identification	DE	14-Jun-06	1309152	MNC
522 FR	System and method for facilitating the selection of electronic services using infrared and a network address identification	FR	14-Jun-06	1309152	MNC
522 GB	System and method for facilitating the selection of electronic services using infrared and a network address identification	GB	14-Jun-06	1309152	MNC
535 DE	Method for improving near-end voice activity detection in talker localization system utilizing beamforming technology	DE	21-Jun-06	1286328	MNC
535 FR	Method for improving near-end voice activity detection in talker localization system utilizing beamforming technology	FR	21-Jun-06	1286328	MNC
535 GB	Method for improving near-end voice activity detection in talker localization system utilizing beamforming technology	GB	21-Jun-06	1286328	MNC
459 US	TRANSPORT PROTOCOLS FOR APPLICATION PLATFORMS OVER NETWORK PORTALS	US	27-Jun-06	7068670	MNC
330 US	3D VIEW OF INCOMING COMMUNICATIONS	US	4-Jul-06	7072450	MNC
437 CA	POLICY REPRESENTATIONS AND MECHANISMS FOR THE CONTROL OF SOFTWARE	CA	18-Jul-06	2319863	MNC



FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
448 CA	ULTRASONIC PROXIMITY DETECTOR FOR A TELEPHONE DEVICE	CA	18-Jul-06	2356603	MNC
449 CA	USE OF HANDSET MICROPHONE TO ENHANCE SPEAKERPHONE LOUDSPEAKER PERFORMANCE	CA	18-Jul-06	2356063	MNC
478 DE	Tree hierarchy and description for generated logs	DE	20-Jul-06	60114070.2	MNC
527 DE	Signaling system	DE	27-Jul-06	60206861.4	MNC
258 CA	DYNAMIC COMMUNICATIONS GROUP	CA	1-Aug-06	2243781	MNC
461 US	PDA ENABLED TELEPHONE	US	1-Aug-06	7085591	MNC
504 US	DISTRIBUTED ECHO CANCELLING	US	1-Aug-06	7085374	MNC
548 US	METHOD AND APPARATUS OF CONTROLLING NOISE LEVEL CALCULATIONS IN A CONFERENCING SYSTEM	US	1-Aug-06	7085715	MNC
548 CA	METHOD AND APPARATUS OF CONTROLLING NOISE LEVEL CALCULATIONS IN A CONFERENCING SYSTEM	CA	13-May-08	2416003	MNC
471 FR	SUB-PACKET INSERTION FOR PACKET LOSS COMPENSATION IN VOICE OVER IP NETWORKS	FR	2-Aug-06	183681	MNC
357 DE	Process and device for transferring extension of an embedded system on a personal computer	DE	10-Aug-06	19919976	MNC
504 DE	Distributed Echo Cancellation	DE	16-Aug-06	1367738	MNC
504 FR	Distributed Echo Cancellation	FR	16-Aug-06	1367738	MNC
504 GB	Distributed Echo Cancellation	GB	16-Aug-06	1367738	MNC
520 DE	Tuple space operations for fine grained system control	DE	16-Aug-06	1329810	MNC
520 EP	Tuple Space Operations for Fine Grained System Control	EP	16-Aug-06	1329810	MNC
520 FR	Tuple space operations for fine grained system control	FR	16-Aug-06	1329810	MNC
520 GB	Tuple space operations for fine grained system control	GB	16-Aug-06	1329810	MNC
172 CA	APPLICATION CALL ROUTING	CA	22-Aug-06	2239038	MNC
334B US	PROCESSING BY USE OF SYNCHRONIZED TUPLE SPACES AND ASSERTIONS	US	22-Aug-06	7096259	MNC
521 DE	A Hardware-Assisted Tuple Space	DE	23-Aug-06	1329807	MNC
521 FR	A Hardware-Assisted Tuple Space	FR	23-Aug-06	1329807	MNC
521 GB	A Hardware-Assisted Tuple Space	GB	23-Aug-06	1329807	MNC
477 DE	Execution sets for generated error - logs	DE	30-Aug-06	1146688	MNC
477 FR	Execution sets for generated error - logs	FR	30-Aug-06	1146688	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
477 GB	Execution sets for generated error - logs	GB	30-Aug-06	1146688	MNC
526 DE	Apparatus and method for changing the playback rate of recorded speech	DE	30-Aug-06	1426926	MNC
526 FR	Apparatus and method for changing the playback rate of recorded speech	FR	30-Aug-06	1426926	MNC
526 GB	Apparatus and method for changing the playback rate of recorded speech	GB	30-Aug-06	1426926	MNC
492 US	METHOD OF USING SPEECH RECOGNITION TO INITIATE A WIRELESS APPLICATION PROTOCOL (WAP) SESSION	US	5-Sep-06	7103550	MNC
509 US	SPLIT BROWSER	US	12-Sep-06	7106837	MNC
564 CA	METHOD OF CAPTURING CONSTANT ECHO PATH INFORMATION IN A FULL DUPLEX SPEAKERPHONE	CA	12-Sep-06	2414636	MNC
LK-0202 IE.1	A private branch exchange and a method for selectively communicating the central processing unit with respective modules in the private branch exchange	IE	28-Sep-06	84389	MNC
547 DE	Management of interactions of customisable features in IP telephony using deontic task trees and execution operators	DE	4-Oct-06	1389865	MNC
547 FR	Management of interactions of customisable features in IP telephony using deontic task trees and execution operators	FR	4-Oct-06	1389865	MNC
547 GB	Management of interactions of customisable features in IP telephony using deontic task trees and execution operators	GB	4-Oct-06	1389865	MNC
IT-04-005	Hybrid Voice Comm System	US	10-Oct-06	D529892	MNC
356 CA	CALL CONTROL SYSTEM AND METHOD	CA	24-Oct-06	2316128	MNC
382 CA	MULTIMEDIA COMMUNICATIONS RESOURCE MANAGEMENT CONTROL SYSTEM AND METHOD	CA	24-Oct-06	2317146	MNC
513 US	METHOD AND APPARATUS FOR ESTABLISHING AND MAINTAINING VOICE COMMUNICATION AMONG A COMMUNITY OF INTEREST	US	24-Oct-06	7127047	MNC
516 DE	Mobile Interactive Logs	DE	25-Oct-06	1249967	MNC
516 FR	Mobile Interactive Logs	FR	25-Oct-06	1249967	MNC
516 GB	Mobile Interactive Logs	GB	25-Oct-06	1249967	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>534 US</u>	ROBUST TALKER LOCALIZATION IN REVERBERANT ENVIRONMENT	US	31-Oct-06	7130797	MNC
<u>526 US</u>	APPARATUS AND METHOD FOR CHANGING THE PLAYBACK RATE OF RECORDED SPEECH	US	28-Nov-06	7143029	MNC
<u>281 DE</u>	Integrated telephone and data network	DE	30-Nov-06	19713036	MNC
<u>482 CA</u>	REGISTERING AN IP PHONE WITH AN IP PHONE SWITCH	CA	5-Dec-06	2341111	MNC
<u>489 CA</u>	METHOD OF CONTROLLING TELEPHONE CONNECTIONS FOR INTERNET PROTOCOL COMMUNICATIONS	CA	5-Dec-06	2339320	MNC
<u>460US</u>	Supplementary Service Protocol for H.323 Systems	US	26-Dec-06	7155528	MNC
<u>355 CA</u>	MULTI-LINE TELEPHONE SYSTEM EMERGENCY CALL PROCESSING	CA	2-Jan-07	2306638	MNC
<u>574 CA</u>	DETECTING ACOUSTIC ECHOES USING MICROPHONE ARRAYS	CA	2-Jan-07	2485728	MNC
<u>466 DE</u>	Method and system for spoken language translation	DE	3-Jan-07	1339206	MNC
<u>466 FR</u>	Method and system for spoken language translation	FR	3-Jan-07	1339206	MNC
<u>466 GB</u>	Method and system for spoken language translation	GB	3-Jan-07	1339206	MNC
<u>355 GB</u>	MULTI-LINE TELEPHONE SYSTEM EMERGENCY CALL PROCESSING	GB	7-Jan-07	2349774	MNC
<u>491 CA</u>	MENU PRESENTATION SYSTEM	CA	9-Jan-07	2400148	MNC
<u>513 CA</u>	METHOD AND APPARATUS FOR ESTABLISHING AND MAINTAINING VOICE COMMUNICATION AMONG A COMMUNITY OF INTEREST	CA	9-Jan-07	2415798	MNC
<u>527 CA</u>	SIGNALING SYSTEM	CA	9-Jan-07	2401937	MNC
<u>547 CA</u>	PERSONALIZABLE AND CUSTOMIZABLE FEATURE EXECUTION FOR TELEPHONY USING OPERATIONAL SEMANTICS AND DEONTIC TASK TREES	CA	9-Jan-07	2436072	MNC
<u>477 CA</u>	EXECUTION SETS FOR GENERATED LOGS	CA	16-Jan-07	2343705	MNC
<u>562 CA</u>	METHOD OF ACOUSTIC ECHO CANCELLATION IN FULL-DUPLEX HANDS FREE AUDIO CONFERENCING WITH SPATIAL DIRECTIVITY	CA	16-Jan-07	2413217	MNC
<u>372 CA</u>	ADAPTIVE FEATURE BEHAVIOUR	CA	6-Feb-07	2306160	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
499.1 CA	METHOD AND APPARATUS FOR MINIMIZING FAR-END SPEECH EFFECTS IN HANDS-FREE TELEPHONY SYSTEMS USING ACOUSTIC BEAMFORMING	CA	6-Feb-07	2445180	MNC
504 CA	DISTRIBUTED ECHO CANCELLING	CA	6-Feb-07	2430030	MNC
570 CA	A METHOD FOR OPTIMAL MICROPHONE ARRAY DESIGN UNDER UNIFORM ACOUSTIC COUPLING CONSTRAINTS	CA	6-Feb-07	2481640	MNC
479 US	DYNAMIC RULE SETS FOR GENERATED LOGS	US	13-Feb-07	7177896	MNC
466 EU	VOICE ACTIVATED LANGUAGE TRANSLATION	EP	1-Mar-07		MNC
565 US	METHOD OF CAPTURING CONSTANT ECHO PATH INFORMATION IN A FULL DUPLEX SPEAKERPHONE USING DEFAULT COEFFICIENTS	US	6-Mar-07	7187765	MNC
602 US	COMPUTER-TELEPHONY DEVICE	US	13-Mar-07	D538279	MNC
283 DE	Communications system operating method e.g. for providing local switching control of telephone interface circuits	DE	15-Mar-07	19920692	
359 CA	TABULAR RANGE EDITING MECHANISM	CA	20-Mar-07	2330260	MNC
210 CA	QUOTATION MECHANISM FOR SERVICE ENVIRONMENTS	CA	27-Mar-07	2307683	MNC
555 US	REPLACEABLE PERSONAL DIGITAL ASSISTANT CRADLE FOR A TELEPHONE	US	27-Mar-07	7197139	MNC
495 CA	METHOD AND APPARATUS FOR LOCATING A TALKER	CA	3-Apr-07	2352017	MNC
373 US	NETWORK IMPLEMENTED COMMUNICATION SYSTEM	US	10-Apr-07	7203189	MNC
469 CA	MOUSE ENABLED PHONE	CA	10-Apr-07	2431124	MNC
508 CA	PRO-ACTIVE FEATURES FOR TELEPHONY	CA	17-Apr-07	2413574	MNC
521 CA	HARDWARE-ASSISTED TUPLE SPACE	CA	24-Apr-07	2416013	MNC
469 US	MOUSE ENABLED PHONE	US	1-May-07	7212629	MNC
566 US	ECHO CANCELLATION/SUPPRESSION AND DOUBLE-TALK DETECTION IN COMMUNICATION PATHS	US	1-May-07	7212628	
587 US	METHOD OF SELECTING IMPEDANCE SETTING FOR LOOP START TRUNK LINE	US	8-May-07	7215762	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
458 US	RESOURCE SHARING WITH SLIDING CONSTRAINTS	US	22-May-07	7222345	MNC
564 US	METHOD OF CAPTURING CONSTANT ECHO PATH INFORMATION IN A FULL DUPLEX SPEAKERPHONE	US	22-May-07	7221755	MNC
433 CA	COMPLEX ACOUSTIC PATH AND GASKET FOR USE WITH MICROPHONES	CA	29-May-07	2317507	MNC
466 CA	VOICE ACTIVATED LANGUAGE TRANSLATION	CA	29-May-07	2419112	MNC
567 CA	A METHOD TO REDUCE ACOUSTIC COUPLING IN AUDIO CONFERENCING SYSTEMS	CA	29-May-07	2475183	MNC
526 CA	APPARATUS AND METHOD FOR CHANGING THE PLAYBACK RATE OF RECORDED SPEECH	CA	5-Jun-07	2452022	MNC
554 CA	METHOD FOR EXTENDING THE FREQUENCY RANGE OF A BEAMFORMER WITHOUT SPATIAL ALIASING	CA	26-Jun-07	2453076	MNC
565 CA	METHOD OF CAPTURING CONSTANT ECHO PATH INFORMATION IN A FULL DUPLEX SPEAKERPHONE USING DEFAULT COEFFICIENTS	CA	26-Jun-07	2451417	MNC
575 CA	MICROPHONE ARRAY WITH PHYSICAL BEAMFORMING USING OMNIDIRECTIONAL MICROPHONES	CA	26-Jun-07	2472938	MNC
437 US	POLICY REPRESENTATIONS AND MECHANISMS FOR THE CONTROL OF SOFTWARE	US	3-Jul-07	7240015	MNC
516 CA	MOBILE INTERACTIVE LOGS	CA	3-Jul-07	2381536	MNC
551 DE	Internet appliance proxy protocol to support location-based services	DE	4-Jul-07	1439683	MNC
551 FR	Internet appliance proxy protocol to support location-based services	FR	4-Jul-07	1439683	MNC
551 GB	Internet appliance proxy protocol to support location-based services	GB	4-Jul-07	1439683	MNC
546 CA	SYSTEM AND METHOD FOR FACILITATING COMMUNICATION USING PRESENCE AND COMMUNICATION SYSTEM	CA	17-Jul-07	2436061	MNC
517 CA	REMOTE ASSEMBLY OF MESSAGES FOR DISTRIBUTED APPLICATIONS	CA	24-Jul-07	2384066	MNC
495 US	ACOUSTIC TALKER LOCALIZATION	US	31-Jul-07	7251336	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
587 CA	METHOD FOR SELECTING IMPEDANCE SETTING FOR LOOP START TRUNK LINE	CA	31-Jul-07	2497106	MNC
561 US	METHOD OF BROADBAND CONSTANT DIRECTIVITY BEAMFORMING FOR NON LINEAR AND NON AXI-SYMMETRIC SENSOR ARRAYS EMBEDDED IN AN OBSTACLE	US	11-Sep-07	7269263	MNC
525 DE	Power supply start up circuit	DE	19-Sep-07	1330016	MNC
525 EP	Power supply start up circuit	EP	19-Sep-07	1330016	MNC
525 FR	Power supply start up circuit	FR	19-Sep-07	1330016	MNC
525 GB	Power supply start up circuit	GB	19-Sep-07	1330016	MNC
530 DE	Location-based call redirection for wireless communication networks	DE	26-Sep-07	1416756	MNC
530 EP	Location-based call redirection for wireless communication networks	EP	26-Sep-07	1416756	MNC
530 FR	Location-based call redirection for wireless communication networks	FR	26-Sep-07	1416756	MNC
530 GB	Location-based call redirection for wireless communication networks	GB	26-Sep-07	1416756	MNC
508 US	PRO-ACTIVE FEATURES FOR TELEPHONY	US	6-Nov-07	7292685	MNC
556 US	IP DEVICE REGISTRATION	US	20-Nov-07	7298708	MNC
559 US	ASYMMETRICAL LOUDSPEAKER ENCLOSURES WITH ENHANCED LOW FREQUENCY RESPONSE	US	20-Nov-07	7298862	MNC
596 DE	A method of accelerating the training of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	DE	5-Dec-07	1708472	MNC
596 EP	A method of accelerating the training of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	EP	5-Dec-07	1708472	MNC
596 FR	A method of accelerating the training of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	FR	5-Dec-07	1708472	MNC
596 GB	A method of accelerating the training of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	GB	5-Dec-07	1708472	MNC
550 CA	GENERATION OF AVAILABILITY INDICATORS FROM CALL CONTROL POLICIES FOR PRESENCE ENABLED TELEPHONY SYSTEM	CA	11-Dec-07	2435827	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>552 US</u>	Availability and Location Predictor using call processing indications	US	11-Dec-07	7308089	MNC
<u>479 CA</u>	DYNAMIC RULE SETS FOR GENERATED LOGS	CA	8-Jan-08	2343692	MNC
<u>503 CA</u>	MICROPHONE GASKET WITH INTEGRATED ACOUSTIC RESISTANCE	CA	8-Jan-08	2372351	MNC
<u>517 US</u>	SYSTEM AND METHOD FOR REMOTE ASSEMBLY OF MESSAGES TO CREATE A CONTROL MESSAGE	US	8-Jan-08	7318109	MNC
<u>532 CA</u>	LINE ECHO CANCELLATION SYSTEM	CA	8-Jan-08	2429928	MNC
<u>544 CA</u>	CONTEXT AWARE CALL HANDLING SYSTEM	CA	8-Jan-08	2436086	MNC
<u>552 DE</u>	Availability and location prediction using call processing indications	DE	23-Jan-08	60318786.2	MNC
<u>552 EP</u>	Availability and location prediction using call processing indications	EP	23-Jan-08	1389866	MNC
<u>552 FR</u>	Availability and location prediction using call processing indications	FR	23-Jan-08	1389866	MNC
<u>552 GB</u>	Availability and location prediction using call processing indications	GB	23-Jan-08	1389866	MNC
<u>164 DE</u>	Communications System	DE	24-Jan-08	19548456	MNC
<u>561 CA</u>	METHOD FOR BROADBAND CONSTANT DIRECTIVITY BEAMFORMING FOR NON LINEAR AND NON AXI-SYMMETRIC SENSOR ARRAYS EMBEDDED IN AN OBSTACLE	CA	29-Jan-08	2453048	MNC
<u>580 CA</u>	LOUDSPEAKER ENCLOSURE INCORPORATING A LEAK TO COMPENSATE FOR THE EFFECT OF ACOUSTIC MODES ON LOUDSPEAKER FREQUENCY RESPONSE	CA	29-Jan-08	2489113	MNC
<u>457B US</u>	LOUDSPEAKER TELEPHONE EQUALIZATION METHOD AND EQUALIZER FOR LOUDSPEAKER TELEPHONE	US	5-Feb-08	7327840	MNC
<u>489 US</u>	METHOD OF CONTROLLING TELEPHONE CONNECTIONS FOR INTERNET PROTOCOL COMMUNICATIONS	US	5-Feb-08	7328271	MNC
<u>188B US</u>	MECHANISM FOR SHARING OF GUARANTEED RESOURCES	US	12-Feb-08	7330832	MNC
<u>472 DE</u>	Improved speech recognition	DE	27-Feb-08	60225215.6	MNC
<u>472 EP</u>	Improved speech recognition	EP	27-Feb-08	1289242	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
472 FR	Improved speech recognition	FR	27-Feb-08	1289242	MNC
472 GB	Improved speech recognition	GB	27-Feb-08	1289242	MNC
523 US	SYSTEM AND METHOD FOR THE SELECTION OF ELECTRONIC SERVICES FROM A SET OF RESOURCES USING INFRARED COMMUNICATION	US	4-Mar-08	7339907	MNC
270 US	VIRTUAL MEETING ROOMS WITH SPATIAL AUDIO	US	18-Mar-08	7346654	MNC
540 DE	System and method for PDA to PDA communication using a network portal	DE	26-Mar-08	1465387	MNC
540 EP	System and method for PDA to PDA communication using a network portal	EP	26-Mar-08	1465387	MNC
540 FR	System and method for PDA to PDA communication using a network portal	FR	26-Mar-08	1465387	MNC
540 GB	System and method for PDA to PDA communication using a network portal	GB	26-Mar-08	1465387	MNC
520 CA	TUPLE SPACE OPERATIONS FOR FINE GRAINED SYSTEM CONTROL	CA	1-Apr-08	2416070	MNC
549 US	AUDIO EARPIECE FOR WIDEBAND TELEPHONE HANDSETS	US	1-Apr-08	7352859	MNC
563 US	SECURITY MONITOR FOR PDA ATTACHED TELEPHONE	US	8-Apr-08	7356835	MNC
458 CA	RESOURCE SHARING WITH SLIDING CONSTRAINTS	CA	6-May-08	2355520	MNC
566 CA	ECHO CANCELLATION/SUPPRESSION AND DOUBLE-TALK DETECTION IN COMMUNICATION PATHS	CA	13-May-08	2453867	MNC
477 US	EXECUTION SETS FOR GENERATED LOGS	US	17-Jun-08	7389340	MNC
607 US	METHOD OF DETECTING AUDIO/VIDEO DEVICES WITHIN A ROOM	US	1-Jul-08	7394366	MNC
601 CA	METHOD OF MEASURING DISTORTION AND DETERMINING RESIDUE-ECHO THRESHOLD IN LOOP START TRUNK CIRCUITS	CA	8-Jul-08	2535662	MNC
509 CA	Split Browser	CA	15-Jul-08	2400139	MNC
554 US	METHOD FOR EXTENDING THE FREQUENCY RANGE OF A BEAMFORMER WITHOUT SPATIAL ALIASING	US	15-Jul-08	7400736	MNC
560 CA	INTERACTIVE CONFLICT RESOLUTION FOR PERSONALIZED POLICY-BASED SERVICES	CA	15-Jul-08	2443337	MNC



FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>577 CA</u>	ENHANCED LANGUAGE SUPPORT FOR LEGACY CALL CONTROL SYSTEM	CA	15-Jul-08	2506927	MNC
<u>573 US</u>	SYSTEM AND METHOD OF SELF-DISCOVERY AND SELF-CALIBRATION IN A VIDEO CONFERENCING SYSTEM	US	22-Jul-08	7403217	MNC
<u>543 US</u>	ARCHITECTURE AND IMPLEMENTATION FOR CONTROL OF CONTEXT AWARE CALL PROCESSING WITH LOCAL FEATURE DEFINITION	US	29-Jul-08	7406170	MNC
<u>528 US</u>	Echo Canceller Employing H-Register and Storage Register	US	5-Aug-08	7408891	MNC
<u>546 US</u>	Separation of presence determination and communication establishment	US	12-Aug-08	7412522	MNC
<u>594 DE</u>	A method and a system to reduce training time of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	DE	13-Aug-08	1722545	MNC
<u>594 EP</u>	A method and a system to reduce training time of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	EP	13-Aug-08	1722545	MNC
<u>594 FR</u>	A method and a system to reduce training time of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	FR	13-Aug-08	1722545	MNC
<u>594 GB</u>	A method and a system to reduce training time of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	GB	13-Aug-08	1722545	MNC
<u>601 DE</u>	Method of measuring distortion and determining residue-echo threshold in loop trunk circuits	DE	13-Aug-08	1691490	MNC
<u>601 EP</u>	Method of measuring distortion and determining residue-echo threshold in loop trunk circuits	EP	13-Aug-08	1691490	MNC
<u>601 FR</u>	Method of measuring distortion and determining residue-echo threshold in loop trunk circuits	FR	13-Aug-08	1691490	MNC
<u>601 GB</u>	Method of measuring distortion and determining residue-echo threshold in loop trunk circuits	GB	13-Aug-08	1691490	MNC
<u>210 US</u>	Method of measuring distortion and determining residue-echo threshold in loop trunk circuits	US	19-Aug-08	7415435	MNC
<u>544 US</u>	ENVIRONMENTS	US	19-Aug-08	7415104	MNC
<u>449 EP</u>	CONTEXT AWARE CALL HANDLING SYSTEM	EP	20-Aug-08	1195977	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>449 FR</u>	<u>Use of handset microphone to enhance speakerphone loudspeakers performance</u>	FR	20-Aug-08	1195977	MNC
<u>449 GB</u>	<u>Use of handset microphone to enhance speakerphone loudspeakers performance</u>	GB	20-Aug-08	1195977	MNC
<u>612 DE</u>	<u>Method and apparatus for retrieving voicemail messages from a client/server network using a mobile device</u>	DE	3-Sep-08	6020060026 07.2	MNC
<u>612 EP</u>	<u>Method and apparatus for retrieving voicemail messages from a client/server network using a mobile device</u>	EP	3-Sep-08	1879371	MNC
<u>612 FR</u>	<u>Method and apparatus for retrieving voicemail messages from a client/server network using a mobile device</u>	FR	3-Sep-08	1879371	MNC
<u>612 UK</u>	<u>Method and apparatus for retrieving voicemail messages from a client/server network using a mobile device</u>	GB	3-Sep-08	1879371	MNC
<u>459CA</u>	<u>TRANSPORT PROTOCOLS FOR APPLICATION PLATFORMS OVER NETWORK PORTALS</u>	CA	9-Sep-08	2369383	MNC
<u>540 CA</u>	<u>PDA to PDA Communications Using a Network Portal</u>	CA	9-Sep-08	2463013	MNC
<u>330 CA</u>	<u>3D View of Incoming Communications</u>	CA	7-Oct-08	2271460	MNC
<u>592 DE</u>	<u>A parallel GSC structure for adaptive beamforming under equalization constraints</u>	DE	22-Oct-08	1596624	MNC
<u>592 EP</u>	<u>A parallel GSC structure for adaptive beamforming under equalization constraints</u>	EP	22-Oct-08	1596624	MNC
<u>592 FR</u>	<u>A parallel GSC structure for adaptive beamforming under equalization constraints</u>	FR	22-Oct-08	1596624	MNC
<u>592 GB1</u>	<u>A parallel GSC structure for adaptive beamforming under equalization constraints</u>	GB	22-Oct-08	1596624	MNC
<u>611 DE</u>	<u>Distributed server network</u>	DE	29-Oct-08	6020050107 23.1	MNC
<u>611 EP</u>	<u>Distributed server network</u>	EP	29-Oct-08	1793558	MNC
<u>611 FR</u>	<u>Distributed server network</u>	FR	29-Oct-08	1793558	MNC
<u>611 GB</u>	<u>Distributed server network</u>	GB	29-Oct-08	1793558	MNC
<u>580 US</u>	<u>LOUDSPEAKER ENCLOSURE INCORPORATING A LEAK TO COMPENSATE FOR THE EFFECT OF ACOUSTIC MODES ON LOUDSPEAKER FREQUENCY RESPONSE</u>	US	9-Dec-08	7461718	
					MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
613 DE	Method, network and IP device for accelerating the propagation of an information concerning a detected server failure	DE	10-Dec-08	1821454	MNC
613 EP	Method, network and IP device for accelerating the propagation of an information concerning a detected server failure	EP	10-Dec-08	1821454	MNC
613 FR	Method, network and IP device for accelerating the propagation of an information concerning a detected server failure	FR	10-Dec-08	1821454	MNC
613 GB	Method, network and IP device for accelerating the propagation of an information concerning a detected server failure	GB	10-Dec-08	1821454	MNC
425.02 US	FEATURE INTERACTION RESOLUTION USING FUZZY RULES	US	23-Dec-08	7469236	MNC
411 US	COMMUNICATION SYSTEM ARCHITECTURE FOR VOICE FIRST COLLABORATION	US	30-Dec-08	7472162	MNC
508.01 US	PRO-ACTIVE FEATURES FOR TELEPHONY	US	30-Dec-08	7471782	MNC
542 US	Privacy and Security Mechanism for Presence Systems with Tuple Spaces	US	30-Dec-08	7472268	MNC
560 DE	Interactive conflict resolution for personalised policy-based services	DE	7-Jan-09	1417710	MNC
560 FR	Interactive conflict resolution for personalised policy-based services	FR	7-Jan-09	1417710	MNC
560 GB2	Interactive conflict resolution for personalised policy-based services	GB	7-Jan-09	1411710	MNC
622 DE	Improved method and apparatus for detecting echo path changes in an acoustic echo canceller	DE	7-Jan-09	1865615	MNC
622 EP	Improved method and apparatus for detecting echo path changes in an acoustic echo canceller	EP	7-Jan-09	1865615	MNC
622 FR	Improved method and apparatus for detecting echo path changes in an acoustic echo canceller	FR	7-Jan-09	1865615	MNC
622 GB	Improved method and apparatus for detecting echo path changes in an acoustic echo canceller	GB	7-Jan-09	1865615	MNC
399 CA	Graphical User Interface and Method for Displaying Messages	CA	14-Jan-09	2297373	MNC
499 DE	Method for handling far-end speech effects in hands-free telephony systems based on acoustic beamforming	DE	14-Jan-09	60137389.8	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>499 EP</u>	Method for handling far-end speech effects in hands-free telephony systems based on acoustic beamforming	EP	14-Jan-09	1195978	MNC
<u>499 FR</u>	Method for handling far-end speech effects in hands-free telephony systems based on acoustic beamforming	FR	14-Jan-09	1195978	MNC
<u>499 GB1</u>	Method for handling far-end speech effects in hands-free telephony systems based on acoustic beamforming	GB	14-Jan-09	1195978	MNC
<u>522 CA</u>	System and Method for Facilitating the Selection	CA	20-Jan-09	2411071	MNC
<u>523 CA</u>	SYSTEM AND METHOD FOR THE SELECTION OF ELECTRONIC SERVICES FROM A SET OF RESOURCES USING INFRARED COMMUNICATION	CA	27-Jan-09	2408126	MNC
<u>323 CA</u>	BI-DIRECTIONAL CONVERSION LIBRARY	CA	3-Feb-09	2247680	MNC
<u>580 DE</u>	Loudspeaker enclosure incorporating a leak to compensate for the effect of acoustic modes on loudspeaker frequency response	DE	11-Feb-09	1542496	MNC
<u>580 FR</u>	Loudspeaker enclosure incorporating a leak to compensate for the effect of acoustic modes on loudspeaker frequency response	FR	11-Feb-09	1542496	MNC
<u>580 GB</u>	Loudspeaker enclosure incorporating a leak to compensate for the effect of acoustic modes on loudspeaker frequency response	GB	11-Feb-09	1542496	MNC
<u>563 DE</u>	Security monitor for PDA attached telephone	DE	11-Mar-09	6020040198 55.2	MNC
<u>563 EP</u>	Security monitor for PDA attached telephone	EP	11-Mar-09	1510989	MNC
<u>563 FR</u>	Security monitor for PDA attached telephone	FR	11-Mar-09	1510989	MNC
<u>563 UK</u>	Security monitor for PDA attached telephone	GB	11-Mar-09	1510989	MNC
<u>469.1 US</u>	MOUSE ENABLED PHONE	US	24-Mar-09	7508934	MNC
<u>577 US</u>	ENHANCED LANGUAGE SUPPORT FOR LEGACY CALL CONTROL SYSTEM	US	24-Mar-09	7508841	MNC
<u>578 US</u>	METHOD FOR DETECTING ECHO PATH CHANGES IN ECHO CANCELLERS	US	24-Mar-09	7508931	MNC
<u>557 US</u>	Role-based presence enabled service for communication system	US	7-Apr-09	7516210	MNC
<u>508 DE</u>	Pro-active features for telephony	DE	15-Apr-09	60231950.1	MNC

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<u>508 EP</u>	<u>Pro-active features for telephony</u>	EP	15-Apr-09	1318657	MNC
<u>508 FR</u>	<u>Pro-active features for telephony</u>	FR	15-Apr-09	1318657	MNC
<u>508 GB</u>	<u>Pro-active features for telephony</u>	GB	15-Apr-09	1318657	MNC
<u>547 US</u>	<u>PERSONALIZABLE AND CUSTOMIZABLE FEATURE EXECUTION FOR TELEPHONY USING OPERATIONAL SEMANTICS AND DEONTIC TASK TREES</u>	US	21-Apr-09	7522710	
<u>334B CA</u>	<u>PROCESSING BY USE OF SYNCHRONISED TUPLE SPACES AND ASSERTIONS</u>	CA	5-May-09	2316549	MNC
<u>540 US</u>	<u>PDA to PDA Communications Using a Network Portal</u>	US	5-May-09	7529227	MNC
<u>593 CA</u>	<u>METHOD OF ADAPTATION STEP CONTROL IN ECHO CANCELLERS</u>	CA	5-May-09	2514434	MNC
<u>527 US</u>	<u>Signaling System</u>	US	19-May-09	7536004	MNC
<u>550 US</u>	<u>Generation of availability indicators from call control policies for presence enabled telephony system</u>	US	19-May-09	7536001	MNC
<u>420B US</u>	<u>Synchronization method and system for keeping track of encoding history...</u>	US	2-Jun-09	7543079	MNC
<u>563 CA</u>	<u>Security monitor for PDA attached telephone</u>	CA	2-Jun-09	2479086	MNC
<u>560 US</u>	<u>Interactive conflict resolution for personalized policy-based services</u>	US	16-Jun-09	7548967	MNC
<u>592 CA</u>	<u>A PARALLEL GSC STRUCTURE FOR ADAPTIVE BEAMFORMING UNDER EQUALIZATION CONSTRAINTS</u>	CA	7-Jul-09	2506439	
<u>482.1 US</u>	<u>Registering an IP phone with an IP phone switch</u>	US	28-Jul-09	7567552	MNC
<u>588 US</u>	<u>METHOD OF DYNAMIC ADAPTION FOR JITTER BUFFERING IN PACKET NETWORKS</u>	US	11-Aug-09	7573894	MNC
<u>470.1 US</u>	<u>Constant current line circuit with class features</u>	US	1-Sep-09	RE40897	MNC
<u>415 CA</u>	<u>TELEPHONE WITH HANDWRITING RECOGNITION</u>	CA	8-Sep-09	2339038	MNC
<u>534 CA</u>	<u>ROBUST TALKER LOCALIZATION IN REVERBERANT ENVIRONMENT</u>	CA	8-Sep-09	2394429	MNC
<u>611 CA</u>	<u>Distributed server network</u>	CA	8-Sep-09	2568697	MNC
<u>460CA</u>	<u>Simple Supplementary Service Protocol (SSSP)</u>	CA	15-Sep-09	2331144	MNC
<u>229B CA</u>	<u>Agent-Based Web Search Engine</u>	CA	29-Sep-09	2265292	MNC
<u>594 CA</u>	<u>A Method to Reduce Training Time of an Acoustic Echo Canceller in a Full-Duplex Beamforming-Based Audio Conferencing System</u>	CA	29-Sep-09	2539798	
					MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
517.01 CA	System and Method for Remote Assembly of Messages to Create a Control Message	CA	6-Oct-09	2584534	MNC
556 CA	IP Device Registration	CA	6-Oct-09	2399979	MNC
585 CA	Universal Microphone Array Stand	CA	6-Oct-09	2499232	MNC
425 CA	Feature Interaction Resolution Using Fuzzy Rules	CA	13-Oct-09	2313497	MNC
491 US	Menu Presentation System	US	13-Oct-09	7602888	MNC
528 CA	Echo Cancellor Employing H-Register and Storage Register	CA	13-Oct-09	2429877	MNC
573 CA	SYSTEM AND METHOD OF SELF-DISCOVERY AND SELF-CALIBRATION IN A VIDEO CONFERENCING SYSTEM	CA	13-Oct-09	2491849	MNC
584 CA	Method and Apparatus for Optimizing Speakerphone Performance Based on Tilt Angle	CA	13-Oct-09	2499249	MNC
460D US	An Endpoint & Method for Display of SSSP & Non-SSSP Information	US	20-Oct-09	7606923	MNC
557 CA	Role-Based Presence Enable Service for Communication System	CA	3-Nov-09	2436102	MNC
573 DE	SYSTEM AND METHOD OF SELF-DISCOVERY AND SELF-CALIBRATION IN A VIDEO CONFERENCING SYSTEM	DE	4-Nov-09	6020040239 15.1	MNC
573 EP	SYSTEM AND METHOD OF SELF-DISCOVERY AND SELF-CALIBRATION IN A VIDEO CONFERENCING SYSTEM	EP	4-Nov-09	1551171	MNC
573 FR	SYSTEM AND METHOD OF SELF-DISCOVERY AND SELF-CALIBRATION IN A VIDEO CONFERENCING SYSTEM	FR	4-Nov-09	1551171	MNC
573 GB	SYSTEM AND METHOD OF SELF-DISCOVERY AND SELF-CALIBRATION IN A VIDEO CONFERENCING SYSTEM	GB	4-Nov-09	1551171	MNC
570 US	A Method for optimal microphone array design under uniform acoustic coupling constraints	US	8-Dec-09	7630502	MNC
574 US	Detecting acoustic echoes using microphone arrays	US	8-Dec-09	7630503	MNC
579 CA	High Precision Beamsteerer Based on Fixed Beamforming Approach to Beam patterns	CA	15-Dec-09	2498444	MNC
587 EP	Method of selecting impedance setting for loop start trunk line	EP	30-Dec-09	1571816	MNC

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<u>367 us</u>	<u>Caching Mechanism to Optimize a Bidding Process used to select resources and services</u>	US	9-Mar-10	7676419	MNC
<u>606 DE</u>	<u>Adaptive coupling equalization in beamforming-based communication systems</u>	DE	24-Mar-10	6020060130 85-6-08	MNC
<u>606 EP</u>	<u>Adaptive coupling equalization in beamforming-based communication systems</u>	EP	24-Mar-10	1777987	MNC
<u>606 FR</u>	<u>Adaptive coupling equalization in beamforming-based communication systems</u>	EP	24-Mar-10	1777987	MNC
<u>606 GB</u>	<u>Adaptive coupling equalization in beamforming-based communication systems</u>	EP	24-Mar-10	1777987	MNC
<u>601 US</u>	<u>Method of measuring distortion and determining residue-echo threshold in loop start trunk circuits</u>	US	6-Apr-10	7693276	MNC
<u>613 CA</u>	<u>Method of Accelerating Control Link Loss Detection</u>	CA	27-Apr-10	2578551	MNC
<u>598 DE</u>	<u>Emergency call routing</u>	DE	5-May-10	6020050210 60.1	MNC
<u>598 EP</u>	<u>E-911 Managed Call Routing</u>	EP	5-May-10	1718053	MNC
<u>598 FR</u>	<u>E-911 Managed Call Routing</u>	FR	5-May-10	1718053	MNC
<u>598 GB</u>	<u>E-911 Managed Call Routing</u>	GB	5-May-10	1718053	MNC
<u>567 US</u>	<u>A Method to reduce acoustic coupling in audio conferencing systems</u>	US	25-May-10	7724891	MNC
<u>584 US</u>	<u>Method and apparatus for optimizing speakerphone performance based on tilt angle</u>	US	25-May-10	7724892	MNC
<u>593 US</u>	<u>Method of adaptation step control in echo cancellers</u>	US	25-May-10	7724893	MNC
<u>558 CA</u>	<u>Remote Policy Assistant with PSTN/Internet interworking for QOS and Enabled Services</u>	US	8-Jun-10	2463565	MNC
<u>587D US</u>	<u>METHOD OF SELECTING IMPEDANCE SETTING FOR LOOP START TRUNK LINE</u>	US	15-Jun-10	7738653	MNC
<u>530 CA</u>	<u>Call Direction Zones for Wireless Communications</u>	CA	29-Jun-10	2447447	MNC
<u>600 US</u>	<u>Early detection system and method for encrypted signals within packet networks</u>	US	29-Jun-10	7747013	MNC
<u>513 DE</u>	<u>Method and apparatus for establishing and maintaining voice communication among a community of interest</u>	DE	30-Jun-10	60333139.4	MNC
<u>513 EP</u>	<u>Method and apparatus for establishing and maintaining voice communication among a community of interest</u>	EP	30-Jun-10	1328109	MNC
<u>513 FR</u>	<u>Method and apparatus for establishing and maintaining voice communication among a community of interest</u>	FR	30-Jun-10	1328109	MNC

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513 GB	Method and apparatus for establishing and maintaining voice communication among a community of interest	GB	30-Jun-10	1328109	MNC
617 CA	Queuing method to coordinate connection attempts to a server	CA	20-Jul-10	2582003	MNC
585 US	Universal Microphone Array Stand	US	17-Aug-10	7778411	MNC
598 US	E-911 Managed Call Routing	US	17-Aug-10	7778406	MNC
608 US	Centralized personal directory scheme for communications networks	US	17-Aug-10	7778400	MNC
673 US	System & Method For Fast Detection of Communication Path Failures	US	17-Aug-10	7778191	MNC
599 US	System an Architecture for the Handling of Shared and Personal Preferences in Call Processing and Presence for IP Telephony and Collaborative Applications	US	24-Aug-10	7783313	
612 CA	Method and Apparatus for Retrieving Voicemail Messages from a Client/Server Network Using a Mobile Device	CA	24-Aug-10	2592657	MNC
552 CA	Availability and Location Predictor Using Call Processing Indications	CA	31-Aug-10	2436067	MNC
623 DE	Beamforming weights conditioning for efficient implementations of broadband beamformers	DE	1-Sep-10	60 2006 016 617.6-08	MNC
623 EP	Beamforming weights conditioning for efficient implementations of broadband beamformers	EP	1-Sep-10	1919251	MNC
623 FR	Beamforming weights conditioning for efficient implementations of broadband beamformers	FR	1-Sep-10	1919251	MNC
623 GB	Beamforming weights conditioning for efficient implementations of broadband beamformers	GB	1-Sep-10	1919251	MNC
576 US	Narrow band tone detection in echo canceling system	US	7-Sep-10	7792280	MNC
579 US	High precision beamsteerer based on fixed beamforming approach beampatterns	US	7-Sep-10	7792313	MNC
542 CA	Privacy and Security Mechanism for Presence Systems with Tuple Spaces	CA	14-Sep-10	2436896	MNC
612 CN	Method and apparatus for retrieving voicemail messages using a mobile device	CN	29-Sep-10	ZL 2007101358	
669 US	Communication Adapter for Endpoint and Thin Client	US	5-Oct-10	D625906	MNC



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596 CA	A method of accelerating the training of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	CA	12-Oct-10	2539143	MNC
609 US	Midspan power delivery system for reduced emissions	US	12-Oct-10	7813501	MNC
622 US	IMPROVED METHOD AND APPARATUS FOR DETECTING ECHO PATH CHANGES IN AN ACOUSTIC ECHO CANCELLER	US	19-Oct-10	7817797	MNC
594 US	A METHOD TO REDUCE TRAINING TIME OF AN ACOUSTIC ECHO CANCELLER IN A FULL-DUPLEX BEAMFORMING-BASED AUDIO CONFERENCING SYSTEM	US	9-Nov-10	7831036	MNC
622 CN	Improved method and apparatus for detecting echo path changes in an acoustic echo canceller	CN	10-Nov-10	ZL 2007101086 27.9	MNC
643 EP	A Virtual Matching Environment For Interfacing a Real Time Operating System Environment with a Native Host Operating System	EP	10-Nov-10	2017733	MNC
643 FR	A Virtual Matching Environment For Interfacing a Real Time Operating System Environment with a Native Host Operating System	FR	10-Nov-10	2017733	MNC
643 GB	A Virtual Matching Environment For Interfacing a Real Time Operating System Environment with a Native Host Operating System	GB	10-Nov-10	2017733	MNC
575 US	MICROPHONE ARRAY WITH PHYSICAL BEAMFORMING USING OMNIDIRECTIONAL MICROPHONES	US	23-Nov-10	7840013	MNC
643 DE	A Virtual Machine Environment for Interfacing a Real Time Operating system Environment with A Native Host Operating System	DE	24-Nov-10	6020080036 22.7-08	MNC
551 CA	Internet Appliance Proxy Protocol to Support Location-Based Services	CA	7-Dec-10	2455469	MNC
607 DE	Method of detecting audio/video devices within a room	DE	8-Dec-10	6020060186 97.5	MNC
607 EP	Method of detecting audio/video devices within a room	EP	8-Dec-10	1786145	MNC
607 FR	Method of detecting audio/video devices within a room	FR	8-Dec-10	1786145	MNC
607 GB	Method of detecting audio/video devices within a room	GB	8-Dec-10	1786145	MNC

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<u>600 CA</u>	<u>Early detection system and method for encrypted signals within packet networks</u>	CA	11-Jan-11	2537083	MNC
<u>561 DE</u>	<u>Method of broadband constant directivity beamforming for non linear and non axi-symmetric sensor arrays embedded in a obstacle</u>	DE	25-Jan-11	603 35 853.5	MNC
<u>561 EP</u>	<u>Method of broadband constant directivity beamforming for non linear and non axi-symmetric sensor arrays embedded in a obstacle</u>	EP	26-Jan-11	1429581	MNC
<u>561 FR</u>	<u>Method of broadband constant directivity beamforming for non linear and non axi-symmetric sensor arrays embedded in a obstacle</u>	FR	26-Jan-11	1429581	MNC
<u>561 GB</u>	<u>Method of broadband constant directivity beamforming for non linear and non axi-symmetric sensor arrays embedded in a obstacle</u>	GB	26-Jan-11	1429581	MNC
<u>441 CA</u>	<u>Common Data Model Including Field Interdependence</u>	CA	1-Feb-11	2324543	MNC
<u>619 CA</u>	<u>Incoming Caller Information on Self Labeling Telephone Keys</u>	CA	8-Feb-11	2590263	MNC
<u>302 DE</u>	<u>Telephony switch configurator</u>	DE	10-Feb-11	19805891	MNC
<u>586 CA</u>	<u>A method for recognizing location move of VOIP phones</u>	CA	1-Mar-11	2503929	MNC
<u>577 EP</u>	<u>Enhanced language support for legacy call control system</u>	EP	9-Mar-11	1603303	MNC
<u>577 FR</u>	<u>Enhanced language support for legacy call control system</u>	FR	9-Mar-11	1603303	MNC
<u>577.1 GB</u>	<u>Enhanced language support for legacy call control system</u>	GB	9-Mar-11	1603303	MNC
<u>578 CA</u>	<u>Method for Detecting Echo Path Changes in Echo Cancellers</u>	CA	12-Apr-11	2494500	MNC
<u>637 US</u>	<u>METHOD FOR ROUTING USER INPUTS BETWEEN APPLICATIONS</u>	US	12-Apr-11	7925734	MNC
<u>641 CA</u>	<u>CONFIGURATION OF IP TELEPHONY AND OTHER SYSTEMS</u>	CA	19-Apr-11	2629697	MNC
<u>653 US</u>	<u>System and Method for Associating Communication Devices</u>	US	3-May-11	7937479	MNC
<u>608 DE</u>	<u>Centralized personal directory scheme for communications networks</u>	DE	11-May-11	6020060218 42.7	MNC

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<u>608 EP</u>	Centralized personal directory scheme for communications networks	EP	11-May-11	1781005	MNC
<u>608 FR</u>	Centralized personal directory scheme for communications networks	FR	11-May-11	1781005	MNC
<u>615 CN</u>	Method for Distributing Connection Attempts to Server	CN	18-May-11	ZL200710145330.x	MNC
<u>534 DE</u>	Robust talker localization in reverberant environment	DE	25-May-11	602401213	MNC
<u>534 EP</u>	Robust talker localization in reverberant environment	EP	25-May-11	1286175	MNC
<u>534 FR</u>	Robust talker localization in reverberant environment	FR	25-May-11	1286175	MNC
<u>534 UK</u>	Robust talker localization in reverberant environment	GB	25-May-11	1286175	MNC
<u>577 DE</u>	Enhanced language support for legacy call control system	DE	31-May-11	602005026746.8	MNC
<u>595 US</u>	Communication Handoff Between Telephone Devices	US	7-Jun-11	7957518	MNC
<u>645 DE</u>	RECORDING CALLS	DE	8-Jun-11	602008007405.6-08	MNC
<u>645 EP</u>	RECORDING CALLS	EP	8-Jun-11	2028830	MNC
<u>645 FR</u>	RECORDING CALLS	FR	8-Jun-11	2028830	MNC
<u>645 UK</u>	RECORDING CALLS	GB	8-Jun-11	2028830	MNC
<u>509.01 CA</u>	Split Browser	CA	14-Jun-11	2625036	MNC
<u>631 CA</u>	System and Method for Facilitating Voice Communication Using Presence Services	CA	14-Jun-11	2609302	MNC
<u>640 US</u>	METHOD AND APPARATUS FOR MAINTAINING A VISUAL APPEARANCE OF AT LEAST ONE WINDOW WHEN A RESOLUTION OF THE SCREEN CHANGES	US	14-Jun-11	7961202	MNC
<u>551 US</u>	Internet appliance proxy protocol to support location-based services	US	21-Jun-11	7966423	MNC
<u>643 CN</u>	A Virtual Matching Environment For Interfacing a Real Time Operating System Environment with a Native Host Operating System	CN	22-Jun-11	ZL200810126878.4	MNC
<u>606 US</u>	Adaptive coupling equalization in beamforming-based communication systems	US	28-Jun-11	7970123	MNC
<u>646 US</u>	Distributed Network Management	US	28-Jun-11	7969872	MNC
<u>659 US</u>	Method, Apparatus and System for Modulating an Application Based on Proximity	US	28-Jun-11	7970911	MNC

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667 US	Communication Endpoint (5302)	US	28-Jun-11	D640664	MNC
668 US	Communication Endpoint (5304)	US	28-Jun-11	D640665	MNC
647 CA	CONFIGURATION OF IP TELEPHONY AND OTHER SYSTEMS	CA	5-Jul-11	2629703	MNC
566 DE	ECHO CANCELLATION/SUPPRESSION AND DOUBLE-TALK DETECTION IN COMMUNICATION PATHS	DE	20-Jul-11	6020040335 21.5	MNC
566 EP	ECHO CANCELLATION/SUPPRESSION AND DOUBLE-TALK DETECTION IN COMMUNICATION PATHS	EP	20-Jul-11	1443674	MNC
566 FR	ECHO CANCELLATION/SUPPRESSION AND DOUBLE-TALK DETECTION IN COMMUNICATION PATHS	FR	20-Jul-11	1443674	MNC
566 GB	ECHO CANCELLATION/SUPPRESSION AND DOUBLE-TALK DETECTION IN COMMUNICATION PATHS	GB	20-Jul-11	7443674	MNC
595 CA	Communication Handoff Between Telephone Devices	CA	26-Jul-11	2573937	MNC
615 CA	Method for Distributing Connection Attempts to a Server	CA	26-Jul-11	2581317	MNC
619 CN	Incoming Caller Information on Self Labeling Telephone Keys	CN	27-Jul-11	ZL 2007101058 23.0	MNC
605 US	Anti-howling structure	US	2-Aug-11	7991146	MNC
622 CA	IMPROVED METHOD AND APPARATUS FOR DETECTING ECHO PATH CHANGES IN AN ACOUSTIC ECHO CANCELLER	CA	2-Aug-11	2590745	MNC
609 CA	Midspan power delivery system for reduced emissions	CA	16-Aug-11	2545525	MNC
584 DE	Method and apparatus for optimizing speakerphone performance based on tilt angle	DE	17-Aug-11	1575250	MNC
584 EP	Method and apparatus for optimizing speakerphone performance based on tilt angle	EP	17-Aug-11	1575250	MNC
584 FR	Method and apparatus for optimizing speakerphone performance based on tilt angle	FR	17-Aug-11	1575250	MNC
584 UK	Method and apparatus for optimizing speakerphone performance based on tilt angle	GB	17-Aug-11	1575250	MNC
638 US	CENTRALIZED POLLING SERVICE	US	23-Aug-11	8006005	MNC

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<u>639 CA</u>	<u>METHOD AND APPARATUS FOR MANAGING A CALL</u>	CA	13-Sep-11	2630180	MNC
<u>608 CA</u>	<u>Centralized personal directory scheme for communications networks</u>	CA	20-Sep-11	2544008	MNC
<u>658 US</u>	<u>Method, System and Apparatus for Locating a Mobile Communications Device</u>	US	20-Sep-11	8023965	MNC
<u>491 DE</u>	<u>Interactive voice response system</u>	DE	28-Sep-11	60241137.8	MNC
<u>491 EP</u>	<u>Interactive voice response system</u>	EP	28-Sep-11	1289244	MNC
<u>491 FR</u>	<u>Interactive voice response system</u>	FR	28-Sep-11	1289244	MNC
<u>491 GB</u>	<u>Interactive voice response system</u>	GB	28-Sep-11	1289244	MNC
<u>542 DE</u>	<u>Privacy and security mechanism for presence systems with tuple spaces</u>	DE	28-Sep-11	60338507.9	MNC
<u>542 EP</u>	<u>Privacy and security mechanism for presence systems with tuple spaces</u>	EP	28-Sep-11	1396975	MNC
<u>542 FR</u>	<u>Privacy and security mechanism for presence systems with tuple spaces</u>	FR	28-Sep-11	1396975	MNC
<u>542 GB</u>	<u>Privacy and security mechanism for presence systems with tuple spaces</u>	GB	28-Sep-11	1396975	MNC
<u>637 CA</u>	<u>METHOD FOR ROUTING USER INPUTS BETWEEN APPLICATIONS</u>	CA	4-Oct-11	2635394	MNC
<u>645 CA</u>	<u>SECURE CALL RECORDING SYSTEM FOR IP TELEPHONY</u>	CA	4-Oct-11	2629847	MNC
<u>588 CA</u>	<u>A Method of Dynamic Adaptation for Jitter Buffering in Packet Networks</u>	CA	11-Oct-11	2457812	MNC
<u>528 DE</u>	<u>Echo Cancellor Employing H-Register and Storage Register</u>	DE	12-Oct-11	60338718.7	MNC
<u>528 EP</u>	<u>Echo Cancellor Employing H-Register and Storage Register</u>	EP	12-Oct-11	1367736	MNC
<u>528 FR</u>	<u>Echo Cancellor Employing H-Register and Storage Register</u>	FR	12-Oct-11	1367736	MNC
<u>528 GB</u>	<u>Echo Cancellor Employing H-Register and Storage Register</u>	GB	12-Oct-11	1367736	MNC
<u>575 DE</u>	<u>Beamforming using omnidirectional microphones in a microphone array</u>	DE	12-Oct-11	6020040347 95.7	MNC
<u>575 EP</u>	<u>Beamforming using omnidirectional microphones in a microphone array</u>	EP	12-Oct-11	1494500	MNC

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<u>575 FR</u>	Beamforming using omnidirectional microphones in a microphone array	FR	12-Oct-11	1494500	MNC
<u>575 GB</u>	Beamforming using omnidirectional microphones in a microphone array	GB	12-Oct-11	1494500	MNC
<u>620 US</u>	Method and apparatus for automatically adjusting reminder volume on a mobile communication device	US	18-Oct-11	8041055	MNC
<u>621 CA</u>	Role Based Programmable Telephone Keys	CA	18-Oct-11	2613799	MNC
<u>633 CA</u>	System and Method for Automatic Call Back Using Availability Information	CA	18-Oct-11	2625724	MNC
<u>588 DE</u>	Method of dynamic adaptation for jitter buffering in packet networks	DE	26-Oct-11	6020040349	MNC
<u>588 EP</u>	Method of dynamic adaptation for jitter buffering in packet networks	EP	26-Oct-11	88.7	MNC
<u>588 FR</u>	Method of dynamic adaptation for jitter buffering in packet networks	FR	26-Oct-11	1564935	MNC
<u>588 GB</u>	Method of dynamic adaptation for jitter buffering in packet networks	GB	26-Oct-11	1564935	MNC
<u>604.01 US</u>	METHOD AND SYSTEM FOR GENERATING PROSPECTIVE ABILITY DATA	US	15-Nov-11	8060459	MNC
<u>621 US</u>	Role Based Programmable Telephone Keys	US	15-Nov-11	8059810	MNC
<u>570 DE</u>	A method for optimal microphone array design under uniform acoustic coupling constraints	DE	16-Nov-11	6020040352	MNC
<u>570 EP</u>	A method for optimal microphone array design under uniform acoustic coupling constraints	EP	16-Nov-11	1517581	MNC
<u>570 FR</u>	A method for optimal microphone array design under uniform acoustic coupling constraints	FR	16-Nov-11	1517581	MNC
<u>570 GB1</u>	A method for optimal microphone array design under uniform acoustic coupling constraints	GB	16-Nov-11	1517581	MNC
<u>617 CN</u>	Queueing method to coordinate connection attempts to a server	CN	16-Nov-11	ZL20071014	MNC
<u>645 CN</u>	SECURE CALL RECORDING SYSTEM FOR IP TELEPHONY	CN	16-Nov-11	ZL20081013	MNC
<u>653 DE</u>	SYSTEM AND METHOD FOR ASSOCIATING COMMUNICATION DEVICES	DE	16-Nov-11	6020080113	MNC
<u>653 EP</u>	SYSTEM AND METHOD FOR ASSOCIATING COMMUNICATION DEVICES	EP	16-Nov-11	2077656	MNC

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653 FR	SYSTEM AND METHOD FOR ASSOCIATING COMMUNICATION DEVICES	FR	16-Nov-11	2077656	MNC
653 UK	SYSTEM AND METHOD FOR ASSOCIATING COMMUNICATION DEVICES	GB	16-Nov-11	2077656	MNC
543.01 US	ARCHITECTURE AND IMPLEMENTATION FOR CONTROL OF CONTEXT AWARE CALL PROCESSING WITH LOCAL FEATURE DEFINITION	US	22-Nov-11	8064585	MNC
606 CA	Adaptive coupling equalization in beamforming-based communication systems	CA	22-Nov-11	2559668	MNC
612 US	Method and Apparatus for Retrieving Voicemail Messages from a Client/Server Network Using a Mobile Device	US	22-Nov-11	8064577	MNC
636 CA	METHOD OF CONFIGURING TELEPHONE SOFTKEYS	CA	22-Nov-11	2635103	MNC
550 DE	Generation of availability indicators from call control policies for presence enabled telephony system	DE	30-Nov-11	60339247.4	MNC
550 EP	Generation of availability indicators from call control policies for presence enabled telephony system	EP	30-Nov-11	1389867	MNC
550 GB	Generation of availability indicators from call control policies for presence enabled telephony system	GB	30-Nov-11	1389867	MNC
595 CN	Communication Handoff Between Telephone Devices	CN	30-Nov-11	ZL 2007101272 83.6	MNC
624 CN	Delayed adaptation structure for improved double-talk immunity in echo cancellation devices	CN	7-Dec-11	ZL20071014 3219.7	MNC
550 FR	Generation of availability indicators from call control policies for presence enabled telephony system	FR	8-Dec-11	1389867	MNC
611 CN	Distributed Server Network	CN	21-Dec-11	ZL 2007101096 32.1	MNC
576 CA	Narrow band tone detection in echo cancelling system	CA	3-Jan-12	2494386	MNC
578 DE	Method for detecting echo path changes in echo cancellers	DE	11-Jan-12	1560348	MNC
578 EP	Method for detecting echo path changes in echo cancellers	EP	11-Jan-12	1560348	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
578 FR	Method for detecting echo path changes in echo cancellers	FR	11-Jan-12	1560348	MNC
578.0 GB	Method for detecting echo path changes in echo cancellers	GB	11-Jan-12	1560348	MNC
618 CN	Method for sharing resources over a network	CN	11-Jan-12	ZL 2007101452	
				31.1	MNC
646 CA	DISTRIBUTED NETWORK MANAGEMENT	CA	17-Jan-12	2614277	MNC
678 DE	Power Management in Internet Protocol (IP) Telephone	DE	18-Jan-12	6020100006	
				64.6	MNC
678 EU	Power Management in Internet Protocol (IP) Telephone	EP	18-Jan-12	2262207	MNC
678 FR	Power Management in Internet Protocol (IP) Telephone	FR	18-Jan-12	2262207	MNC
678 UK	Power Management in Internet Protocol (IP) Telephone	GB	18-Jan-12	2262207	MNC
466 US	VOICE ACTIVATED LANGUAGE TRANSLATION	US	24-Jan-12	8103508	MNC
552.01 US	Availability and Location Predictor using call processing indications	US	24-Jan-12	8102983	MNC
549 DE	Audio Earpiece for Wideband Telephone Handsets	DE	25-Jan-12	60339817	MNC
549 EP	Audio Earpiece for Wideband Telephone Handsets	EP	25-Jan-12	1372352	MNC
549 FR	Audio Earpiece for Wideband Telephone Handsets	FR	25-Jan-12	1372352	MNC
549 GB	Audio Earpiece for Wideband Telephone Handsets	GB	25-Jan-12	1372352	MNC
613 CN	Method of Accelerating Control Link Loss Detection	CN	8-Feb-12	ZL 2007101452	
				30.7	MNC
532 DE	Line Echo Cancellation System	DE	15-Feb-12	60340003.5	MNC
532 EP	Line Echo Cancellation System	EP	15-Feb-12	1367737	MNC
532 FR	Line Echo Cancellation System	FR	15-Feb-12	1367737	MNC
532 GB	Line Echo Cancellation System	GB	15-Feb-12	1367737	MNC
636 DE	METHOD OF CONFIGURING TELEPHONE SOFTKEYS	DE	7-Mar-12	6020080138	
				74.7	MNC
636 EP	METHOD OF CONFIGURING TELEPHONE SOFTKEYS	EP	7-Mar-12	2061220	MNC
636 FR	METHOD OF CONFIGURING TELEPHONE SOFTKEYS	FR	7-Mar-12	2061220	MNC



FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
636 GB	METHOD OF CONFIGURING TELEPHONE SOFTKEYS	GB	7-Mar-12	2061220	MNC
559 CA	Asymmetrical Loudspeaker Enclosures with Enhanced Low Frequency Response	CA	13-Mar-12	2442180	MNC
649 US	Method and Apparatus For Identifying Occurrences of a Given Network Address	US	13-Mar-12	8135783	MNC
653 CA	SYSTEM AND METHOD FOR ASSOCIATING COMMUNICATION DEVICES	CA	20-Mar-12	2637085	MNC
643 US	A Virtual Machine Environment for Interfacing a Real Time Operating system Environment with A Native Host Operating System	US	27-Mar-12	8146107	MNC
565 DE	CAPTURING CONSTANT ECHO PATH	DE	4-Apr-12	60340467.7	MNC
565 EP	CAPTURING CONSTANT ECHO PATH	EP	4-Apr-12	1424846	MNC
565 FR	CAPTURING CONSTANT ECHO PATH	FR	4-Apr-12	1424846	MNC
565 GB	CAPTURING CONSTANT ECHO PATH	GB	4-Apr-12	1424846	MNC
600 DE	Early detection system and method for encrypted signals within packet networks	DE	11-Apr-12	6020060287 19.4	MNC
600 EP	Early detection system and method for encrypted signals within packet networks	EP	11-Apr-12	1696632	MNC
600 FR	Early detection system and method for encrypted signals within packet networks	FR	11-Apr-12	1696632	MNC
600 GB	Early detection system and method for encrypted signals within packet networks	GB	11-Apr-12	1696632	MNC
604 CA	Method and System for Generating Prospective Ability Data	CA	24-Apr-12	2636687	MNC
672 US	An Integrated Thin Client and Telephone	US	8-May-12	8175263	MNC
629 US	Delayed Cell Phone Call Retrieval When Operating a Motor	US	15-May-12	8180026	MNC
633 US	System and Method for Automatic Call Back Using Availability Information	US	29-May-12	8189759	MNC
617 US	Client/Server Queueing Method to Coordinate Connection Attempts to a Server	US	5-Jun-12	8194644	MNC
658 CA	METHOD SYSTEM AND APPARATUS FOR LOCATING A MOBILE COMMUNICATIONS DEVICE	CA	5-Jun-12	2635959	MNC
605 CA	Anti-howling structure	CA	12-Jun-12	2545551	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
659 DE	METHOD, APPARATUS AND SYSTEM FOR MODULATING AN APPLICATION BASED ON PROXIMITY	DE	13-Jun-12	6020080162 83.4	MNC
659 EP	METHOD, APPARATUS AND SYSTEM FOR MODULATING AN APPLICATION BASED ON PROXIMITY	EP	13-Jun-12	2077654	MNC
659 FR	METHOD, APPARATUS AND SYSTEM FOR MODULATING AN APPLICATION BASED ON PROXIMITY	FR	13-Jun-12	2077654	MNC
659 GB	METHOD, APPARATUS AND SYSTEM FOR MODULATING AN APPLICATION BASED ON PROXIMITY	GB	13-Jun-12	2077654	MNC
629 CN	Method and Apparatus for Managing a Call	CN	27-Jun-12	ZL 2008101260 40.5	MNC
596 US	A method of accelerating the training of an acoustic echo canceller in a full-duplex beamforming-based audio conferencing system	US	3-Jul-12	8213596	MNC
632 US	System and Method for Storing a Program Using Partial Compression	US	3-Jul-12	8214425	MNC
624 CA	Delayed Adaptation Structure for Improved Double-Talk Immunity in Echo Cancellation Devices	CA	10-Jul-12	2596028	MNC
598 CA	E-911 Managed Call Routing	CA	31-Jul-12	2541287	MNC
641 CN	CONFIGURATION OF IP TELEPHONY AND OTHER SYSTEMS	CN	5-Sep-12	ZL 2008101275 91.3	MNC
624 US	Delayed Adaptation Structure for Improved Double-Talk Immunity in Echo Cancellation Devices	US	11-Sep-12	8265263	MNC
624 DE	Delayed adaptation structure for improved double-talk immunity in echo cancellation devices	DE	19-Sep-12	1887708	MNC
624 EP	Delayed adaptation structure for improved double-talk immunity in echo cancellation devices	EP	19-Sep-12	1887708	MNC
624 FR	Delayed adaptation structure for improved double-talk immunity in echo cancellation devices	FR	19-Sep-12	1887708	MNC
624 GB	Delayed adaptation structure for improved double-talk immunity in echo cancellation devices	GB	19-Sep-12	1887708	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>574 DE</u>	Detecting acoustic echoes using microphone arrays	DE	3-Oct-12	6020040395 16.1	MNC
<u>574 EU</u>	Detecting acoustic echoes using microphone arrays	EP	3-Oct-12	1526755	MNC
<u>574 FR</u>	Detecting acoustic echoes using microphone arrays	FR	3-Oct-12	1526755	MNC
<u>574 GB</u>	Detecting acoustic echoes using microphone arrays	GB	3-Oct-12	1526755	MNC
<u>633 CN</u>	System and Method for Automatic Call Back Using Availability Information	CN	3-Oct-12	ZL20081012 5249.X	MNC
<u>647 CN</u>	CONFIGURATION OF IP TELEPHONY AND OTHER SYSTEMS	CN	24-Oct-12	ZL 2008101305 65.6	MNC
<u>533 DE</u>	Device for reducing structural-acoustical coupling between the diaphragm vibration field and the enclosure acoustic modes	DE	31-Oct-12	1313349	MNC
<u>533 EU</u>	Device for reducing structural-acoustical coupling between the diaphragm vibration field and the enclosure acoustic modes	EP	31-Oct-12	1313349	MNC
<u>533 FR</u>	Device for reducing structural-acoustical coupling between the diaphragm vibration field and the enclosure acoustic modes	FR	31-Oct-12	1313349	MNC
<u>533 GB</u>	Device for reducing structural-acoustical coupling between the diaphragm vibration field and the enclosure acoustic modes	GB	31-Oct-12	1313349	MNC
<u>646 DE</u>	DISTRIBUTED NETWORK MANAGEMENT	DE	31-Oct-12	6020080197 23.9	MNC
<u>646 EU</u>	DISTRIBUTED NETWORK MANAGEMENT	EP	31-Oct-12	2019523	MNC
<u>646 FR</u>	DISTRIBUTED NETWORK MANAGEMENT	FR	31-Oct-12	2019523	MNC
<u>646 GB</u>	DISTRIBUTED NETWORK MANAGEMENT	GB	31-Oct-12	6020080197 23.9	MNC
<u>634 CA</u>	SYSTEM AND METHOD FOR MEDIATION OF USER ATTENTION FOR PRESENTATIONAL MEDIA	CA	6-Nov-12	2619197	MNC
<u>554 DE</u>	Method for extending the frequency range of a beamformer without spatial aliasing	DE	7-Nov-12	1432280	MNC
<u>554 EU</u>	Method for extending the frequency range of a beamformer without spatial aliasing	EP	7-Nov-12	1432280	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>554 FR</u>	Method for extending the frequency range of a beamformer without spatial aliasing	FR	7-Nov-12	1432280	MNC
<u>554 GB</u>	Method for extending the frequency range of a beamformer without spatial aliasing	GB	7-Nov-12	1432280	MNC
<u>543 CA</u>	Architecture and Implementation for Control of Context Aware call Processing With.. Definition	CA	13-Nov-12	2436075	MNC
<u>607 CA</u>	METHOD OF DETECTING AUDIO/VIDEO DEVICES WITHIN A ROOM	CA	13-Nov-12	2559655	MNC
<u>576 DE</u>	Narrow band tone detection	DE	14-Nov-12	1560441	MNC
<u>576 EU</u>	Narrow band tone detection	EP	14-Nov-12	1560441	MNC
<u>576 FR</u>	Narrow band tone detection	FR	14-Nov-12	1560441	MNC
<u>576 GB</u>	Narrow band tone detection	GB	14-Nov-12	1560441	MNC
<u>644 CN</u>	NETWORK TRAFFIC MANAGEMENT	CN	14-Nov-12	ZL20081013	MNC
<u>658 DE</u>	Method, System and Apparatus for Locating a Mobile Communications Device	DE	14-Nov-12	6020080200	MNC
<u>658 EU</u>	Method, System and Apparatus for Locating a Mobile Communications Device	EP	14-Nov-12	2119863	MNC
<u>658 FR</u>	Method, System and Apparatus for Locating a Mobile Communications Device	FR	14-Nov-12	2116863	MNC
<u>658 GB</u>	Method, System and Apparatus for Locating a Mobile Communications Device	GB	14-Nov-12	2116863	MNC
<u>718 US</u>	Automatic Key Programming	US	20-Nov-12	8315371	MNC
<u>640 CA</u>	METHOD AND APPARATUS FOR MAINTAINING A VISUAL APPEARANCE OF AT LEAST ONE WINDOW WHEN A RESOLUTION OF THE SCREEN CHANGES	CA	11-Dec-12	2630238	MNC
<u>593 EP</u>	Method of adaptive step control in echo cancellers	EP	12-Dec-12	1624590	MNC
<u>593DE</u>	Method of adaptive step control in echo cancellers	DE	12-Dec-12	1624590	MNC
<u>593FR</u>	Method of adaptive step control in echo cancellers	FR	12-Dec-12	1624590	MNC
<u>593UK</u>	Method of adaptive step control in echo cancellers	GB	12-Dec-12	1624590	MNC
<u>726 01 US</u>	Fast Detection and Reliable Recovery on Link and Server Failures in a Dual Link Telephony Server Architecture	US	1-Jan-13	8345840	MNC
<u>708 US</u>	Presentational System & Method for IP Telephone and Other Devices	US	15-Jan-13	8356071	MNC

FILE NUMBER	TITLE	CO.	GRANT DATE	PATENT NUMBER	PATENT OWNER
<u>631 DE</u>	System and Method for Facilitating Voice Communication Using Presence Services	DE	23-Jan-13	6020070281 91.1	MNC
<u>631 EP</u>	System and Method for Facilitating Voice Communication Using Presence Services	EP	23-Jan-13	1959658	MNC
<u>631 FR</u>	System and Method for Facilitating Voice Communication Using Presence Services	FR	23-Jan-13	1959658	MNC
<u>631 GB</u>	System and Method for Facilitating Voice Communication Using Presence Services	GB	23-Jan-13	1959658	MNC
<u>701 US</u>	SYSTEM AND METHOD FOR PROVIDING CALLED PARTY AWARENESS INFORMATION	US	12-Mar-13	8396460	MNC
<u>666 US</u>	System and Method for Transition of Association Between Communication Devices	US	12-Feb-13	8374169	MNC
<u>LK-0202 GB</u>	A private branch exchange and a method for selectively communicating the central processing unit with respective modules in the private branch exchange	GB	14-Dec-05	2391423	MNC
<u>LK-0301 GB</u>	A detecting circuit for detecting the presence of a headset	GB	23-Mar-05	2391424	MNC
<u>LK-9601 GB</u>	A COMMUNICATING CIRCUIT	GB	21-Apr-99	2299243	MNC
<u>LK-9701 GB</u>	A line voltage monitoring circuit	GB	29-May-02	2325113	MNC
<u>LK-9702 GB</u>	A synchronising circuit for a PBX for synchronising a PCM clock signal with basic rate ISDN network signals	GB	31-Jul-02	2329093	MNC
<u>S163B CA</u>	DOUBLE-TALK AND PATH CHANGE DETECTION USING A MATRIX OF CORRELATION COEFFICIENTS	CA	22-Jun-10	2402511	MNC

Owner- MITEL NETWORKS CORP

Mitel Ref.	Application No.	Application Filing Date	Title
589	11/483,893	7/10/2006	DYNAMIC MAILBOX SIZE CONFIGURATION BY SELF-MODIFICATION BASED ON HISTORICAL BEHAVIOUR
613	11/674,771	2/14/2007	METHOD OF ACCELERATING CONTROL LINK LOSS DETECTION
615	11/682,932	3/7/2007	METHOD FOR DISTRIBUTING CONNECTION ATTEMPTS TO A SERVER
616	11/608,470	12/8/2006	SYSTEM FOR CONDITIONING ECHO RESPONSE OF LOOP START TRUNK LINE
618	11/675,197	2/15/2007	METHOD FOR SHARING RESOURCES OVER A NETWORK
619	11/753,696	5/25/2007	INCOMING CALLER INFORMATION ON SELF LABELING TELEPHONE KEYS
628	11/681,609	3/2/2007	GRAPHICAL USER INTERFACE FOR TELEPHONY DEVICE
630	11/680,811	3/1/2007	SYSTEM AND METHOD FOR CALL INITIATION USING AVAILABILITY INFORMATION
631	11/674,793	2/14/2007	SYSTEM AND METHOD FOR FACILITATING VOICE COMMUNICATION USING PRESENCE SERVICES
634	11/680,853	3/1/2007	SYSTEM AND METHOD FOR MEDIATION OF USER ATTENTION FOR PRESENTATIONAL MEDIA
636	11/985,797	11/16/2007	METHOD OF CONFIGURING TELEPHONE SOFTKEYS
639	11/981,970	10/30/2007	METHOD AND APPARATUS FOR MANAGING A CALL

641	11/774,352	7/6/2007	Owner- MITEL NETWORKS CORP CONFIGURATION OF IP TELEPHONY AND OTHER SYSTEMS
644	11/781,352	7/23/2007	NETWORK TRAFFIC MANAGEMENT
645	11/890,887	8/8/2007	SECURE CALL RECORDING SYSTEM FOR IP TELEPHONY
647	11/781,319	7/23/2007	CONFIGURATION OF IP TELEPHONY AND OTHER SYSTEMS
651	12/002,167	12/14/2007	A METHOD OF PROVIDING CONTEXT AWARE ANNOUNCEMENTS (CIP 544)
654	12/082,904	4/15/2008	METHOD, SYSTEM AND APPARATUS FOR REQUESTING CONFIRMATION OF A COMMUNICATION HANDLING RULE CHANGE
656	12/079,519	3/27/2008	METHOD, SYSTEM AND APPARATUS FOR MANAGING CONTEXT (676 & 663 CHILD)
660	12/284,305	9/19/2008	METHOD AND APPARATUS FOR PROVISIONING A COMMUNICATION DEVICE
662	12/657,138	1/13/2010	SYSTEM & METHOD FOR PLACING A PHONE CALL THROUGH A SELECTED TELECOMMUNICATION NETWORK (61/205,946 FILED 1/26/09)
663	12/217,074	6/30/2008	METHOD, SYSTEM AND APPARATUS FOR MANAGING CONTEXT (CIP 656; CHILD 676)
664	12/322,804	2/6/2009	CONFIGURATION OF IP TELEPHONY AND OTHER SYSTEMS (CIP 647)
665	12/316,484	12/12/2008	METHOD AND APPARATUS FOR MANAGING VOICEMAIL IN A COMMUNICATION SESSION
670	12/456,782	6/22/2009	METHOD, SYSTEM & APPARATUS FOR ENHANCED DIGITAL VOICE CALL INITIATION BETWEEN A CALLING TELEPHONY DEVICE AND A CALLED TELEPHONY DEVICE
674	12/383,719	3/26/2009	SYSTEM & METHOD FOR DISPLAYING A CALLED PARTY CALENDAR ON VOIP DISPLAY

675	12/381,362	3/11/2009	Owner- MITEL NETWORKS CORP SYSTEM & METHOD FOR ACCESSING INTERNET PROTOCOL PHONE BASED APPLICATIONS
676	12/653,389	12/11/2009	M, S & A FOR ASSEMBLING DATA ASSOCIATED WITH AN EMERGENCY CALL EVENT (663 PARENT)
677	12/456,670	6/18/2009	METHOD, SYSTEM & APPARATUS FOR STORING VOICEMAIL
678	12/455,909	6/8/2009	POWER MANAGEMENT IN INTERNET PROTOCOL (IP) TELEPHONE
679	12/584,371	9/3/2009	METHOD & APPARATUS FOR FORWARDING VOICEMAIL
680	12/583,343	8/18/2009	DEVICE & METHOD FOR PREVENTING ION BUILDUP IN LCD
681	12/587,668	10/10/2009	SYSTEM & METHOD FOR LOCATION DETECTION & MANAGEMENT OF UNCERTAIN INFORMATION THEREOF
682	12/798,968	4/15/2010	PROXIMITY SCRIPTING
683	12/798,991	4/15/2010	EXTENDED HOT DESKING FEATURE FOR MULTI-DEVICE USERS
684	12/459,739	7/6/2009	SYSTEM & METHOD FOR ARRANGING A MEETING TIME FOR A COMMUNTER WITH A TRANSMIT SYSTEM
685	12/798,650	4/8/2010	ENHANCED SYSTEM OPERATION BY VIRTUALIZATION
686	12/798,978	4/15/2010	EXTENDED CASCADED RINGING
688	12/592,455	11/24/2009	METHOD & SYSTEM FOR TRANSMITTING CALLER IDENTIFICATION INFORMATION IN A CONFERENCE CALL
689	12/586,148	9/16/2009	SYSTEM & METHOD FOR CASCADED TELECONFERENCE



691	12/592,461	11/24/2009	Owner- MITEL NETWORKS CORP POWER MANAGEMENT SYSTEM & METHOD FOR MOBILE APPLICATIONS USING LOCATION BASED SERVICES
692	12/589,958	10/30/2009	SYSTEM & METHOD FOR COMMUNICATING GUEST PREFERENCES TO A TELEPHONY DEVICE
693	12/653,289	12/11/2009	SYSTEM & METHOD FOR CREATION & MANAGEMENT OF LOCATION INFORMATION (CHILD OF 681)
695	12/661,941	3/25/2010	LOCATION BASED CALL ROUTING
696	12/658,422	2/8/2010	DESKTOP MOBILE INFORMATION PROVIDER
697	12/657,951	1/30/2010	SYSTEM & METHOD FOR DETERMINING AVAILABILITY OF A GROUP TO COMMUNICATE WITH A USER (687-61/212,827 FILED 4/16/09)
698	12/802,315	6/4/2010	ACCESS MEDIATION WITH PRESENCE AWARE CALL PURPOSE ANNOUNCEMENTS
699	12/800,408	5/14/2010	DIAL BY SPECIALITY SERVICES & MANAGEMENT THEREOF
700	12/802,341	6/4/2010	METHOD OF & SYSTEM FOR ADVISING LEVEL OF AVAILABILITY IN A DIGITAL COMMUNICATION
702	12/800,410	5/14/2010	METHOD & APPARATUS FOR CALLHANDLING
704	12/798,414	3/31/2010	S, A & M FOR ACCESSING SCHEDULING INFORMATION
705	12/802,360	6/4/2010	METHOD & APPARATUS FOR SHARING USER SERVICE CLASSES
706	12/803,402	6/25/2010	CODE GENERATION THROUGH METADTA PROGRAMMING
707	12/804,885	7/30/2010	WORLD CLOCK ENABLING TIME ZONE SENSITIVE APPLICATIONS

## MITEL US PENDING PATENT APPLICATIONS

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710	12/925,918	11/1/2010	Owner- MITEL NETWORKS CORP SYSTEM FOR ESTABLISHING PUBLICALLY ACCESSIBLE TELEPHONE NUMBERS & METHODS THEREOF
711	12/925,917	11/1/2010	AUTOMATIC POPULATION OF FEATURE CAPABILITIES ON A COMMUNICATION DEVICE
713	12/928,399	12/10/2010	METHOD & SYSTEM FOR AUDIO-VIDEO COMMUNICATIONS
714	12/924,845	10/6/2010	DIGITAL TELEPHONY DISTRESSED SOUND DETECTION
715	12/928,856	12/20/2010	MOBILE PHONE WALKAWAY PREVENTION
716	12/807,436	9/2/2010	WIRELESS EXTENSIONS FOR A CONFERENCE UNIT & METHODS THEREOF
717	12/925,919	11/1/2010	CALL AUTHORIZATION FEATURE
719	12/925,481	10/22/2010	INCOMING CALL REDIRECTION
721	12/928,768	12/16/2010	METHOD & SYSTEM FOR AUDIO-VIDEO COMMUNICATIONS
723	12/928,387	12/10/2010	PARTIAL FAULT TOLERANCE IN AN EMBEDDED APPLIANCE
723.01	12/932,005	2/14/2011	HARDWARE TURNKEY MOBILITY
726	12/927,814	11/23/2010	REGISTERING AN INTERNET PROTOCOL IN A DUAL LINK ARCHITECTURE
728	13/068,140	5/2/2011	REGULATING USE OF AMOBILE COMPUTING DEVICE FOR A USER AT A SELECTED LOCATION
731	12/927,992	11/30/2010	DYNAMIC DIGIT MAPPING BASED ON A CONNECTED PARTY & METHODS THEREOF

732	12/930,450	1/7/2011	Owner- MITEL NETWORKS CORP CALL PROCESSING TELECOMMUNICATIONS SYSTEM & METHODS THEREOF IN A WIFI NETWORK
736	12/928,834	12/20/2010	CALL LOCALIZATION SYSTEM & METHODS
737	12/928,388	12/10/2010	WEB BASED DESKTOP ENVIRONMENT
737.01	13/065,524	3/22/2011	APPLICATION OPERATING ENVIRONMENT FOR MOBILE COMPUTING DEVICES
738	12/928,959	12/23/2010	SERVICE AWARE VIRTUALIZATION
738.01	12/928,973	12/23/2010	CONDUCTING AN APPLICATION-AWARE TEST IN A VIRTUAL ENVIRONMENT
738.02	12/928,971	12/23/2010	BULK DATA MANAGEMENT IN A VIRTUAL ENVIRONMENT
738.03	12/928,991	12/23/2010	OBTAINING DIAGNOSTIC INFORMATION IN A VIRTUAL ENVIRONMENT
739	12/932,203	2/18/2011	SYSTEM FOR UPDATING PRESENTATIONS ON MOBILE DEVICES
740	12/931,282	1/28/2011	ECHO SUPPRESSION FOR WIRELESS HANDSETS & HEADSETS
742	12/932,764	3/4/2011	HOST MODE FOR AN AUDIO CONFERENCE PHONE
743	12/931,814	2/11/2011	SYSTEM & METHOD FOR REPLACING RECHARGEABLE BATTERIES (POLARIS)
744	13/066,082	4/4/2011	MOBILE SPEECH ATTENDANT ACCESS
746	12/930,481	1/6/2011	CONTEXTUAL APPLICATION LAUNCH VIA SEARCH QUERY

## MITEL US PENDING PATENT APPLICATIONS

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746.01	12/930,482	1/6/2011	Owner- MITEL NETWORKS CORP RANGE PROGRAMMING USING A SEARCH QUERY
748	12/932,942	3/9/2011	STATUS CONFLICT RESOLUTION IN INTEGRATED COMMUNICATION SYSTEM & METHODS THEREOF
749	13/065,143	3/15/2011	SYSTEM & METHOD FOR MULTIMODAL COMMUNICATIONS
750	29/372,682	12/22/2010	COMMUNICATIONS APPLIANCE (3250 DESIGN PATENT)
751	13/065,611	3/25/2011	COMMUNICATION SYSTEM TO LOCALIZE DEVICES & METHODS THEREOF
753	13/066,634	4/18/2011	SYSTEM & METHOD OF INTELLIGENT DATA SHARING FOR ADVANCED FEATURES SHARING ON MOBILE PLATFORMS
754	13/068,170	5/3/2011	COLLABORATION APPLIANCE & METHODS THEREOF (POLARIS)
758	13/065,948	3/31/2011	SYSTEM GRANTING ACCESS TO APPLICATION DATA & METHODS THEREOF
759	13/373463	11/14/2011	SOFTWARE LICENSING IN A VIRTUALIZATION ENVIRONMENT (PRIORITY TO PROV 61/463578 FILED 2/18/11)
760	29/373659	5/6/2011	COLLABORATION & CONFERENCE APPLIANCE (POLARIS DESIGN)
763	13/134916	6/17/2011	SYSTEM PROVIDING RELEVANT SERVICES TO TRANSIENT DEVICES IN WIRELESS NETWORKS & METHODS THEREOF
765	13/135998	7/19/2011	SYSTEM & METHOD FOR DETERMINING NETWORK RELATIONSHIP BETWEEN MOBILE DEVICES
766	13/135976	7/19/2011	CONTEXT AWARE APPLICATIONS AND METHODS
767	13/134706	6/14/2011	PROVIDING RESILIENT DIGITAL TELEPHONY SERVICES FOR WIRELESS DEVICES

768	13/068487	5/11/2011	QUICK DIRECTORY SEARCH SYSTEM ON A TOUCH SCREEN DEVICE & METHODS THEREOF (POLARIS)
769	13/317962	10/31/2011	INTELLIGENT CALLING PATTERN RECOGNITION & ADAPTIVE USER DIALING INTERFACES (CIP 621)
770	13/199336	8/25/2011	ADJUSTING AN AUDIO NOTIFICATION MODE OF A MOBILE COMPUTING DEVICE
772	13/134922	6/21/2011	CONFERENCE CALL USER INTERFACE & METHODS THEREOF
773	13/134707	6/14/2011	CENTRALIZED BLUETOOTH DEVICE PAIRING (POLARIS)
774	13/134396	6/6/2011	PROXIMITY SESSION MOBILITY
776	13/134923	6/21/2011	CONFERENCING & COLLABORATION SYSTEMS & METHODS THEREOF (POLARIS)
777	13/135583	7/7/2011	COLLABORATION PRIVACY
780	13/136253	7/26/2011	SYSTEM & METHOD FOR SHORT RANGE ELECTRONIC COMMUNICATIONS
782	13/200791	9/30/2011	COMMUNICATION SYSTEM INCLUDING OPTICAL RECOGNITION & METHOD OF USING SAME
783	13/136349	7/29/2011	SYSTEM FOR DYNAMIC ASSIGNMENT OF MOBILE SUBSCRIBER IDENTITIES & METHODS THEREOF
784	13/317088	10/8/2011	SYSTEM FOR DISTRIBUTING VIDEO CONFERENCE RESOURCES AMONG CONNECTED PARTIES & METHODS THEREOF
786	13/374075	12/9/2011	EMBEDDING ACTIVE CONTEXTUAL INFORMATION IN A MESSAGE
787	13/317478	10/18/2011	SEAMLESS INTERWORKING OF CALL BETWEEN AUTONOMOUS SYSTEMS

789	13/374395	12/27/2011	Owner- MITEL NETWORKS CORP APPLICATION LEVEL ADDMISSION OVERLOAD CONTROL (IN 5000)
790	13/373610	11/21/2011	MEDIA DELIVERY BY PREFERRED COMMUNICATION FORMAT
791	13/356125	1/23/2012	PROXIMITY SESSION MOBILITY (CIP 774)
792	13/373661	11/25/2011	TEMPORARY CALLBACK SYSTEM FOR EMERGENCY CALLS & METHODS THEREOF
794	13/374153	12/14/2011	VISUAL FEEDBACK OF AUDIO INPUT LEVEL (POLARIS)
799	13/374073	12/9/2011	SYSTEM FACILITATING MEETING DEVICE & METHODS THEREOF
800	13/422452	3/16/2012	METHOD & SYSTEM FOR USER AUTHENTICATION OVER A COMMUNICATION NETWORK
801	13/422200	3/16/2012	METHOD & SYSTEM FOR TRANSFERRING MOBILE DEVICE CONTACT INFORMATION
808	13/591,002	8/21/2012	CONSTRUCTING A CONTACT SHARING HISTORY
821	13/371302	2/10/2012	SYSTEM HAVING LOCATION BASED PROXIMITY FEATURES & METHODS THEREOF
822	13/407613	2/28/2012	CALL WAITING NETWORK IDENTIFICATION
824	13/591,962	8/22/2012	AUTOMATIC CONTACT POPULATION
825	13/419637	3/14/2012	SYSTEM PREVENTING DOUBLE DIGIT DETECTION CAUSED BY IN-BAND DUAL-TONE MULTIFREQUENCY SIGNALING & METHODS THEREOF
827	13/506,609	5/1/2012	MULTI-MODAL COMMUNICATIONS WITH CONFERENCING CLIENTS

828	13/568,964	8/7/2012	Owner- MITEL NETWORKS CORP COMMUNICATION ALERTS MANAGEMENT
829	13/538,616	6/29/2012	SYSTEM & METHOD FOR EARLY CUT THROUGH OF ENCRYPTED & UNENCRYPTED VOICE STREAMS
834	13/744572	1/18/2013	A SYSTEM, METHOD & APPARATUS FOR ADAPTIVE VIRTUALIZATION
836	13/758685	2/4/2013	A SYSTEM, METHOD & APPARATUS FOR DETERMINING VIRTUAL MACHINE PERFORMANCE
839	13/494,481	6/12/2012	DIGITAL MEDIA RECORDING SYSTEM & METHOD
842	13/653045	10/16/2012	SYSTEM & METHOD FOR IN-CONTEXT COLLABORATION
844	13/690687	11/30/2012	COLLABORATION HANDOFF
845	13/623,362	9/20/2012	METHOD & SYSTEM FOR SCHEDULING A COMMUNICATION SESSION
846	13/713998	12/13/2012	ONLINE MEETING SYSTEM & METHOD
848	13/738052	1/10/2013	LOCALIZATION ALGORITHM FOR CONFERENCING
849	13/653650	10/17/2012	NOTIFICATION SYSTEM & METHOD FOR SENDING ALERTS TO COMMUNICATION PARTICIPANTS
852	13/738803	1/10/2013	VIRTUAL AUDIO MAP
858	nya	2/22/2013	AUTOMATIC CONTACT TYPE DETERMINATION
860C	13/079165	4/4/2011	APPLICATION SERVER FOR PROVISIONING A CONTROLLED COMMUNICAIONS SYSTEMS IN A CLOUD-BASED ENVIRONMENT