PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5270063

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITEL NETWORKS ULC	12/05/2018

RECEIVING PARTY DATA

Name:	MITEL CLOUD SERVICES, INC.
Street Address:	1146 N ALMA SCHOOL RD
City:	MESA
State/Country:	ARIZONA
Postal Code:	85201

PROPERTY NUMBERS Total: 34

Property Type	Number
Patent Number:	7330832
Patent Number:	7415435
Patent Number:	6230287
Patent Number:	7096259
Patent Number:	6687682
Patent Number:	6834106
Patent Number:	7676419
Patent Number:	7203189
Patent Number:	6819665
Patent Number:	6550024
Patent Number:	7055170
Patent Number:	7240015
Patent Number:	7222345
Patent Number:	6704734
Patent Number:	6931491
Patent Number:	7472268
Patent Number:	7406170
Patent Number:	8064585
Patent Number:	7415104
Patent Number:	7522710

Property Type	Number
Patent Number:	8819188
Patent Number:	8699679
Patent Number:	8954879
Patent Number:	8356071
Patent Number:	8712388
Patent Number:	8762780
Patent Number:	8850427
Patent Number:	8910154
Patent Number:	8442494
Patent Number:	9858092
Patent Number:	9798816
Patent Number:	8089953
Application Number:	15837118
Application Number:	15937952

CORRESPONDENCE DATA

Fax Number:	(480)422-9701

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone:	4809618032
Email:	iplegal@mitel.com
Correspondent Name:	MICHELLE WHITTINGTON
Address Line 1:	1146 N. ALMA SCHOOL ROAD
Address Line 2:	C/O MITEL
Address Line 4:	MESA, ARIZONA 85201

ATTORNEY DOCKET NUMBER:	MN ULC TO MCS
NAME OF SUBMITTER:	MICHELLE WHITTINGTON
SIGNATURE:	/MICHELLEWHITTINGTON/
DATE SIGNED:	12/06/2018

Total Attachments: 12

source=114 - Acknowledgment of transfer of Cloud IP by each party the Cloud IP was trans#page1.tif
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source=114 - Acknowledgment of transfer of Cloud IP by each party the Cloud IP was trans#page3.tif
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source=114 - Acknowledgment of transfer of Cloud IP by each party the Cloud IP was trans#page10.tif
source=114 - Acknowledgment of transfer of Cloud IP by each party the Cloud IP was trans#page11.tif

ACKNOWLEDGEMENT

THIS ACKNOWLEDGMENT AGREEMENT (this "**Acknowledgement**") made this December 5, 2018 (the "**Effective Date**").

AMONG:

> **MITEL NETWORKS ULC**, an unlimited liability corporation existing under the laws of the British Columbia (hereinafter referred to as "**AmalCo**")
>
> <div align="center">- and –</div>
>
> **MLN UK MIDCO LTD.**, a corporation existing under the laws of England and Wales (hereinafter referred to as "**UK MidCo**")
>
> <div align="center">- and -</div>
>
> **MLN UK HOLDCO LTD.**, a corporation existing under the laws of England and Wales (hereinafter referred to as "**UK HoldCo**")
>
> <div align="center">- and -</div>
>
> **MLN US TOPCO INC.**, a corporation existing under the laws of Delaware (hereinafter referred to as "**US TopCo**")
>
> <div align="center">- and –</div>
>
> **MLN US HOLDCO LLC** a corporation existing under the laws of Delaware (hereinafter referred to as "**US HoldCo**")
>
> <div align="center">- and -</div>
>
> **MITEL US HOLDINGS INC.**, a corporation existing under the laws of Delaware (hereinafter referred to as "**MUSHI**")
>
> <div align="center">- and -</div>
>
> **MITEL (DELAWARE) INC.**, a corporation existing under the laws of Delaware (hereinafter referred to as "**Mitel Delaware**")
>
> <div align="center">- and -</div>
>
> **MITEL NETWORKS INC.**, a corporation existing under the laws of Delaware (hereinafter referred to as "**Mitel Networks**")
>
> <div align="center">- and -</div>
>
> **MITEL CLOUD SERVICES, INC.**, a corporation existing under the laws of Delaware (hereinafter referred to as "**Mitel Cloud Services**" , and together with AmalCo, UKMidCo, UK HoldCo, US TopCo, US HoldCo, MUSHI, Mitel Delaware and Mitel Networks, the "**Parties**" and each individually a "**Party**")

WHEREAS

1. On November 30, 2018, for good and valuable consideration, AmalCo distributed the intellectual property set forth in Schedule "A" hereto (the "**Cloud IP**") to its parent, UK MidCo;

2. Following the completion of the distribution described directly above, on December 4, 2018, for good and valuable consideration, UK MidCo distributed its Cloud IP to its parent, UK HoldCo;

3. Pursuant to the terms of a contribution agreement dated December 5, 2018, for good and valuable consideration, UK HoldCo contributed its Cloud IP to its subsidiary, US TopCo;

4. Pursuant to the terms of a contribution agreement dated December 5, 2018, for good and valuable consideration, US TopCo contributed its Cloud IP to its subsidiary, US HoldCo;

5. Pursuant to the terms of a contribution agreement dated December 5, 2018, for good and valuable consideration, US HoldCo contributed its Cloud IP to its subsidiary, MUSHI;

6. Pursuant to the terms of a contribution agreement dated December 5, 2018, for good and valuable consideration, MUSHI contributed its Cloud IP to its subsidiary, Mitel Delaware;

7. Pursuant to the terms of a contribution agreement dated December 5, 2018, for good and valuable consideration, Mitel Delaware contributed its Cloud IP to its subsidiary, Mitel Networks; and

8. Pursuant to the terms of a contribution agreement dated December 5, 2018, for good and valuable consideration, Mitel Networks contributed its Cloud IP to its subsidiary, Mitel Cloud Services.

NOW THEREFORE:

1. **Acknowledgment of Contributions**

   The undersigned hereby acknowledge that the distributions and contributions as described in the recitals have taken place effective as of the Effective Date and that this acknowledgement may be used for purposes of filing intellectual property registrations as may be required.

2. **Governing Law**

This Acknowledgement shall be governed by, and construed in accordance with, the laws in force in the Province of Ontario. Each Party irrevocably submits to the exclusive justification of the courts of the Province of Ontario and any courts of competent jurisdiction to hear appeals therefrom.

3.   Amendment

No amendment, supplement, modification or waiver or termination of this Acknowledgement shall be binding unless executed in writing by all the Parties.

4.   Enurement

This Acknowledgement shall enure to the benefit of and be binding upon the Parties hereto and their respective successors and assigns.

5.   Counterparts

This Acknowledgement may be executed in as many counterparts as are necessary and, when a counterpart has been executed by each party thereto, all counterparts together shall constitute one agreement.
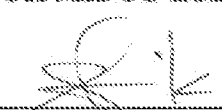
[*Signature on the following page*]

IN WITNESS WHEREOF each of the Parties hereto has caused this Acknowledgement to be executed on the date first above written.

MITEL NETWORKS ULC

By: _____
Name: Greg Hiscock
Title: Secretary

MLN UK HOLDCO LTD.

By: _____
Name: Andrew Frey
Title: Director

MLN US HOLDCO LLC, by its member, MLN US TOPCO INC.

By: _____
Name: Greg Hiscock
Title: Secretary

MITEL (DELAWARE) INC.

By: _____
Name: Greg Hiscock
Title: Secretary

MITEL CLOUD SERVICES, INC.

By: _____
Name: Greg Hiscock
Title: Secretary

MLN UK MIDCO LTD.

By: _____
Name: Greg Hiscock
Title: Secretary

MLN US TOPCO INC.

By: _____
Name: Greg Hiscock
Title: Secretary

MITEL US HOLDINGS INC.

By: _____
Name: Greg Hiscock
Title: Secretary

MITEL NETWORKS INC.

By: _____
Name: Greg Hiscock
Title: Secretary

IN WITNESS WHEREOF each of the Parties hereto has caused this Acknowledgement to be executed on the date first above written.

MITEL NETWORKS ULC

By: _____
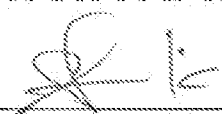   Name: Greg Hiscock
    Title: Secretary

MLN UK MIDCO LTD.

By: _____
    Name: Greg Hiscock
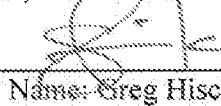   Title: Secretary

MLN UK HOLDCO LTD.

By: _____
    Name: Andrew Frey
    Title: Director

MLN US TOPCO INC.

By: _____
    Name: Greg Hiscock
    Title: Secretary

MLN US HOLDCO LLC, by its member, MLN US TOPCO INC.

By: _____
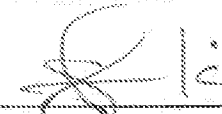   Name: Greg Hiscock
    Title: Secretary

MITEL US HOLDINGS INC.

By: _____
    Name: Greg Hiscock
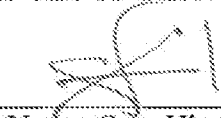   Title: Secretary

MITEL (DELAWARE) INC.

By: _____
    Name: Greg Hiscock
    Title: Secretary

MITEL NETWORKS INC.

By: _____
    Name: Greg Hiscock
    Title: Secretary

MITEL CLOUD SERVICES, INC.

By: _____
    Name: Greg Hiscock
    Title: Secretary

Issued Cloud IP

SCHEDULE "A" - CLOUD IP

FIP ID	FILE NUMBER	APPLICATION NUMBER	DATE FILED	TITLE	MATTER TYPE	COUNTRY	STATUS	PATENT NUMBER	GRANT DATE
600556	188B CA	CA2313614	7/5/2000	Mechanism of Sharing of Guaranteed Resources	Utility - ORG	CA	Issued	2313614	9/16/2003
613324	188B GB	GB9916208.3	7/9/1999	Mechanism for the Sharing of Guaranteed Resources	Utility - ORG	GB	Issued	2353915	12/12/2001
609022	188B US	US09611054	7/6/2000	Mechanism for Sharing of Guaranteed Resources	Utility - ORG	US	Issued	7330832	2/12/2008
600535	210 CA	CA2307683	5/5/2000	Quotation Mechanism for Service Environments	Utility - ORG	CA	Issued	2307683	3/27/2007
613289	210 GB	GB9910210.5	5/5/1999	Quotation Mechanism for Service Environments	Utility - ORG	GB	Issued	2349715	10/1/2003
612682	210 US	US09566049	5/5/2000	Quotation Mechanism for Service Environments	Utility - ORG	US	Issued	7415435	8/19/2008
599733	258 CA	CA2243781	7/21/1998	Dynamic Communications Group	Utility - ORG	CA	Issued	2243781	8/1/2006
599734	290 CA	CA2246130	8/31/1998	Web Based Help Desk	Utility - ORG	CA	Issued	2246130	1/14/2003
609861	290 US	US09145919	9/3/1998	Web Based Help Desk	Utility - ORG	US	Issued	6230287	5/8/2001
1268633	334B CA	CA2316549	8/15/2000	Processing By Use of Synchronised Tuple Spaces and Assertions	Utility - ORG	CA	Issued	2316549	5/5/2009
613321	334B GB	GB9920005.11	8/24/1999	Processing by Use of Synchronised Tuple Spaces and Assertions	Utility - ORG	GB	Issued	2353612	11/12/2003
608725	334B US	US09642340	8/21/2000	Pprocessing by Use of Synchronised Tuple Spaces and Assertions	Utility - ORG	US	Issued	7096259	8/22/2006
1329746	352B CA	CA2288459	11/3/1999	System for Discounting in a Bidding Process Based on Quality of Service	Utility - ORG	CA	Issued	2288459	12/31/2002
609856	352B GB	GB9824567.3	11/9/1998	System for Discounting in a Bidding Process Based on Quality of Service	Utility - ORG	GB	Issued	2343583	5/5/2004
611613	352B US	US09435857	11/8/1999	System for Discounting in a Bidding Process Based on Quality of Service	Utility - ORG	US	Issued	6687682	2/3/2004
600557	356 CA	CA2316128	8/17/2000	Call Control System and Method	Utility - ORG	CA	Issued	2316128	10/24/2006
614036	356 GB	GB0020702.7	8/22/2000	Call Control System and Method	Utility - ORG	GB	Issued	2356317	10/31/2001
608702	356 US	US09642560	8/21/2000	Call Control System and Method	Utility - ORG	US	Issued	6834106	12/21/2004

FIP ID	FILE NUMBER	APPLICATION NUMBER	DATE FILED	TITLE	MATTER TYPE	COUNTRY	STATUS	PATENT NUMBER	GRANT DATE
602095	367 CA	CA2331977	1/22/2001	A Caching Mechanism to Optimize a Bidding Process used to Select Resources and Services	Utility - ORG	CA	Issued	2331977	2/7/2006
614075	367 GB	GB00016956	1/25/2000	Caching Mechanism to Optimize a Bidding Process used to Select Resources and Services	Utility - ORG	GB	Issued	2358762	9/3/2003
802500	367 US	US09768129	1/23/2001	Caching Mechanism to Optimize a Bidding Process used to Select Resources and Services	Utility - ORG	US	Issued	7676419	3/9/2010
600529	373 CA	CA2307476	5/3/2000	Private Branch Exchange Implemented Using H.323 Gatekeeper	Utility - ORG	CA	Issued	2307476	8/16/2005
613293	373 GB	GB99106544	5/7/1999	Using a Gatekeeper to Provide an H.323 PBX	Utility - ORG	GB	Issued	2349773	5/30/2001
608740	373 US	US10199548	7/19/2002	Network Implemented Communication System	Utility - CIP	US	Issued	7203189	4/10/2007
611708	373.1 US	US09564287	5/4/2000	Private Branch Exchange Implemented Using H.323 Gatekeeper	Utility - ORG	US	Issued	6819665	11/16/2004
600180	384 CA	CA2297622	2/2/2000	Semantic Errors Diagnostic Operation for Multi-Agent System	Utility - ORG	CA	Issued	2297622	5/24/2005
609867	384 GB	GB99025405	2/4/1999	Semantic Errors Diagnostic Operation for Multi-Agent System	Utility - ORG	GB	Issued	2346461	6/18/2003
611009	384 US	US09497305	2/3/2000	Semantic Errors Diagnostic Operation for Multi-Agent System	Utility - ORG	US	Issued	6550024	4/15/2003
602037	436 CA	CA2321407	9/28/2000	Security Mechanisms and Architecture for Collaborative Systems Using Tuple Space	Utility - ORG	CA	Issued	2321407	5/17/2005
614025	436 GB	GB99235442	10/5/1999	Security Mechanisms and Architecture for Collaborative Systems Using Tuple Space	Utility - ORG	GB	Issued	2355140	9/3/2003
608254	436 US	US09676838	9/29/2000	Security Mechanisms and Architecture for Collaborative Systems Using Tuple Space	Utility - ORG	US	Issued	7055170	5/30/2006
600565	437 CA	CA2319863	9/15/2000	Policy Representations and Mechanisms for the Control of Software	Utility - ORG	CA	Issued	2319863	7/18/2006

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FIP ID	FILE NUMBER	APPLICATION NUMBER	DATE FILED	TITLE	MATTER TYPE	COUNTRY	STATUS	PATENT NUMBER	GRANT DATE
614003	437 GB	GB99220964	9/17/1999	Policy Representations and Mechanisms for Controlling Software-Based Communication	Utility - ORG	GB	Issued	2354350	3/24/2004
608578	437 US	US09663026	9/15/2000	Policy Representations and Mechanisms for the Control of Software	Utility - ORG	US	Issued	7240015	7/3/2007
602548	458 CA	CA2355520	8/20/2001	Resource Sharing with Sliding Constraints	Utility - ORG	CA	Issued	2355520	5/6/2008
609009	458 US	US09933994	8/21/2001	Resource Sharing with Sliding Constraints	Utility - ORG	US	Issued	7222345	5/22/2007
614164	458 GB	GB00210898	8/25/2000	Resource Sharing with Sliding Constraints	Utility - ORG	GB	Issued	2366401	6/1/2005
602635	520 CA	CA2416070	1/9/2003	TUPLE SPACE OPERATIONS FOR FINE GRAINED SYSTEM CONTROL	Utility - ORG	CA	Issued	2416070	4/1/2008
600148	520 DE	DE03252022262	1/14/2003	Tuple space operations for fine grained system control	Utility - EPPAT	DE	Issued	60307527.4	8/16/2006
605491	520 FR	FR032502262	1/14/2003	Tuple space operations for fine grained system control	Utility - EPPAT	FR	Issued	1329810	8/16/2006
605492	520 GB	GB032502262	1/14/2003	Tuple space operations for fine grained system control	Utility - EPPAT	GB	Issued	1329810	8/16/2006
611626	520 US	US10339836	1/10/2003	TUPLE SPACE OPERATIONS FOR FINE GRAINED SYSTEM CONTROL	Utility - ORG	US	Issued	6704734	3/9/2004
602629	521 CA	CA2416013	1/10/2003	HARDWARE-ASSISTED TUPLE SPACE	Utility - ORG	CA	Issued	2416013	4/24/2007
600147	521 DE	DE03252022270	1/14/2003	A Hardware-Assisted Tuple Space	Utility - EPPAT	DE	Issued	60307688.2	8/23/2006
605487	521 FR	FR032502270	1/14/2003	A Hardware-Assisted Tuple Space	Utility - EPPAT	FR	Issued	1329807	8/23/2006
605489	521 GB	GB032502270	1/14/2003	A Hardware-Assisted Tuple Space	Utility - EPPAT	GB	Issued	1329807	8/23/2006
608172	521 US	US10341211	1/13/2003	HARDWARE-ASSISTED TUPLE SPACE	Utility - ORG	US	Issued	6931491	8/16/2005
835518	542 CA	CA2436896	8/11/2003	Privacy and Security Mechanism for Presence Systems with Tuple Spaces	Utility - ORG	CA	Issued	2436896	9/14/2010
1073578	542 DE	DE030176044	8/11/2003	Privacy and security mechanism for presence systems with tuple spaces	Utility - EPPAT	DE	Issued	60338507.9	9/28/2011
1073577	542 FR	FR030176044	8/11/2003	Privacy and security mechanism for presence systems with tuple spaces	Utility - EPPAT	FR	Issued	1396975	9/28/2011
1073579	542 GB	GB030176044	8/11/2003	Privacy and security mechanism for presence systems with tuple spaces	Utility - EPPAT	GB	Issued	1396975	9/28/2011
920029	542 US	US10638416	8/12/2003	Privacy and Security Mechanism for Presence Systems with Tuple Spaces	Utility - ORG	US	Issued	7472268	12/30/2008

FIP ID	FILE NUMBER	APPLICATION NUMBER	DATE FILED	TITLE	MATTER TYPE	COUNTRY	STATUS	PATENT NUMBER	GRANT DATE
835519	543 CA	CA2436075	7/24/2003	Architecture and Implementation for Control of Context Aware call Processing With...Definition	Utility - ORG	CA	Issued	2436075	11/13/2012
608653	543 US	US10631811	8/1/2003	Architecture and Implementation for Control of Context Aware Call Processing with Local Feature Definition	Utility - ORG	US	Issued	7406170	7/29/2008
814926	543.01 US	US12157891	6/13/2008	Architecture and Implementation for Control of Context Aware Call Processing with Local Feature Definition	Utility - CON	US	Issued	8064585	11/22/2011
602917	544 CA	CA2436086	7/24/2003	Context Aware Call Handling System	Utility - ORG	CA	Issued	2436086	1/8/2008
608654	544 US	US10631834	8/1/2003	Context Aware Call Handling System	Utility - ORG	US	Issued	7415104	8/19/2008
602915	547 CA	CA2436072	7/24/2003	Personalizable and Customizable Feature Execution for Telephony Using Operational Semantics and Deontic Task Trees	Utility - ORG	CA	Issued	2436072	1/9/2007
600153	547 DE	DE030176093	8/11/2003	Management of interactions of customisable features in IP telephony using deontic task trees and execution operators	Utility - EPPAT	DE	Issued	60308776.0	10/4/2006
605512	547 FR	FR030176093	8/11/2003	Management of interactions of customisable features in IP telephony using deontic task trees and execution operators	Utility - EPPAT	FR	Issued	1389865	10/4/2006
605513	547 GB	GB030176093	8/11/2003	Management of interactions of customisable features in IP telephony using deontic task trees and execution operators	Utility - EPPAT	GB	Issued	1389865	10/4/2006
1268552	547 US	US10631853	8/1/2003	PERSONALIZABLE AND CUSTOMIZABLE FEATURE EXECUTION FOR TELEPHONY USING OPERATIONAL SEMANTICS AND DEONTIC TASK TREES	Utility - ORG	US	Issued	7522710	4/21/2009
838185	641 CA	CA2629697	4/24/2008	Configuration of IP Telephony and Other Systems	Utility - ORG	CA	Issued	2629697	4/19/2011
1616056	641 DE	DE081548760	4/21/2008	Configuration of IP Telephony and Other Systems	Utility - EPPAT	DE	Issued	6020080331 73.3	7/9/2014

FIP ID	FILE NUMBER	APPLICATION NUMBER	DATE FILED	TITLE	MATTER TYPE	COUNTRY	STATUS	PATENT NUMBER	GRANT DATE
1616054	641 FR	FR081548760	4/21/2008	Configuration of IP Telephony and Other Systems	Utility - EPPAT	FR	Issued	2028825	7/9/2014
1616059	641 GB	GB081548760	4/21/2008	Configuration of IP Telephony and Other Systems	Utility - EPPAT	GB	Issued	2028825	7/9/2014
613214	641 US	US11774352	7/6/2007	Configuration of IP Telephony and Other Systems	Utility - ORG	US	Issued	8819188	8/26/2014
847522	647 CA	CA2629703	4/24/2008	Configuration of IP Telephony and Other Systems	Utility - ORG	CA	Issued	2629703	7/5/2011
1479565	647 DE	DE081548778	4/21/2008	Configuration of IP Telephony and Other Systems	Utility - EPPAT	DE	Issued	602008027253.2	9/4/2013
1479564	647 FR	FR081548778	4/21/2008	Configuration of IP Telephony and Other Systems	Utility - EPPAT	FR	Issued	2026537	9/4/2013
1479566	647 GB	GB081548778	4/21/2008	Configuration of IP Telephony and Other Systems	Utility - EPPAT	GB	Issued	2026537	9/4/2013
874419	697 CA	CA2700023	4/15/2010	System & Method for Determining Availability of a Group to Communicate	Utility - ORG	CA	Issued	2700023	3/31/2015
804121	704 US	US12798414	3/31/2010	System, Apparatus and Method For Accessing Scheduling Information	Utility - ORG	US	Issued	8699679	4/15/2014
1024170	705 CA	CA2740758	5/25/2011	Method & Apparatus for Sharing User Service Classes	Utility - ORG	CA	Issued	2740758	2/7/2017
833547	705 US	US12802360	6/4/2010	Method & Apparatus for Sharing User Service Classes	Utility - ORG	US	Issued	8954879	2/10/2015
1021522	708 CA	CA2739105	5/4/2011	Presentational System & Method for IP Telephone and Other Devices	Utility - ORG	CA	Issued	2739105	4/19/2016
2167223	708 DE	DE111660981	5/13/2011	Presentational System & Method for IP Telephone and Other Devices	Utility - EPPAT	DE	Issued	602011034216.9	1/11/2017
2167224	708 FR	FR111660981	5/13/2011	Presentational System & Method for IP Telephone and Other Devices	Utility - EPPAT	FR	Issued	2386966	1/11/2017
2167225	708 GB	GB111660981	5/13/2011	Presentational System & Method for IP Telephone and Other Devices	Utility - EPPAT	GB	Issued	2386966	1/11/2017
833557	708 US	US12800409	5/14/2010	Presentational System & Method for IP Telephone and Other Devices	Utility - ORG	US	Issued	8356071	1/15/2013
1041597	711 CA	CA2745837	7/8/2011	Automatic Population of Feature Capabilities on a Communication Device	Utility - ORG	CA	Issued	2745837	1/27/2015

FIP ID	FILE NUMBER	APPLICATION NUMBER	DATE FILED	TITLE	MATTER TYPE	COUNTRY	STATUS	PATENT NUMBER	GRANT DATE
2166731	711 DE	DE111792750	8/30/2011	Handling Feature Requests	Utility - EPPAT	DE	Issued	602011010326 36.8	11/23/2016
2226739	711 FR	FR111792750	8/30/2011	Handling Feature Requests	Utility - EPPAT	FR	Issued	2448228	11/23/2016
2226738	711 GB	GB111792750	8/30/2011	Handling Feature Requests	Utility - EPPAT	GB	Issued	2448228	11/23/2016
833577	711 US	US12925917	11/1/2010	Automatic Population of Feature Capabilities on a Communication Device	Utility - ORG	US	Issued	8712388	4/29/2014
918193	738.01 US	US12928973	12/23/2010	Conducting an Application-Aware Test in a Virtual Environment	Utility - ORG	US	Issued	8762780	6/24/2014
918194	738.02 US	US12928971	12/23/2010	Bulk Data Management in a Virtual Environment	Utility - ORG	US	Issued	8850427	9/30/2014
918197	738.03 US	US12928991	12/23/2010	Obtaining Diagnostic Information in a Virtual Environment	Utility - ORG	US	Issued	8910154	12/9/2014
933148	739 US	US12932203	2/18/2011	System for Updating Presentations on Mobile Devices	Utility - ORG	US	Issued	8442494	5/14/2013
1051528	746 CA	CA2747620	7/27/2011	Contextual Application Launch Via Search Query	Utility - ORG	CA	Issued	2747620	1/16/2018
917157	746 US	US12930481	1/6/2011	Contextual Application Launch Via Search Query	Utility - ORG	US	Issued	9858092	1/2/2018
1051760	746.01 CA	CA2747108	7/22/2011	Range Programming Using a Search Query	Utility - ORG	CA	Issued	2747108	8/30/2016
1955577	746.01 DIV US	US14807693	7/23/2015	Range Programming Using a Search Query	Utility - DIV	US	Issued	9798816	10/24/2017
1573028	AA-0013 CA	CA2668287	10/26/2007	Method and System for Network Entity Configuration	Utility - ORG	CA	Issued	2668287	9/19/2017
1573034	AA-0013 US	US11925632	10/26/2007	Method and System for Network Entity Configuration	Utility - ORG	US	Issued	8089953	1/3/2012

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REEL: 047694 FRAME: 0734

Pending Cloud IP

FIP ID	FILE NUMBER	APPLICATION NUMBER	TITLE	MATTER TYPE	COUNTRY	DATE FILED	STATUS
1039674	544 EU D1	101621332	Context aware call handling system	Utility - DIV	EP	Aug 11, 2003	Pending
858731	697 EU	101544096	System & Method for Determining Availability of a Group to Communicate	Utility - ORG	EP	Feb 23, 2010	Pending
2306270	925 US	15837118	Cloud-Based Acoustic Echo Canceller	Utility - ORG	US	Dec 11, 2017	Pending
2310532	1090 EU	172102220	Multi-Factor Authentication of On-Premise PBX Communication Methods	Utility - ORG	EP	Dec 22, 2017	Pending
2348707	1105 US	15937952	Method and System for Moving Customer Data to Trusted Storage	Utility - ORG	US	Mar 28, 2018	Pending
1573030	AA-0013 EU	078446499	Method and System for Network Entity Configuration	Utility - ORG	EP	Oct 26, 2007	Allowed

PATENT
REEL: 047694 FRAME: 0735

RECORDED: 12/06/2018