

RECC
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103511983

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

6-30-08

1. Name of conveying party(ies):

Dilithium Networks, Inc.

- Individual(s)
- General Partnership
- Corporation- State: California
- Other
- Association
- Limited Partnership

Citizenship (see guidelines) _____

Additional names of conveying parties attached? Yes No

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached? Yes No

Name: Venture Lending & Leasing IV, Inc. and

Internal

Address: Venture Lending & Leasing V, Inc.

Street Address: 2010 North First Street

City: San Jose

State: California

Country: US Zip: 95131

- Association Citizenship _____
- General Partnership Citizenship _____
- Limited Partnership Citizenship _____
- Corporation Citizenship Maryland
- Other _____ Citizenship _____

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

FINANCE SECTION

77-01-20-110-03

OFFICE OF PUBLIC RECORDS

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

Execution Date(s) 6/5/08

- Assignment
- Security Agreement
- Merger
- Change of Name
- Other

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s)
78/280,224; 78/474,648; 78/498,218; 78/537,579; 77/042934; 77/185,106

B. Trademark Registration No.(s)
3,056,190; 3,051,531; 3,225,637;

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: Russell D. Pollock, Esq.

Internal Address: _____

Street Address: Four Embarcadero Center, Suite 4000

City: San Francisco

State: California Zip: 94111

Phone Number: 415-981-1400

Fax Number: 415-777-4961

Email Address: _____

6. Total number of applications and registrations involved:

9

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ 240.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed

8. Payment Information:

a. Credit Card Last 4 Numbers _____

Expiration Date 07/02/2008 - 06/30/2011

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

6/26/08

Date

Jeffrey T. Klugman
Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 41

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, VA 22313-1450

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is made as of June 5, 2008, by and between DILITHIUM NETWORKS, INC., a California corporation ("Grantor"), and VENTURE LENDING & LEASING IV, INC. ("VLL4") and VENTURE LENDING & LEASING V, INC. ("VLL5"), both Maryland corporations (sometimes referred to herein individually or together as "Secured Party").

RECITALS

A. Pursuant to that certain Loan and Security Agreement of even date herewith between Grantor, as borrower, and Secured Party, as lender, as such agreement may from time to time be amended, restated, supplemented or otherwise modified (the "Loan Agreement"), Secured Party has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in the Loan Agreement. All capitalized terms used herein without definition shall have the meanings ascribed to them in the Loan Agreement.

B. Secured Party is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Secured Party a security interest in substantially all of Grantor's personal property whether presently existing or hereafter acquired. To that end, Grantor has executed in favor of Secured Party the Loan Agreement granting a security interest in all Collateral, and is executing this Agreement with respect to certain items of Intellectual Property, in particular.

NOW, THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS:

1. Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all of Grantor's present or future Obligations, Grantor hereby grants a security interest and mortgage to Secured Party, as security, in and to Grantor's entire right, title and interest in, to and under the following Intellectual Property, now owned or hereafter acquired by Grantor or in which Grantor now holds or hereafter acquires any interest (all of which shall collectively be called the "Collateral" for purposes of this Agreement):

(a) Any and all copyrights, whether registered or unregistered, held pursuant to the laws of the United States, any State thereof or of any other country; all registrations, applications and recordings in the United States Copyright Office or in any similar office or agency of the United States, and State thereof or any other country; all continuations, renewals, or extensions thereof; and any registrations to be issued under any pending applications, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) All letters patent of, or rights corresponding thereto in, the United States or any other country, all registrations and recordings thereof, and all applications for letters patent of, or rights corresponding thereto in, the United States or any other country, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country; all reissues, continuations, continuations-in-part or extensions thereof; all petty patents, divisionals, and patents of addition; and all patents to be issued under any such applications, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(c) All trademarks, trade names, corporate names, business names, trade styles, service marks, logos, other source or business identifiers, prints and labels owned by Grantor on which any of the foregoing have appeared or appear, designs and general intangibles of like nature, now existing or hereafter adopted or acquired, all registrations and recordings thereof, and any applications in connection therewith, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country or any political subdivision thereof, and reissues, extensions or renewals thereof, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(d) Any and all claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(e) All licenses or other rights to use any of the Copyrights, Patents or Trademarks, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(f) All amendments, renewals and extensions of any of the Copyrights, Trademarks or Patents; and

(g) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding the foregoing the term "Collateral" shall not include: (a) "intent-to-use" trademarks at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise, but only to the extent the granting of a security interest in such "intent to use" trademarks would affect Borrower's rights to such trademarks under applicable law or (b) any license, contract, instrument or chattel paper in which Grantor has any right, title or interest if and to the extent such license, contract, instrument or chattel paper includes a provision containing a restriction on assignment such that the creation of a security interest in the right, title or interest of Grantor therein would be prohibited and would, in and of itself, cause or result in a default thereunder enabling another person party to such contract, instrument or chattel paper to enforce any remedy with respect thereto; provided, however, that the foregoing exclusion shall not apply if (i) such prohibition has been waived or such other person has otherwise consented to the creation hereunder of a security interest in such contract, instrument or chattel paper, or (ii) such prohibition would be rendered ineffective pursuant to Sections 9-407(a) or 9-408(a) of the UCC, as applicable and as then in effect in any relevant jurisdiction, or any other applicable law (including the Bankruptcy Code) or principles of equity); provided further that immediately upon the ineffectiveness, lapse or termination of any such provision, the term "Collateral" shall include, and Grantor shall be deemed to have granted a security interest in, all its rights, title and interests in and to such contract, instrument or chattel paper as if such provision had never been in effect; and provided further that the foregoing exclusion shall in no way be construed so as to limit, impair or otherwise affect Secured Party's unconditional continuing security interest in and to all rights, title and interests of Grantor in or to any payment obligations or other rights to receive monies due or to become due under any such contract, instrument or chattel paper and in any such monies and other proceeds of such contract, instrument or chattel paper.

2. Covenants and Warranties. Grantor represents, warrants, covenants and agrees with Secured Party as follows:

(a) Grantor is now the sole owner of the Collateral, except for Permitted Liens and Transfers that are otherwise permitted under Section 6.5 of the Loan Agreement, and except for the ownership rights of third parties in any Collateral licensed to Grantor;

(b) During the term of this Agreement, Grantor will not transfer or otherwise encumber any interest in the Collateral, except for Permitted Liens and Transfers that are otherwise permitted under the Loan Agreement (including without limitation any such licenses or Transfers that are permitted under Section 6.5 of the Loan Agreement);

(c) To its knowledge, each of the Patents is valid and enforceable, and no part of the Collateral has been judged invalid or unenforceable, in whole or in part, and no claim has been made that any part of the Collateral violates the rights of any third party;

(d) Grantor shall deliver to Secured Party within thirty (30) days of the last day of each fiscal quarter, a report signed by Grantor, in form reasonably acceptable to Secured Party, listing any applications or registrations that Grantor has made or filed in respect of any Patents, Copyrights or Trademarks and the status of any outstanding applications or registrations. Grantor shall promptly advise Secured Party of any material change in the

composition of the Collateral, including but not limited to any subsequent ownership right of the Grantor in or to any Trademark, Patent or Copyright not specified in this Agreement;

(e) Grantor shall use reasonable commercial efforts to (i) protect, defend and maintain the validity and enforceability of any material Trademarks, Patents and Copyrights (ii) detect infringements of any material Trademarks, Patents and Copyrights and promptly advise Secured Party in writing of material infringements detected and (iii) not allow any material Trademarks, Patents or Copyrights to be abandoned, forfeited or dedicated to the public without the written consent of Secured Party, which consent shall not be unreasonably withheld, except in each such case, with respect to such Trademarks, Patents and Copyrights that Grantor determines in its sole but reasonable commercial judgment (i) need not be protected, defended or maintained to protect its own business interests or (ii) as to which the benefit to Grantor does not commercially justify or merit the cost of protecting, defending or maintaining such Trademarks, Patents or Copyrights;

(f) Grantor shall apply for registration (to the extent not already registered) with the United States Patent and Trademark Office or the United States Copyright Office, as applicable: (i) those intellectual property rights listed on Exhibits A, B and C hereto within thirty (30) days of the date of this Agreement; and (ii) those additional intellectual property rights developed or acquired by Grantor from time to time in connection with any product or service and which are subject to a statutory registration scheme under U.S. federal law (including without limitation revisions or additions to the intellectual property rights listed on such Exhibits A, B and C), except with respect to such rights that Grantor determines in its sole but reasonable commercial judgment (i) need not be registered to protect its own business interests or (ii) as to which the benefit to Grantor of such registration does not commercially justify or merit the cost of such registration. Grantor shall, from time to time, execute and file such other instruments, and take such further actions as Secured Party may reasonably request from time to time to perfect or continue the perfection of Secured Party's interest in the Collateral. Grantor shall give Secured Party notice of all such applications or registrations; and

(g) Grantor shall not permit the inclusion in any material license agreement to which it becomes a party of any provisions that are enforceable under applicable law could or might in any way prevent the creation of a security interest in Grantor's rights and interests in any property included within the definition of the Collateral acquired under such contracts.

3. Further Assurances; Attorney in Fact.

(a) Subject to the provisions of Section 2(f) above, on a continuing basis, Grantor will make, execute, acknowledge and deliver, and file and record in the proper filing and recording places in the United States, all such instruments, including appropriate financing and continuation statements and collateral agreements and filings with the United States Patent and Trademark Office and the Register of Copyrights, and take all such action as may reasonably be deemed necessary or advisable, or as reasonably requested by Secured Party, to perfect Secured Party's security interest in all Copyrights, Patents and Trademarks and otherwise to carry out the intent and purposes of this Agreement, or for assuring and confirming to Secured Party the grant or perfection of a security interest in all Collateral.

(b) Grantor hereby irrevocably appoints Secured Party as Grantor's attorney-in-fact, with full authority in the place and stead of Grantor and in the name of Grantor, from time to time in Secured Party's discretion, to take any action and to execute any instrument which Secured Party may reasonably deem necessary or advisable to accomplish the purposes of this Agreement, including (i) to modify, in its sole discretion, this Agreement without first obtaining Grantor's approval of or signature to such modification solely for the purpose of amending Exhibits A, B and C, hereof, as appropriate, to include reference to any right, title or interest in any Copyrights, Patents or Trademarks acquired by Grantor after the execution hereof or to delete any reference to any right, title or interest in any Copyrights, Patents or Trademarks in which Grantor no longer has or claims any right, title or interest, (ii) to file, in its sole discretion, one or more financing or continuation statements and amendments thereto, relative to any of the Collateral that is Intellectual Property without the signature of Grantor where permitted by law, and (iii) after the occurrence of an Event of Default, to transfer the Collateral into the name of Secured Party or a third party to the extent permitted under the Loan Agreement and the California Uniform Commercial Code.

4. Events of Default. The occurrence of any of the following shall constitute an Event of Default under this Agreement:

(a) An Event of Default under the Loan Agreement; or

(b) The material breach by Grantor of any warranty or agreement made by Grantor in this Agreement if (where such breach is capable of being cured), such breach is not cured within 30 days after the sooner to occur of Grantor's receipt of notice of such breach from Secured Party or the date on which such breach first becomes known to any officer of Grantor; provided, however that if such breach is not capable of being cured within such 30-day period and Grantor timely notifies Secured Party of such fact and Grantor diligently pursues such cure, then the cure period shall be extended to the date requested in Grantor's notice but in no event more than 90 days from the initial breach; provided, further, that such additional 60-day opportunity to cure shall not apply in the case of any failure to perform or observe any covenant which has been the subject of a prior failure within the preceding 180 days or which is a willful and knowing breach by Grantor.

5. Amendments. This Agreement may be amended only by a written instrument signed by both parties hereto, except for amendments permitted under Section 3 hereof to be made by Secured Party alone.

6. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

7. Several Nature of Secured Party's Obligations and Rights; Pari Passu Security Interests. This Agreement is and shall be interpreted for all purposes as separate and distinct agreements between Grantor and VLL4, on the one hand, and Grantor and VLL5, on the other hand, and nothing in this Agreement shall be deemed a joint venture, partnership or other association between VLL4 and VLL5. Each reference in this Agreement to "Secured Party" shall mean and refer to each of VLL4 and VLL5, singly and independent of one another. Without limiting the generality of the foregoing, the covenants and other obligations of "Secured Party" under this Agreement are several and not joint obligations of VLL4 and VLL5, and all rights and remedies of "Secured Party" under this Agreement may be exercised by VLL4 and/or VLL5 independently of one another. The security interests granted by Grantor to each of VLL4 and VLL5 hereunder and under the Loan Agreement shall be deemed to have been granted and perfected at the same time and shall be of equal priority.

[Signature Pages Follow]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

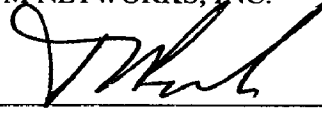
GRANTOR

Address of Grantor:

DILITHIUM NETWORKS, INC.

5401 Old Redwood Highway, Suite 100
Petaluma, CA 94954
Attn: Chief Executive Officer

By:



Name:

Timothy C. Bush

Its:

SVP - Finance & Operations

SECURED PARTY

Address of Secured Party:

VENTURE LENDING & LEASING IV, INC.

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: President

By: _____

Name: _____

Its: _____

VENTURE LENDING & LEASING V, INC.

By: _____

Name: _____

Its: _____

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

GRANTOR

Address of Grantor:

DILITHIUM NETWORKS, INC.

5401 Old Redwood Highway, Suite 100
Petaluma, CA 94954
Attn: Chief Executive Officer

By: _____

Name: _____

Its: _____

SECURED PARTY

Address of Secured Party:

VENTURE LENDING & LEASING IV, INC.

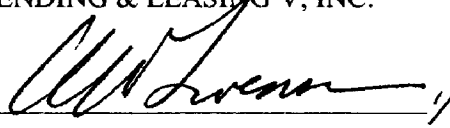
2010 North First Street, Suite 310
San Jose, CA 95131
Attn: President

By:  _____

Name: Ronald Swenson

Its: Chief Executive Officer

VENTURE LENDING & LEASING V, INC.

By:  _____

Name: Ronald Swenson

Its: Chief Executive Officer

EXHIBIT A

Copyrights

Description

Registration Number

Registration Date

None.

EXHIBIT B

Patents

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 000100US CCL (RTO)	Method and Apparatus for Proxy Transcoding	Jabri, Marwan A.	60/275584 03/13/2001		Inactive Expired
021318- 000110CA CCL (RTO)	Method and System for Transcoding Video and Speech Signals	Jabri, Marwan A.	2440696 03/13/2002		Inactive Abandoned
021318- 000110CN CCL (RTO)	Method and System for Transcoding Video and Speech Signals	Jabri, Marwan A.	02806657.X 03/13/2002		Pending Published Nat'l Phase filings in CA, CN, EP, JP, and KR; Assignee: Macchina Pty Ltd. International Filing Deadline (Final): 09/13/2003 **Completed** Request Examination (CN): 03/13/2004 **Completed** Response: 04/08/2005 Response: 10/24/2006 **Completed**
021318- 000110EP CCL (RTO)	Method and System for Transcoding Video and Speech Signals	Jabri, Marwan A.	02723488.9 03/13/2002		Pending Published Assignee: Macchina Pty Ltd. International Filing Deadline (Final): 09/13/2003 **Completed** Amendment: 11/07/2003 Annuity: Next: 03/13/2009 Annuity: End of Grace (Final Deadline): 09/13/2009
021318- 000110JP CCL (RTO)	Method and System for Transcoding Video and Speech Signals	Jabri, Marwan A.	2002-572034 03/13/2002		Pending Published 7/30/07 agent confirms withdrawal of app filed-t3s - International Filing Deadline (Final): 09/13/2003 **Completed** Power of Attorney: 04/29/2004 **Completed** Request Examination 10/1/01 beyond (JP): 03/13/2005 **Completed** Response: 09/21/2006 **Completed** Response: 12/21/2006 **Completed** Response: 05/29/2007 **Completed**
021318- 000110KR CCL (RTO)	Method and System for Transcoding Video and Speech Signals	Jabri, Marwan A.	10-2003-7011966 03/13/2002		Inactive Abandoned
021318- 000110PC CCL (RTO)	Method & Apparatus for Transcoding Video & Speech Signals	Jabri, Marwan Anwar	PCT/US02/08218 03/13/2002		Inactive Expired

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 000110US CCL (RTO)	Method and Apparatus for Transcoding Video and Speech Signals	Jabri, Marwan Anwar	10/099901 03/12/2002		Pending Published Response to Notice of Missing Parts (1st Deadline): 06/08/2002 **Completed** Response to Notice of Missing Parts (1st Deadline): 09/26/2002 **Completed** Response to Office Action: 08/04/2006 **Completed** Response to Final Office Action: 01/27/2007 **Completed** Response-2nd Final Office Action: 03/07/2007 **Completed** 2nd Notice of Appeal: 03/07/2007 **Completed** Response-2nd Office Action: 04/30/2007 **Completed** Response-3rd Final Office Action: 01/17/2008 **Completed** Response-3rd Office Action: 05/21/2008
021318- 000111JP CCL (RTO)	Method and System for Transcoding Video and Speech Signals	Jabri, Marwan A.	2007-170069 03/13/2002		Pending Published Request Examination 10/1/01 beyond (JP): 07/30/2007 **Completed**
021318- 000200US CCL (RTO)	Transcoding Scheme Between CELP-Based Speech Codes	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	60/347270 01/08/2002		Inactive Expired
021318- 000210CN CCL RTO (RTO)	A Transcoding Scheme between CELP-Based Speech Codes	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	03805519.8 01/08/2003		Pending Published Int'l Filing Deadline (Final): 07/08/2004 **Completed** Response: 07/21/2004 Request Examination (CN): 01/08/2005 **Completed** Response: 03/09/2006
021318- 000210EP CCL RTO (RTO)	A Transcoding Scheme between CELP-Based Speech Codes	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	03705707.2 01/08/2003		Pending Published Int'l Filing Deadline (Final): 07/08/2004 **Completed** Response: 12/24/2005 Annuity: Next: 01/08/2009 Annuity: End of Grace (Final Deadline): 07/08/2009
021318- 000210IN CCL KBC (RTO)	A Transcoding Scheme between CELP-Based Speech Codes	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	1765/CHENP/2004 01/08/2003		Pending Int'l Filing Deadline (Final): 07/08/2004 **Completed**
021318- 000210JP CCL RTO (RTO)	A Transcoding Scheme between CELP-Based Speech Codes	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	2003-558656 01/08/2003		Pending Published Int'l Filing Deadline (Final): 07/08/2004 **Completed** Request Examination 10/1/01 beyond (JP): 01/08/2006 **Completed** Request Examination 10/1/01 beyond (JP): 01/10/2006 **Completed**

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318-000210KR CCL RTO (RTO)	A Transcoding Scheme between CELP-Based Speech Codes	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	10-2004-7010699 01/08/2003		Pending Published Int'l Filing Deadline (Final): 07/08/2004 **Completed** Power of Attorney: 08/19/2004 **Completed** Request Examination (KR): 01/08/2008 **Completed**
021318-000210PC CCL RTO (RTO)	A Transcoding Scheme between CELP-Based Speech Codes	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	PCT/US03/00649 01/08/2003		Inactive Expired
021318-000210US CCL (RTO)	Transcoding Method and System Between CELP-Based Speech Codes	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	10/339790 01/08/2003	6829579 12/07/2004	Granted Notice Of Allowance: 03/23/2004 **Completed** Foreign Filing Deadline: 01/08/2004 **Completed** Issue Fee: 06/23/2004 **Completed** Annuity: Next: 06/07/2012 Annuity: End of Grace (Final Deadline): 12/07/2012
021318-000211US CCL (RTO)	Transcoding Method and System Between CELP-Based Speech Codes with Externally Provided Status	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	10/928416 08/27/2004	7184953 02/27/2007	Granted Notice Of Allowance: 09/18/2006 **Completed** Response to Office Action: 09/28/2005 **Completed** Response to Final Office Action: 02/28/2006 **Completed** Response-2nd Office Action: 07/17/2006 **Completed** Issue Fee: 12/18/2006 **Completed** Drawings Due: 02/14/2007 **Completed** Annuity: Next: 08/27/2010 Annuity: End of Grace (Final Deadline): 02/27/2011
021318-000212US CCL (RTO)	Transcoding Method and System Between CELP-Based Speech Codes with Externally Provided Status	Jabri, Marwan A. Wang, Jianwei Gould, Stephen	11/711467 02/26/2007		Pending Published
021318-000300US CCL KFC (RTO)	Multi-Purpose CODEC Method & Device	Jabri, Marwan A.			Inactive Abandoned
021318-000400US CCL (RTO)	Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	60/364403 03/12/2002		Inactive Expired

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 000410CN CCL (RTO)	Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	03810645.0 03/12/2003		Pending Published Int'l Filing Deadline (Final): 09/12/2004 **Completed** Request Examination (CN): 03/12/2005 **Completed** Response: 11/26/2005 Response: 05/10/2006 **Completed** Response: 10/23/2006 **Completed**
021318- 000410EP CCL (RTO)	Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	03711590.4 03/12/2003		Inactive Abandoned-Pending
021318- 000410IN CCL KBC (RTO)	Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	2252/CHENP/2004 03/12/2003		Inactive Abandoned
021318- 000410JP CCL (RTO)	Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	2003-577246 03/12/2003		Inactive Abandoned
021318- 000410KR CCL (RTO)	Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	1020047014297 03/12/2003		Inactive Abandoned
021318- 000410PC CCL (RTO)	Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	PCT/US03/07901 03/12/2003		Inactive Expired
021318- 000410US CCL (RTO)	Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	10/350349 03/12/2003	7260524 08/21/2007	Granted Notice Of Allowance: 04/24/2007 **Completed** Foreign Filing Deadline: 03/12/2004 **Completed** Response to Office Action: 02/14/2007 **Completed** Issue Fee: 07/24/2007 **Completed** Annuity: Next: 02/21/2011 Annuity: End of Grace (Final Deadline): 08/21/2011

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318-000420US CCL (RTO)	Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	11/881742 07/26/2007		Pending
021318-000500US CCL (RTO)	Method & System for Improved Transcoding of Information Through a Telecommunicaitons Network	Jabri, Marwan A. Jack, David Myers, David John	60/364402 03/12/2002		Inactive Expired
021318-000510US CCL (RTO)	Method and System for Improved Transcoding of Information Through a Telecommunicaitons Network	Jabri, Marwan A. Jack, David Myers, David John	10/388375 03/12/2003	7266611 09/04/2007	Granted Notice Of Allowance: 04/02/2007 **Completed** Response to Office Action: 12/08/2006 **Completed** Issue Fee: 07/02/2007 **Completed** Response: 07/22/2007 **Completed** Annuity: Next: 03/04/2011 Annuity: End of Grace (Final Deadline): 09/04/2011
021318-000520US CCL (RTO)	Method and System for Improved Transcoding of Information Through a Telecommunication Network	Jabri, Marwan A. Jack, David Myers, David John	11/825309 07/03/2007		Pending Published
021318-000600US CCL (RTO)	Fast & Efficient H.263 to MPEG-4 Video Transcoding	Jabri, Marwan A.	60/396891 07/17/2002		Inactive Expired
021318-000610CN CCL (RTO)	Method and Apparatus for Transcoding Between Hybrid Video Codec Bitstreams	Brown, Stephen F. Jabri, Marwan A.	03816861.8 07/15/2003		Pending Published Int'l Filing Deadline (Final): 01/17/2005 **Completed** Request Examination (CN): 07/17/2005 **Completed** Response: 01/15/2006 **Completed** Response: 07/03/2007 **Completed** Response to Office Action: 02/01/2008 **Completed**
021318-000610EP CCL (RTO)	Method and Apparatus for Transcoding Between Hybrid Video Codec Bitstreams	Brown, Stephen F. Jabri, Marwan A.	03764716.1 07/15/2003		Pending Published Int'l Filing Deadline (Final): 01/17/2005 **Completed** Response: 03/04/2005 Annuity: Next: 07/15/2008 Annuity: End of Grace (Final Deadline): 01/15/2009

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 000610IN CCL (RTO)	Method and Apparatus for Transcoding Between Hybrid Video Codec Bitstreams	Brown, Stephen F. Jabri, Marwan A.	200/CHENP/2005 07/15/2003		Pending Allowed 8/28/07 FA fax confirms filing Form PCT/IB/306, recordal of name change-s2m; per 7/11/07 FA ltr, pls provide Assignment & Form PCT/IB/304-s2m; 6/22/07 FA ltr confirms re-filing miscellaneous documents at Pat Office-s2m Notice Of Allowance: 09/12/2007 **Completed** Int'l Filing Deadline (Final): 01/17/2005 **Completed** Power of Attorney: 05/17/2005 **Completed** Request Examination: 07/17/2005 **Completed** Response: 09/01/2007 **Completed**
021318- 000610JP CCL (RTO)	Method and Apparatus for Transcoding Between Hybrid Video Codec Bitstreams	Brown, Stephen F. Jabri, Marwan A.	2005-505136 07/15/2003		Pending Published Int'l Filing Deadline (Final): 01/17/2005 **Completed** Power of Attorney: 07/14/2005 **Completed** Request Examination 10/1/01 beyond (JP): 07/15/2006 **Completed**
021318- 000610KR CCL (RTO)	Method and Apparatus for Transcoding Between Hybrid Video Codec Bitstreams	Brown, Stephen F. Jabri, Marwan A.	10-2005-7000845 07/15/2003		Pending Published Int'l Filing Deadline (Final): 01/17/2005 **Completed** Power of Attorney: 02/21/2005 **Completed** Request Examination (KR): 07/15/2008
021318- 000610PC CCL (RTO)	Method and Apparatus for Transcoding Between Hybrid Video Codec Bitstreams	Brown, Stephen F. Jabri, Marwan A.	PCT/US03/22175 07/15/2003		Inactive Expired
021318- 000610US KBC (RTO)	Method and Apparatus for Transcoding Between Hybrid Video CODEC Bitstreams	Brown, Stephen F. Jabri, Marwan A.	10/620329 07/14/2003		Pending Published Response to Office Action: 04/05/2007 **Completed** Resp-1 mo. Restriction Requirement: 05/26/2007 **Completed** Response to Final Office Action: 10/18/2007 **Completed** Response-2nd Office Action: 03/21/2008 **Completed**
021318- 000611CN CCL (RTO)	Method and Apparatus for Transcoding Between Hybrid Video Codec Bitstreams	Brown, Stephen F. Jabri, Marwan A.	200710127241.2 07/15/2003		Pending Published Request Examination (CN): 07/17/2005 **Completed** Request Examination: 09/03/2007 **Completed** Amendment: 04/19/2008
021318- 000700US (RTO)	Fast & Efficient Algorithms for MPEG-4 Video to H.263 Transcoding	Jabri, Marwan A.	60/396689 07/17/2002		Inactive Expired
021318- 000800US (RTO)	Efficient Method & Apparatus for Video Transcoding	Jabri, Marwan A.	60/417831 10/10/2002		Inactive Expired
021318- 000900US CCL (RTO)	Universal Thin Celp Voice Codec	Jabri, Marwan A.	60/419776 10/17/2002		Inactive Expired

46109/0141
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TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 000910US CCL (RTO)	Method and Apparatus for a Thin CELP Voice CODEC	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	10/688857 10/17/2003	7254533 08/07/200 7	Granted Notice Of Allowance: 05/08/2007 **Completed** Issue Fee: 08/08/2007 **Completed** Annuity: Next: 02/07/2011 Annuity: End of Grace (Final Deadline): 08/07/2011
021318- 000920US CCL (RTO)	Method and Apparatus for a Thin Audio CODEC	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	11/890263 08/02/2007		Pending
021318- 000930US CCL (RTO)	Non-Provisional Application Method and Apparatus for a Thin Audio Codec	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei			Not yet filed
021318- 001000US CCL (RTO)	Methods for Fixed Codebook Search for Voice Transcoders	Jabri, Marwan A.	60/421446 10/25/2002		Inactive Expired
021318- 001010CN CCL KBC (RTO)	Method and Apparatus for Fast CELP Parameter Mapping	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	200380102078.4 10/24/2003		Inactive Abandoned
021318- 001010EP CCL (RTO)	Method and Apparatus for Fast CELP Parameter Mapping	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	03757539.6 10/24/2003		Pending Published Examination Fee: 04/14/2005 **Completed** Int'l Filing Deadline (Final): 04/25/2005 **Completed** Response: 01/12/2008 **Completed** Annuity: Next: 10/24/2008 Annuity: End of Grace (Final Deadline): 04/24/2009
021318- 001010IN CCL (RTO)	Method and Apparatus for Fast CELP Parameter Mapping	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	992/CHENP/2005 10/24/2003		Pending Allowed per 7/11/07 FA ltr, app is now in order for grant-s2m; per 6/18/07 FA fax, have spoken w/Examiner who has agreed to a proposed set of claims; Examiner has given a week (from when?) to comply; absent instr, FA will re- file w/new set of claims-s2m Int'l Filing Deadline (Final): 04/25/2005 **Completed** Power of Attorney: 07/20/2005 **Completed** Response: 07/20/2005 **Completed** Request Examination: 10/25/2005 **Completed** Response: 06/07/2007 **Completed**
021318- 001010JP CCL (RTO)	Method and Apparatus for Fast CELP Parameter Mapping	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	2004-545610 10/24/2003		Inactive Abandoned

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TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 001010KR CCL (RTO)	Method and Apparatus for Fast CELP Parameter Mapping	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	10 2005 7007186 10/24/2003	10- 0756298 08/31/200 7	Granted Power of Attorney: 04/25/2005 **Completed** Request Examination: 04/25/2005 **Completed** Int'l Filing Deadline (Final): 04/25/2005 **Completed** Response: 10/30/2006 **Completed** Response: 11/30/2006 **Completed** Response: 12/30/2006 **Completed** Grant Fee: 08/31/2007 **Completed** Request Examination (KR): 10/24/2008 **Completed** Annuity: Next: 08/31/2010 Annuity: End of Grace (Final Deadline): 02/28/2011
021318- 001010PC CCL (RTO)	Method and Apparatus for Fast CELP Parameter Mapping	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	PCT/AU03/01412 10/24/2003		Inactive Expired
021318- 001010US CCL (RTO)	Method and Apparatus for Fast CELP Parameter Mapping	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	10/693620 10/23/2003	7363218 04/22/200 8	Granted Notice Of Allowance: 12/10/2007 **Completed** Response to Office Action: 09/26/2007 **Completed** Issue Fee: 03/10/2008 **Completed** Annuity: Next: 10/22/2011 Annuity: End of Grace (Final Deadline): 04/22/2012
021318- 001011IN CCL (RTO)	Method and Apparatus for Fast CELP Parameter Mapping	Jabri, Marwan A. Chong- White, Nicola Wang, Jianwei	2411/CHENP/2007 05/05/2005		Inactive Abandoned
021318- 001100US CCL (RTO)	Fast Searching Method for Long-Term Prediction in Voice Transcoders	Jabri, Marwan A.	60/421449 10/25/2002		Inactive Expired
021318- 001200US CCL (RTO)	Method for In-Band DTMF Detection & Generation In Voice Transcoder	Jabri, Marwan A.	60/421342 10/25/2002		Inactive Expired
021318- 001210CN CCL (RTO)	Method and Apparatus for DTMF Detection and Voice Mixing in the CELP Parameter Domain	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	200380101987.6 10/24/2003		Pending Published Int'l Filing Deadline (Final): 04/25/2005 **Completed** Request Examination (CN): 10/25/2005 **Completed** Response: 04/14/2006

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 001210EP CCL (RTO)	Method and Apparatus for DTMF Detection and Voice Mixing in the CELP Parameter Domain	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	03757540.4 10/24/2003		Pending Published Int'l Filing Deadline (Final): 04/25/2005 **Completed** Examination Fee: 04/28/2005 **Completed** Annuity: Next: 10/24/2008 Annuity: End of Grace (Final Deadline): 04/24/2009
021318- 001210IN CCL (RTO)	Method and Apparatus for DTMF Detection and Voice Mixing in the CELP Parameter Domain	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	00996/CHENP/2005 10/24/2003		Pending Allowed Notice Of Allowance: 10/16/2007 **Completed** Int'l Filing Deadline (Final): 04/25/2005 **Completed** Power of Attorney: 07/22/2005 **Completed** Response: 07/25/2005 **Completed** Request Examination: 10/25/2005 **Completed** Response: 07/17/2007 **Completed**
021318- 001210JP CCL (RTO)	Method and Apparatus for DTMF Detection and Voice Mixing in the CELP Parameter Domain	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	2004-545611 10/24/2003		Inactive Abandoned
021318- 001210KR CCL (RTO)	Method and Apparatus for DTMF Detection and Voice Mixing in the CELP Parameter Domain	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	10-2005-7007180 10/24/2003	10- 0756311 08/31/200 7	Granted Int'l Filing Deadline (Final): 04/25/2005 **Completed** Response: 10/26/2006 **Completed** Response: 04/05/2007 **Completed** Grant Fee: 08/31/2007 **Completed** Request Examination (KR): 10/24/2008 **Completed** Annuity: Next: 08/31/2010 Annuity: End of Grace (Final Deadline): 02/28/2011
021318- 001210PC CCL (RTO)	Method and Apparatus for DTMF Detection and Voice Mixing in the CELP Parameter Domain	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	PCT/AU03/01413 10/24/2003		Inactive Expired
021318- 001210US CCL (RTO)	Method and Apparatus for DTMF Detection and Voice Mixing In the CELP Parameter Domain	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	10/693253 10/23/2003	7133521 11/07/200 6	Granted Notice Of Allowance: 06/21/2006 **Completed** Response to Office Action: 08/16/2005 **Completed** Response to Final Office Action: 03/20/2006 **Completed** Issue Fee: 09/21/2006 **Completed** Annuity: Next: 05/07/2010 Annuity: End of Grace (Final Deadline): 11/07/2010

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318-001220US CCL (RTO)	Method and Apparatus for DTMF Detection and Voice Mixing in CELP Parameter Domain	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh Ibrahim, Michael	11/524345 09/19/2006		Pending Published
021318-001300US CCL (RTO)	Method for Smart LSP Interpolation in Voice Transcoding	Jabri, Marwan A.	60/421270 10/25/2002		Inactive Expired
021318-001400US CCL (RTO)	Method for Multiple Input Source Voice Transcoding	Jabri, Marwan A.	60/421271 10/25/2002		Inactive Expired
021318-001500US (RTO)	Motion Vector Reuse for Video Transcoding	Jabri, Marwan A.	60/431054 12/04/2002		Inactive Expired
021318-001600US (RTO)	Gateway Based Call Fallback	Jabri, Marwan A.	60/433056 12/12/2002		Inactive Abandoned
021318-001700US CCL (RTO)	Optimization of H.324 \leftrightarrow H.323 Session Establishment in Multimedia Gateways	Jabri, Marwan A.	60/433252 12/12/2002		Inactive Expired
021318-001710CN CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southernen, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	200380106053.1 12/12/2003		Pending Published Int'l Filing Deadline (Final): 06/12/2005 **Completed** Request Examination (CN): 12/12/2005 **Completed** Response: 06/04/2006 **Completed**
021318-001710EP CCL KBC (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southernen, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	03767296.1 12/12/2003		Pending Published Examination Fee: 05/31/2005 **Completed** Int'l Filing Deadline (Final): 06/12/2005 **Completed** Annuity: Next: 12/12/2008 Annuity: End of Grace (Final Deadline): 06/12/2009
021318-001710IN KBC (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southernen, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	2234/DELNP/2005 12/12/2003		Pending Allowed per 1/25/08 FA fax, have requested amendment-s2m; per 1/18/08 FA email, app is allowed subject to approval of Controller-s2m; Executed POA and Form 1 sent to FA via fax/FedEx on 9/6/5 -ess; Int'l Filing Deadline (Final): 06/12/2005 **Completed** Request Examination: 12/12/2005 **Completed** Response: 01/18/2008 **Completed**

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TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 001710JP CCL KBC (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	2004-557676 12/12/2003		Pending Int'l Filing Deadline (Final): 06/12/2005 **Completed** Request Examination 10/1/01 beyond (JP): 12/12/2006 Response to Office Action: 06/12/2008
021318- 001710KR CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	10-2005-7010797 12/12/2003	10- 0733189 06/21/200 7	Granted Notice Of Allowance: 05/30/2007 **Completed** Int'l Filing Deadline (Final): 06/12/2005 **Completed** Response: 12/12/2006 **Completed** Response: 01/12/2007 **Completed** Issue Fee: 07/27/2007 **Completed** Request Examination (KR): 12/12/2008 **Completed** Annuity: Next: 06/21/2010 Annuity: End of Grace (Final Deadline): 12/21/2010
021318- 001710PC CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	PCT/AU2003/00166 2 12/12/2003		Inactive Expired -
021318- 001710US CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	10/732917 12/09/2003	7139279 11/21/200 6	Granted Notice Of Allowance: 09/22/2006 **Completed** Response to Office Action: 10/03/2006 **Completed** Issue Fee: 12/22/2006 **Completed** Annuity: Next: 05/21/2010 Annuity: End of Grace (Final Deadline): 11/21/2010
021318- 001711CN CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Jongbloed, Robert Wong, Albert	200510098609.8 09/05/2005		Pending Published An amended set of claims sent to FA via fax/email on 9/1/5 -ess; Int'l Filing Deadline (Final): 09/03/2005 **Completed** Response: 12/05/2005 **Completed** Response: 08/12/2007 Request Examination (CN): 09/03/2007 **Completed**

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 001711EP CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Jongbloed, Robert Wong, Albert	05255425.0 09/05/2005		Pending Published Filing, Search, Designation, Excess Claims Fee(s) paid + Designated Countries: AT BE BG CY CZ DK EE FI FR DE GR HU IS IE IT LV LT LU MC NL PL PT RO SK SI ES SE CH/LI GB TR + Extension Countries per assoc.'s 9-9-05 ltr. + Debit Note/jp. An amended set of claims sent to FA via fax/email on 9/1/5 -ess; Int'l Filing Deadline (Final): 09/03/2005 **Completed** Response: 02/16/2007 **Completed** Annuity: Next: 09/05/2008 Annuity: End of Grace (Final Deadline): 03/05/2009
021318- 001711IN CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Jongbloed, Robert Wong, Albert	2354/DEL/2005 09/02/2005		Pending An amended set of claims sent to FA via fax/email on 9/1/5 -ess; Int'l Filing Deadline (Final): 09/03/2005 **Completed** Power of Attorney: 11/02/2005 Response: 11/02/2005 **Completed** Response: 12/02/2005 **Completed** Request Examination: 09/02/2007 **Completed**
021318- 001711JP CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Jongbloed, Robert Wong, Albert	2005-255298 09/02/2005		Pending Published An amended set of claims sent to FA via fax/email on 9/1/5 -ess; Int'l Filing Deadline (Final): 09/03/2005 **Completed** Request Examination: 09/02/2008 Request Examination 10/1/01 beyond (JP): 09/02/2008
021318- 001711KR CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Jongbloed, Robert Wong, Albert	10-2005-0081944 09/02/2005	10- 0693633 03/05/200 7	Granted An amended set of claims sent to FA via fax/email on 9/1/5 -ess; Int'l Filing Deadline (Final): 09/03/2005 **Completed** Response: 12/26/2006 **Completed** Notice of Allowance Issue Fee Due: 03/27/2007 **Completed** Annuity: Next: 03/05/2010 Request Examination (KR): 09/02/2010 **Completed** Annuity: End of Grace (Final Deadline): 09/05/2010
021318- 001711US CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Jongbloed, Robert Wong, Albert	10/934077 09/03/2004	7206316 04/17/200 7	Granted Order letters for direct application filing sent to FA in EP/CN/JP/KR/IN on 8/26/5 -ess; Notice Of Allowance: 09/22/2006 **Completed** Foreign Filing Deadline: 09/03/2005 **Completed** Response to Office Action: 09/07/2006 **Completed** Issue Fee: 12/22/2006 **Completed** Annuity: Next: 10/17/2010 Annuity: End of Grace (Final Deadline): 04/17/2011

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 001712EP CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	07017639.1 12/12/2003		Pending Published Annuity: Next: 12/31/2008 Annuity: End of Grace (Final Deadline): 06/30/2009
021318- 001712IN KBC (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	539/DELNP/2008 12/12/2003		Pending 1st of 3 new divs: claims 1-13-s2m Response: 07/18/2008 Response: 07/18/2008 Request Examination: 07/18/2008
021318- 001712US CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	11/373413 03/10/2006	7161949 01/09/2007	Granted Notice Of Allowance: 09/22/2006 **Completed** Response to Office Action: 09/09/2006 **Completed** Issue Fee: 12/22/2006 **Completed** Annuity: Next: 07/09/2010 Annuity: End of Grace (Final Deadline): 01/09/2011
021318- 001713EP CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	07006646.9 12/12/2003		Pending Published Response: 03/12/2008 **Completed** Response to Office Action: 03/23/2008 **Completed** Annuity: Next: 12/12/2008 Annuity: End of Grace (Final Deadline): 06/12/2009
021318- 001713IN KBC (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	540/DELNP/2008 12/12/2003		Pending recd 5/12/08 FA fax w/draft of amended claims & draft manual-s2m; recd 5/6/08 FA fax w/draft of amended claims-s2m; second of three new divs; claims 19-32-s2m Response: 07/18/2008 Response: 07/18/2008 Request Examination: 07/18/2008

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 001713US CCL KBC (RTO)	Methods and Systems for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocol	Jabri, Marwan A. Southernen, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	11/449904 06/09/2006		Pending Allowed Notice Of Allowance: 03/03/2008 **Completed** Response to Office Action: 02/14/2008 **Completed** Issue Fee: 06/03/2008 **Completed**
021318- 001714IN KBC (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southernen, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	541/DELNP/2008 12/12/2003		Pending per 1/18/08 FA fax, has claims 33-39 of parent; is 3rd of 3 new divs-s2m Response: 07/18/2008 Response: 07/18/2008 Request Examination: 07/18/2008
021318- 001714US CCL (RTO)	Methods and Systems for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocol	Jabri, Marwan A. Southernen, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	11/449903 06/09/2006		Pending Allowed Notice Of Allowance: 03/03/2008 **Completed** Response to Office Action: 02/09/2008 **Completed** Issue Fee: 06/03/2008
021318- 001715US CCL (RTO)	Methods and Systems for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocol	Jabri, Marwan A. Southernen, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	11/560963 11/17/2006		Pending Published
021318- 001716US CCL (RTO)	Methods and Systems for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocol	Jabri, Marwan A. Jongbloed, Robert Wong, Albert	11/672480 02/07/2007	7366192 04/29/2008	Granted Notice Of Allowance: 11/29/2007 **Completed** Response: 12/29/2007 **Completed** Issue Fee: 02/29/2008 **Completed** Annuity: Next: 10/29/2011 Annuity: End of Grace (Final Deadline): 04/29/2012
021318- 001717US CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Jabri, Marwan A. Southernen, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert	11/608209 12/07/2006		Pending Published

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 001718US CCL (RTO)	Methods and Systems for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocol	Jabri, Marwan A. Southeren, Craig Jongbloed, Robert Jack, David Myers, David John Wong, Albert			Not yet filed
021318- 001719US CCL (RTO)	Methods and Systems for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocol	Jabri, Marwan A. Jongbloed, Robert Wong, Albert			Not yet filed
021318- 001800US CCL (RTO)	Multi-Codec Architecture Design	Jabri, Marwan A.	60/439366 01/09/2003		Inactive Expired
021318- 001900US CCL (RTO)	High Quality Audio Transcoding	Jabri, Marwan A.	60/439420 01/09/2003		Inactive Expired
021318- 001910CN CCL (RTO)	Method and Apparatus for Improved Quality Voice Transcoding	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola Ibrahim, Michael	200480002052.7 01/09/2004		Pending Published Int'l Filing Deadline (Final): 07/09/2005 **Completed** Request Examination (CN): 01/09/2006 **Completed** Response: 08/15/2006
021318- 001910EP CCL (RTO)	Method and Apparatus for Improved Quality Voice Transcoding	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola Ibrahim, Michael	04700933.7 01/09/2004		Inactive Abandoned
021318- 001910IN CCL (RTO)	Method and Apparatus for Improved Quality Voice Transcoding	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola Ibrahim, Michael	2800/DELNP/2005 01/09/2004		Inactive Abandoned
021318- 001910JP CCL (RTO)	Method and Apparatus for Improved Quality Voice Transcoding	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola Ibrahim, Michael	01/09/2004		Inactive Abandoned

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 001910KR CCL (RTO)	Method and Apparatus for Improved Quality Voice Transcoding	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola Ibrahim, Michael	10-2005-7012846 01/09/2004		Pending Allowed Notice Of Allowance: 03/13/2008 **Completed** Int'l Filing Deadline (Final): 07/09/2005 **Completed** Response: 11/25/2006 **Completed** Response: 01/25/2007 **Completed** Response: 08/26/2007 **Completed** Response to Office Action: 12/09/2007 **Completed** Grant Fee: 06/13/2008 Request Examination (KR): 01/09/2009 **Completed**
021318- 001910PC CCL (RTO)	Method and Apparatus for Improved Quality Voice Transcoding	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola Ibrahim, Michael	PCT/AU2004/00014 01/09/2004		Inactive Expired
021318- 001910US CCL (RTO)	Method and Apparatus for Improved Quality Voice Transcoding	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola Ibrahim, Michael	10/754468 01/09/2004	7263481 08/28/2007	Granted Notice Of Allowance: 04/18/2007 **Completed** Issue Fee: 07/18/2007 **Completed** Annuity: Next: 02/28/2011 Annuity: End of Grace (Final Deadline): 08/28/2011
021318- 001920KR CCL (RTO)	Method and Apparatus for Improved Quality Voice Transcoding	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola Ibrahim, Michael	01/09/2004		Inactive Never filed
021318- 001920US CCL (RTO)	Method for High Quality Audio Transcoding	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola Ibrahim, Michael	11/890283 08/02/2007		Pending
021318- 002400US CCL (RTO)	Transrating Video Transcoder	Jabri, Marwan A.	60/479226 06/16/2003		Inactive Expired
021318- 002410CN CCL (RTO)	Method And Apparatus for Handling Video Communications Errors	Brown, Stephen F. Jabri, Marwan A.	200580002906.6 01/20/2005		Pending Published Int'l Filing Deadline (Final): 07/21/2006 **Completed** Response: 10/23/2006 Request Examination (CN): 01/21/2007 **Completed** Response: 06/03/2007

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 002410EP CCL (RTO)	Method And Apparatus for Handling Video Communications Errors	Brown, Stephen F. Jabri, Marwan A.	05700091.1 01/20/2005		Pending Published Int'l Filing Deadline (Final): 07/21/2006 **Completed** Response: 09/22/2006 Annuity: End of Grace (Final Deadline): 07/20/2008
021318- 002410IN CCL (RTO)	Method And Apparatus for Handling Video Communications Errors	Brown, Stephen F. Jabri, Marwan A.	4302/DELNP/2006 01/20/2005		Pending Published Int'l Filing Deadline (Final): 07/21/2006 **Completed** Request Examination: 01/21/2008 **Completed**
021318- 002410JP CCL (RTO)	Method And Apparatus for Handling Video Communications Errors	Brown, Stephen F. Jabri, Marwan A.	2006-549779 01/20/2005		Pending Published Int'l Filing Deadline (Final): 07/21/2006 **Completed** Request Examination 10/1/01 beyond (JP): 01/20/2008 **Completed**
021318- 002410KR CCL (RTO)	Method And Apparatus for Handling Video Communication Errors	Brown, Stephen F. Jabri, Marwan A.	10-2006-7016356 01/20/2005		Pending Allowed Notice Of Allowance: 04/03/2008 **Completed** Int'l Filing Deadline (Final): 07/21/2006 **Completed** Response: 11/13/2006 **Completed** Response: 09/18/2007 **Completed** Response: 11/18/2007 **Completed** Response: 12/18/2007 **Completed** Issue Fee: 04/03/2008 **Completed** Grant Fee: 07/03/2008 Request Examination (KR): 01/20/2010 **Completed**
021318- 002410PC CCL (RTO)	Method And Apparatus for Handling Video Communications Errors	Brown, Stephen F. Jabri, Marwan A.	PCT/AU2005/00005 9 01/20/2005		Inactive Expired
021318- 002410US CCL (RTO)	Method and Apparatus for Handling Video Communications Errors	Brown, Stephen F. Jabri, Marwan A.	10/762829 01/21/2004		Pending Published Resp-1 mo. Restriction Requirement: 11/19/2007 **Completed** Response to Office Action: 03/03/2008 **Completed** Response: 04/18/2008
021318- 002500US CCL (RTO)	Method and Apparatus for Frame Classification and Rate Determination In Voice Transcoders for Telecommunications	Chong- White, Nicola Wang, Jianwei Jabri, Marwan A.	10/642422 08/14/2003		Pending Published Foreign Filing Deadline: 08/14/2004 **Completed** Response to Office Action: 08/09/2007 **Completed** Response to Final Office Action: 02/07/2008 **Completed** Response-2nd Office Action: 05/15/2008 **Completed**
021318- 002700US CCL KBC (RTO)	Method and Apparatus for Voice Transcoding Between Variable Rate Coders	Jabri, Marwan A. Wang, Jianwei Chong- White, Nicola	10/660468 09/10/2003		Pending Published Foreign Filing Deadline: 09/10/2004 **Completed** Resp-1 mo. Restriction Requirement: 09/10/2007 **Completed** Response to Office Action: 12/28/2007 **Completed** Response to Final Office Action: 06/13/2008 **Completed**

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318-002800CN CCL (RTO)	Method and Apparatus for Voice Trans-Rating In Multi-Rate Voice Coders for Telecommunications	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh	200580015171.0 05/10/2005		Inactive Abandoned
021318-002800EP CCL (RTO)	Method and Apparatus for Voice Trans-Rating In Multi-Rate Voice Coders for Telecommunications	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh	05747452.0 05/10/2005		Inactive Abandoned
021318-002800IN CCL (RTO)	Method and Apparatus for Voice Trans-Rating In Multi-Rate Voice Coders for Telecommunications	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh	6811/DELNP/2006 05/10/2005		Inactive Abandoned
021318-002800JP CCL (RTO)	Method and Apparatus for Voice Trans-Rating In Multi-Rate Voice Coders for Telecommunications	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh	2007-513321 05/10/2005		Inactive Abandoned
021318-002800KR CCL (RTO)	Method and Apparatus for Voice Trans-Rating In Multi-Rate Voice Coders for Telecommunications	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh	10-2006-7026075 05/10/2005		Inactive Abandoned
021318-002800PC CCL (RTO)	Method and Apparatus for Voice Trans-Rating In Multi-Rate Voice Coders for Telecommunications	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh	PCT/US05/16522 05/10/2005		Inactive Expired
021318-002800US CCL (RTO)	Method and Apparatus for Voice Trans-Rating In Multi-Rate Voice Coders for Telecommunications	Jabri, Marwan A. Wang, Jianwei Georgy, Sameh	10/843844 05/11/2004		Inactive Abandoned
021318-002900US CCL (RTO)	Method and Apparatus for Voice Transrating in Multi-Rate Voice Coders				Inactive Abandoned
021318-003000US CCL (RTO)	Method for Handling Video Communication Errors				Inactive Abandoned
021318-003200US CCL (RTO)	Non-Intrusive 3G-324M Traffic Sniffing and Interpretation				Inactive Abandoned
021318-003900US CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A.	60/636638 12/15/2004		Inactive Expired

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 003910CN CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	200580048370.1 12/15/2005		Pending Published Int'l Filing Deadline (Final): 06/15/2007 **Completed** Request Examination (CN): 12/15/2007 **Completed** Amendment: 06/15/2008
021318- 003910EP CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	05854790.2 12/15/2005		Pending Published per 7/18/07 FA email, designated states are: AT, BE, BG, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IS, IE, IT, LV, LT, LU, MC, NL, PL, PT, RO, SK, SI, ES, SE, CH/LI, TR, & GB-S2M Int'l Filing Deadline (Final): 06/15/2007 **Completed** Annuity: Next: 12/15/2008 Annuity: End of Grace (Final Deadline): 06/15/2009
021318- 003910IN CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	5470/DELNP/2007 12/15/2005		Pending Published Int'l Filing Deadline (Final): 06/15/2007 **Completed** Request Examination: 12/15/2008
021318- 003910JP CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	2007-547026 12/15/2005		Pending Int'l Filing Deadline (Final): 06/15/2007 **Completed** Request Examination 10/1/01 beyond (JP): 12/15/2008
021318- 003910KR CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	10-2007-7016265 12/15/2005		Pending 10/12/07 FA fax confirms filing request for change of address of inventors Kenrick & Jack on 10/4/07-s2m; per 8/8/07 FA fax, pls confirm if revised claims are acceptable; upon confirmation, will file 2 divs-s2m Int'l Filing Deadline (Final): 06/15/2007 **Completed** Request Examination (KR): 12/15/2010 **Completed**
021318- 003910PC CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	PCT/US05/46133 12/15/2005		Inactive Expired

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 003910US CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	11/303858 12/15/2005		Pending Published
021318- 003920JP CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	2007-231157 12/15/2005		Pending Request Examination: 12/15/2008
021318- 003920KR CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	10-2007-7022721 12/15/2005		Pending Request Examination (KR): 12/15/2010
021318- 003920US CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David			Not yet filed
021318- 003930JP CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	2007-231158 12/15/2005		Pending Request Examination: 12/15/2008
021318- 003930KR CCL (RTO)	Fast Session Setup Extension to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David	10-2007-7022724 12/15/2005		Pending Request Examination (KR): 12/15/2010
021318- 003930US CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Kenrick, Brody Jongbloed, Robert Jack, David			Not yet filed

46109/0141
JLS/345550.3

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REEL: 003809 FRAME: 0247

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 004000US CCL (RTO)	Method and System for Fast Set Up Session for Telecommunications	Jabri, Marwan A.	60/674160 04/21/2005		Inactive Expired
021318- 004010CN CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Jack, David Jongbloed, Robert Kenrick, Brody	200680013584.X 04/21/2006		Pending Int'l Filing Deadline (Final): 10/21/2007 **Completed** Request Examination (CN): 04/21/2008 **Completed**
021318- 004010EP CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Jack, David Jongbloed, Robert Kenrick, Brody	06751047.9 04/21/2006		Pending Published designating: AT BE BG CY CZ DK EE FI FR DE GR HU IS IE IT LV LT LU MC NL PO PT RO SK SI ES SE CH TR GB [h1w] Int'l Filing Deadline (Final): 10/21/2007 **Completed** Annuity: Next: 04/21/2009 Annuity: End of Grace (Final Deadline): 10/21/2009
021318- 004010IN CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Jack, David Jongbloed, Robert Kenrick, Brody	8098/DELNP/2007 04/21/2006		Pending recd 4/30/08 FA fax w/suggestions re claims- s2m Int'l Filing Deadline (Final): 10/21/2007 **Completed**
021318- 004010JP CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Jack, David Jongbloed, Robert Kenrick, Brody	2008-507947 04/21/2006		Pending Int'l Filing Deadline (Final): 10/21/2007 **Completed** Request Examination 10/1/01 beyond (JP): 04/21/2009
021318- 004010KR CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Jack, David Jongbloed, Robert Kenrick, Brody	10-2007-7026532 04/21/2006		Pending Int'l Filing Deadline (Final): 10/21/2007 **Completed** Request Examination (KR): 04/21/2011
021318- 004010PC CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Jack, David Jongbloed, Robert Kenrick, Brody	PCT/US06/15195 04/21/2006		Inactive Expired

46109/0141
JLS/345550.3

TRADEMARK
REEL: 003809 FRAME: 0248

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 004010US CCL (RTO)	Fast Session Setup Extensions to H.324	Jabri, Marwan A. Wong, Albert Jack, David Kenrick, Brody Jongbloed, Robert	11/408810 04/21/2006		Pending Published
021318- 004100US CCL (RTO)	Methods and System for Communications Between Equipment Using One or More Interleaved Mobile Level Stuffing Sequences	Jabri, Marwan A. Wong, Albert Kenrick, Brody	60/697788 07/08/2005		Inactive Expired
021318- 004110EP CCL (RTO)	Methods and System for Communications Between Equipment Using One or More Interleaved Mobile Level Stuffing Sequences	Jabri, Marwan A. Wong, Albert Kenrick, Brody	06786832.3 07/07/2006		Pending Published designating states: all contracting states (excluding ext. states) Int'l Filing Deadline (Final): 01/08/2008 **Completed** Annuity: Next: 07/07/2008 Annuity: End of Grace (Final Deadline): 01/07/2009
021318- 004110KR CCL (RTO)	Methods and System for Communications Between Equipment Using One or More Interleaved Mobile Level Stuffing Sequences	Jabri, Marwan A. Wong, Albert Kenrick, Brody	10-2008-7003257 07/07/2006		Pending Int'l Filing Deadline (Final): 01/08/2008 **Completed** Request Examination (KR): 07/07/2011
021318- 004110PC CCL (RTO)	Methods and System for Communications Between Equipment Using One or More Interleaved Mobile Level Stuffing Sequences	Jabri, Marwan A. Wong, Albert Kenrick, Brody	PCT/US06/26803 07/07/2006		Inactive Expired
021318- 004110US CCL (RTO)	Methods and System for Communications Between Equipment Using One or More Interleaved Mobile Level Stuffing Sequences	Jabri, Marwan A. Wong, Albert Kenrick, Brody	11/482515 07/07/2006		Pending
021318- 004300US CCL (RTO)	Method and Apparatus for Providing Interactive and Arbitrary Media During Communication in Channel Based Media Telecommu	Kenrick, Brody Jabri, Marwan A.	60/704191 07/28/2005		Inactive Expired
021318- 004310CN CCL (RTO)	Method and Apparatus for Providing Interactive Media During Communication in Channel- Based Media Telecommunication Prot	Kenrick, Brody Jabri, Marwan A.	07/28/2006		Pending Int'l Filing Deadline (Final): 01/28/2008 **Completed** Request Examination (CN): 07/28/2008
021318- 004310KR CCL (RTO)	Method and Apparatus for Providing Interactive Media During Communication in Channel- Based Media Telecommunication Prot	Kenrick, Brody Jabri, Marwan A.	10-2008-7004833 07/28/2006		Pending Int'l Filing Deadline (Final): 01/28/2008 **Completed** Request Examination (KR): 07/28/2011
021318- 004310PC CCL (RTO)	Method and Apparatus for Providing Interactive Media During Communication in Channel- Based Media Telecommunication Prot	Kenrick, Brody Jabri, Marwan A.	PCT/US06/29236 07/28/2006		Inactive Expired

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 004310US CCL (RTO)	Method and Apparatus for Providing Interactive Media During Communication In Channel-Based Media Telecommunication Proto	Kenrick, Brody Jabri, Marwan A.	11/496058 07/28/2006		Pending Published Foreign Filing Deadline: 07/28/2007 **Completed**
021318- 004600US CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Kenrick, Brody Jabri, Marwan A. Jongbloed, Robert Wong, Albert	60/725950 10/11/2005		Inactive Expired
021318- 004610PC CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Kenrick, Brody Jabri, Marwan A. Jongbloed, Robert Jack, David Wong, Albert	PCT/US06/40012 10/11/2006		Inactive Abandoned
021318- 004610US CCL (RTO)	Methods and System for Fast Session Establishment Between Equipment Using H.324 and Related Telecommunications Protocols	Kenrick, Brody Jabri, Marwan A. Jongbloed, Robert Jack, David Wong, Albert	11/548670 10/11/2006		Pending Published Foreign Filing Deadline: 10/11/2007
021318- 004700US CCL (RTO)	Decoupled Session Signaling in a Multimedia Gateway	Taylor, Nathan Jack, David Sammut, Mario Jabri, Marwan	60/735270 11/09/2005		Inactive Expired
021318- 004710PC CCL (RTO)	Accelerated Session Establishment in a Multimedia Gateway	Taylor, Nathan Jack, David Sammut, Mario Jabri, Marwan Kenrick, Brody	PCT/US06/43685 11/08/2006		Pending Published Int'l Filing Deadline (Final): 11/09/2006 **Completed** Chapter 2 Demand (Due): 06/09/2007 **Completed** Response to Written Opinion (Optional): 03/19/2008 Chapter 2 National Phase Deadline: 05/09/2008 **Completed**
021318- 004710US CCL (RTO)	Accelerated Session Establishment in a Multimedia Gateway	Taylor, Nathan Jack, David Sammut, Mario Jabri, Marwan Kenrick, Brody	11/557725 11/08/2006		Pending Published
021318- 004800US CCL (RTO)	Fast Session Set Up Process for Telecommunication Networks	Brody, Kenrick Wong, Albert Jabri, Marwan A.	60/739342 11/23/2005		Inactive Expired

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 004810PC CCL (RTO)	Methods and Sustem for Fast Session Establishment for H.324 and Related Telecommunications Terminals	Jabri, Marwan A. Wong, Albert Brody, Kenrick	PCT/US06/61213 11/22/2006		Pending Published Int'l Filing Deadline (Final): 11/23/2006 **Completed** Chapter 2 Demand (Due): 06/23/2007 **Completed** Chapter 2 National Phase Deadline: 05/23/2008 **Completed**
021318- 004810US CCL (RTO)	Methods and System for Fast Session Establishment for H.324 and Related Telecommunications	Jabri, Marwan A. Wong, Albert Kenrick, Brody	11/604177 11/22/2006		Pending Published
021318- 004900US CCL (RTO)	Method and Apparatus of Voice Mixing for Conferencing Amongst Diverse Networks	Raad, Mohamad Wang, Jianwei Jabri, Marwan A.	60/740823 11/29/2005		Inactive Expired
021318- 004910PC CCL (RTO)	Method and Apparatus of Voice Mixing for Conferencing Amongst Diverse Networks	Raad, Mohamad Wang, Jianwei Jabri, Marwan A.	PCT/US06/61354 11/29/2006		Pending Published Int'l Filing Deadline (Final): 11/29/2006 **Completed** Chapter 2 Demand (Due): 06/29/2007 **Completed** Chapter 2 National Phase Deadline: 05/29/2008
021318- 004910US CCL (RTO)	Method and Apparatus of Voice Mixing for Conferencing Amongst Diverse Networks	Raad, Mohamad Wang, Jianwei Jabri, Marwan A.	11/564794 11/29/2006		Pending Published
021318- 005000US CCL (RTO)	Multimedia Exchange Architecture and Services	Jabri, Marwan A. Kenrick, Brody Wong, Albert Jack, David	60/758749 01/13/2006		Inactive Expired
021318- 005010PC CCL (RTO)	Interactive Multimedia Exchange Architecture and Services	Jabri, Marwan A. Kenrick, Brody Jack, David Wong, Albert	PCT/US2007/060515 01/12/2007		Pending Published rec'd postcard date-stamped by USPTO on 8/14/07 re Response to Invitation to Correct Defects: signature pages & formal drawings- s2m Int'l Filing Deadline (Final): 01/13/2007 **Completed** Chapter 2 Demand (Due): 08/13/2007 **Completed** Response to Written Opinion (Optional): 07/09/2008 Chapter 2 National Phase Deadline: 07/13/2008
021318- 005010US CCL (RTO)	Interactive Multimedia Exchange Architecture and Services	Jabri, Marwan A. Kenrick, Brody Jack, David Wong, Albert	11/622951 01/12/2007		Pending Published

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 005020US CCL (RTO)	Multimedia Content Exchange Architecture and Services	Kenrick, Brody Jabri, Marwan A. Jack, David Wong, Albert	11/622999 01/12/2007		Pending Published
021318- 005030US CCL (RTO)	Multimedia Streaming and Gaming Architecture and Services	Jabri, Marwan A. Kenrick, Brody Jack, David Wong, Albert	11/622965 01/12/2007		Pending Published
021318- 005100US CCL (RTO)	Method and Apparatus for Controlling Interactive Media in Channel-Based Media Telecommunications Protocols				Inactive Abandoned
021318- 005200US CCL (RTO)	Method and Apparatus for Providing Interactive and Arbitrary Media During Communication In Channel Based Media Telecommu	Kenrick, Brody Jabri, Marwan A. Jack, David Taylor, Nathan	60/785503 03/23/2006		Inactive Expired
021318- 005210PC CCL (RTO)	Method and Apparatus for Providing Interactive Media During Communications In Channel- Based Media Telecommunication Pr	Kenrick, Brody Jabri, Marwan A. Jack, David Taylor, Nathan	PCT/US07/64844 03/23/2007		Pending Published Int'l Filing Deadline (Final): 03/23/2007 **Completed** Chapter 2 Demand (Due): 10/23/2007 **Completed** Response to Written Opinion (Optional): 02/13/2008 Chapter 2 National Phase Deadline: 09/23/2008
021318- 005210US CCL (RTO)	Method and Apparatus for Providing Interactive Media During Communication in Channel-Based Media Telecommunication Proto	Kenrick, Brody Jabri, Marwan A.	11/690730 03/23/2007		Pending Foreign Filing Deadline: 03/23/2008 **Completed**
021318- 005220US CCL (RTO)	Methods and Apparatus for Billing for Media During Communications in Channel- Based Media Telecommunication Protocols	Kenrick, Brody Jabri, Marwan A. Jack, David Taylor, Nathan	11/690733 03/23/2007		Pending Foreign Filing Deadline: 03/23/2008 **Completed**
021318- 005300US CCL (RTO)	Method and Apparatus for Accelerated Session Setup	Jabri, Marwan A. Wong, Albert Kenrick, Brody Raad, Mohamad	60/791300 04/11/2006		Inactive Expired

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 005310PC CCL (RTO)	Method and Apparatus for Combining Session Acceleration Techniques for Media Oriented Negotiation Acceleration	Jabri, Marwan A. Jack, David Jongbloed, Robert Kenrick, Brody Myers, David John Raad, Mohamad Southernen, Craig Wong, Albert	PCT/US2007/066462 04/11/2007		Pending Published Int'l Filing Deadline (Final): 04/11/2007 **Completed** Chapter 2 Demand (Due): 11/11/2007 **Completed** Response to Written Opinion (Optional): 02/13/2008 Chapter 2 National Phase Deadline: 10/11/2008
021318- 005310US CCL (RTO)	Methods and Apparatus for Combining Session Acceleration Techniques for Media Oriented Negotiation Acceleration	Jabri, Marwan A. Jack, David Jongbloed, Robert Kenrick, Brody Myers, David John Raad, Mohamad Southernen, Craig Wong, Albert	11/734209 04/11/2007		Pending Published Foreign Filing Deadline: 04/11/2008 **Completed**
021318- 005400US CCL (RTO)	Method and Apparatus for Smart Video Mixing	Ma, Zhonghua Wang, Jianwei Jabri, Marwan A.	60/793746 04/21/2006		Inactive Expired
021318- 005410PC CCL (RTO)	Method and Apparatus for Video Mixing	Ma, Zhonghua Wang, Jianwei Jabri, Marwan A.	PCT/US07/09893 04/23/2007		Pending Published rec'd postcard date-stamped by USPTO on 8/13/07 re Response to Invitation to Correct Defects: formal drawings-s2m Int'l Filing Deadline (Final): 04/21/2007 **Completed** Chapter 2 Demand (Due): 11/21/2007 **Completed** Chapter 2 National Phase Deadline: 10/21/2008
021318- 005410US CCL (RTO)	Method and Apparatus for Video Mixing	Ma, Zhonghua Wang, Jianwei Jabri, Marwan A.	11/738806 04/23/2007		Pending
021318- 005500US CCL (RTO)	Method For Video Encoding and Transcoding	Heng, Wei Jyh Zhou, Wei Wang, Jianwei Jabri, Marwan A.	60/793747 04/21/2006		Inactive Expired

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 005510PC CCL (RTO)	Method For Video Encoding and Transcoding	Heng, Wei Jyh Zhou, Wei Wang, Jianwei Jabri, Marwan A. Kenrick, Brody	PCT/US07/067230 04/23/2007		Pending Published Int'l Filing Deadline (Final): 04/21/2007 **Completed** Chapter 2 Demand (Due): 11/21/2007 **Completed** Chapter 2 National Phase Deadline: 10/21/2008
021318- 005510US CCL (RTO)	Method and System for Video Encoding and Transcoding	Heng, Wei Jyh Zhou, Wei Wang, Jianwei Jabri, Marwan A. Kenrick, Brody	11/738816 04/23/2007		Pending
021318- 005600US CCL (RTO)	Method and Apparatus for Audio Transcoding	Huo, Jiaquan Raad, Mohamad Wang, Jianwei Jabri, Marwan Anwar	60/793981 04/21/2006		Inactive Expired
021318- 005610PC CCL (RTO)	Method and Apparatus for Audio Transcoding	Huo, Jiaquan Raad, Mohamad Wang, Jianwei Jabri, Marwan Anwar	PCT/US2007/067220 04/23/2007		Pending Published Int'l Filing Deadline (Final): 04/21/2007 **Completed** Response: 08/21/2007 **Completed** Chapter 2 Demand (Due): 11/21/2007 **Completed** Response to Written Opinion (Optional): 06/12/2008 Chapter 2 National Phase Deadline: 10/21/2008
021318- 005610US CCL (RTO)	Method and Apparatus for Audio Transcoding	Huo, Jiaquan Raad, Mohamad Wang, Jianwei Jabri, Marwan Anwar	11/738822 04/23/2007		Pending
021318- 005700US CCL (RTO)	Method and Apparatus for Compressed Video Bitstream Conversion With Reduced- Algorithmic-Delay	Heng, Wei Jyh Wang, Jianwei Zhou, Wei Jabri, Marwan Anwar	60/847464 09/26/2006		Inactive Expired
021318- 005710PC CCL (RTO)	Method and Apparatus for Compressed Video Bitstream Conversion With Reduced- Algorithmic-Delay	Heng, Wei Jyh Zhou, Wei Wang, Jianwei Jabri, Marwan Anwar Zhao, Chengji	PCT/US07/79573 09/26/2007		Pending Published Int'l Filing Deadline (Final): 09/26/2007 **Completed** Chapter 2 Demand (Due): 04/26/2008 **Completed** Response to Written Opinion (Optional): 07/26/2008 Chapter 2 National Phase Deadline: 03/26/2009

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 005710US CCL (RTO)	Method and Apparatus for Compressed Video Bitstream Conversion with Reduced- Algorithmic-Delay	Heng, Wei Jyh Zhou, Wei Wang, Jianwei Jabri, Marwan Anwar Zhao, Chengji	11/862117 09/26/2007		Pending Published
021318- 006500US CCL (RTO)	Method and Apparatus for the Adaptation of Multimedia Content In Telecommunications Networks	Jabri, Marwan A. Raad, Mohamad Jack, David Kenrick, Brody	60/889237 02/09/2007		Inactive Expired
021318- 006510PC CCL (RTO)	Method and Apparatus for the Adaptation of Multimedia Content In Telecommunications Networks	Jabri, Marwan A. Raad, Mohamad Jack, David Kenrick, Brody	PCT/US08/53605 02/11/2008		Pending Int'l Filing Deadline (Final): 02/09/2008 **Completed** Response: 05/31/2008 Chapter 2 Demand (Due): 09/09/2008 Chapter 2 National Phase Deadline: 08/09/2009
021318- 006510US CCL (RTO)	Method and Apparatus for the Adaptation of Multimedia Content in Telecommunications Networks	Jabri, Marwan A. Raad, Mohamad Jack, David Kenrick, Brody	12/029119 02/11/2008		Pending
021318- 006600US CCL (RTO)	Method and Apparatus for a Multimedia Value Added Service Delivery System	Jabri, Marwan A. Kenrick, Brody Wong, Albert Wang, Jianwei Jack, David	60/889249 02/09/2007		Inactive Expired
021318- 006610PC CCL (RTO)	Method and Apparatus for a Multimedia Value Added Service Delivery System	Jabri, Marwan A. Kenrick, Brody Wong, Albert Wang, Jianwei Jack, David	PCT/US2008/053599 02/11/2008		Pending Int'l Filing Deadline (Final): 02/09/2008 **Completed** Chapter 2 Demand (Due): 09/09/2008 Chapter 2 National Phase Deadline: 08/09/2009
021318- 006610US CCL (RTO)	Method and Apparatus for a Multimedia Value Added Service Delivery System	Jabri, Marwan A. Kenrick, Brody Wong, Albert Wang, Jianwei Jack, David	12/029146 02/11/2008		Pending
021318- 007000US CCL (RTO)	Method and Apparatus for Providing Interactive Media During Communication In Channel-Based Media Telecommunication Proto.				Inactive Abandoned

46109/0141
JLS/345550.3

TTC Ref Country ATTY(s) Handling	Title	Inventor	Application No. Filing Date	Patent No. Issue Date	Status Remarks
021318- 007100US CCL (RTO)	Method and Apparatus for Providing Interactive Media During Communication In Channel-Based Media Telecommunication Proto	Kenrick, Brody Jabri, Marwan A. Wong, Albert Wang, Jianwei	60/913508 04/23/2007		Inactive Expired
021318- 007300US CCL SSR (RTO)	Method and System for Receiving and Broadcasting Participatory Multimedia	Kenrick, Brody Jabri, Marwan A.	60/916760 05/08/2007		Inactive Expired
021318- 007600US KBC (RTO)	Method and Apparatus for Video Share Value Added Services	Wong, Albert Wang, Jianwei Jabri, Marwan Kenrick, Brody	61/068965 03/10/2008		Pending Foreign Filing Deadline: 03/10/2009

46109/0141
JLS/345550.3

EXHIBIT C

Trademarks

Country	Trademark	Classes	App No. Filing Date	Reg No. Issue Date	Status & Remarks	TTC Ref No. Attys Handling Client's Ref No
European Union	UNICODING	9	003590841 12/19/2003	003590841 07/06/2005	Registered Next Due Date: Next Renewal Due 12/19/2013	021318-002100EU (DES) - E2B
Taiwan	UNICODING	9	092072943 12/19/2003	01140488 02/16/2005	Registered Next Due Date: Next Renewal Due 02/15/2015	021318-002100TW (DES) - E2B
United States of America	UNICODING		78/264406 06/19/2003		Inactive - Abandoned	021318-002100US (DES) - E2B
WIPO	UNICODING	9	12/18/2003	825052 12/18/2003	Inactive - Abandoned Next Due Date: Next Renewal Due 12/18/2013	021318-002100WO (DES) - E2B
China	UNICODING	9	12/18/2003	825052 03/05/2008	Registered - Do Not Renew Next Due Date: Next Renewal Due 12/18/2013	021318-002100WO/CN (DES) - E2B
Japan	UNICODING	9	12/18/2003	825052 12/18/2003	Inactive	021318-002100WO/JP (DES) - E2B
Korea (South)	UNICODING	9	12/18/2003	825052 12/18/2003	Inactive	021318-002100WO/KR (DES) - E2B
European Union	DTG 2000	9	003590288 12/19/2003	003590288 03/22/2005	Registered Next Due Date: Next Renewal Due 12/19/2013	021318-002200EU (DES) - E2B
Taiwan	DTG 2000	9	092072946 12/19/2003	01168562 08/16/2007	Registered Next Due Date: Next Renewal Due 08/15/2015	021318-002200TW (DES) - E2B
United States of America	DTG 2000	9	78/264399 06/19/2003	3056190 01/31/2006	Registered Next Due Date: Affidavit Due - 12 Mo Reminder 01/31/2011	021318-002200US (DES) - E2B
WIPO	DTG 2000	9	12/18/2003	819586 12/18/2003	Registered Next Due Date: Next Renewal Due 12/18/2013	021318-002200WO (DES)
China	DTG 2000	9	819586 12/18/2003	819586 03/10/2008	Registered Next Due Date: Next Renewal Due 12/18/2013	021318-002200WO/CN (DES)
Japan	DTG 2000	9	12/18/2003	819586 04/15/2005	Registered Next Due Date: Next Renewal Due 12/18/2013	021318-002200WO/JP (DES)
Korea (South)	DTG 2000	9	12/18/2003	819586 09/30/2005	Registered	021318-002200WO/KR (DES)
European Union	COMMUNICATIONS FOR A BORDERLESS WORLD	9	003590353 12/19/2003		Inactive - Abandoned	021318-002300EU (DES) - E2B
Taiwan	COMMUNICATIONS FOR A BORDERLESS WORLD	9	092072944 12/19/2003	01140489 02/16/2005	Registered Next Due Date: Next Renewal Due 02/15/2015	021318-002300TW (DES) - E2B
United States of America	COMMUNICATIONS FOR A BORDERLESS WORLD	9	78/264383 06/19/2003	3051531 01/24/2006	Registered Next Due Date: Affidavit Due - 12 Mo Reminder 01/24/2011	021318-002300US (DES) - E2B
WIPO	COMMUNICATIONS FOR A BORDERLESS WORLD	9	12/18/2003	826901 12/18/2003	Registered Next Due Date: Next Renewal Due 12/18/2013	021318-002300WO (DES) - E2B

46109/0141
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Country	Trademark	Classes	App No. Filing Date	Reg No. Issue Date	Status & Remarks	TTC Ref No. Atty's Handling Client's Ref No
China	COMMUNICATIONS FOR A BORDERLESS WORLD	9	12/18/2003		Pending	021318-002300WO/CN (DES) - E2B
Japan	COMMUNICATIONS FOR A BORDERLESS WORLD	9	12/18/2003	826901 12/18/2003	Registered Next Due Date: Next Renewal Due 12/18/2013	021318-002300WO/JP (DES) - E2B
Korea (South)	COMMUNICATIONS FOR A BORDERLESS WORLD	9	12/18/2003		Pending	021318-002300WO/KR (DES) - E2B
European Union	ANSWERFAST	9	003590767 12/19/2003	003590767 05/13/2005	Registered Next Due Date: Next Renewal Due 12/19/2013	021318-002600EU (DES) - E2B
Taiwan	ANSWERFAST	9	092072945 12/19/2003	01140490 02/16/2005	Registered Next Due Date: Next Renewal Due 02/15/2015	021318-002600TW (DES) - E2B
United States of America	ANSWERFAST	9	78/280224 07/29/2003		Pending - Allowed	021318-002600US (DES) - E2B
WIPO	ANSWERFAST	9	12/18/2003	819505 12/18/2003	Registered - Do Not Renew Next Due Date: Next Renewal Due 12/18/2013	021318-002600WO (DES) - E2B
China	ANSWERFAST	9	12/18/2003		Pending	021318-002600WO/CN (DES) - E2B
Japan	ANSWERFAST	9	12/18/2003		Inactive - Refused	021318-002600WO/JP (DES) - E2B
Korea (South)	ANSWERFAST	9	12/18/2003	819505	Pending	021318-002600WO/KR (DES) - E2B
European Union	VT PHONE	9	004062832 10/11/2004		Inactive - Abandoned	021318-003100EU (DES) - E2B
Taiwan	VT PHONE	9	093048841 10/22/2004		Inactive - Abandoned	021318-003100TW (DES) - E2B
United States of America	VT PHONE	9	78/432665 06/09/2004		Inactive - Abandoned	021318-003100US (DES) - E2B
WIPO	VT PHONE	9	10/12/2004	841504 10/12/2004	Registered Next Due Date: Next Renewal Due 10/12/2014	021318-003100WO (DES) - E2B
China	VT PHONE	9	10/12/2004	841504 10/12/2004	Registered	021318-003100WO/CN (DES) - E2B
Japan	VT PHONE	9	10/12/2004		Pending	021318-003100WO/JP (DES) - E2B
Korea (South)	VT PHONE	9	10/12/2004	841504	Pending	021318-003100WO/KR (DES) - E2B
China	VIDEO REFRESH	9	4514508 02/25/2005		Inactive - Abandoned	021318-003300CN (DES) - E2B
European Union	VIDEO REFRESH	9	004309308 02/25/2005		Inactive - Abandoned	021318-003300EU (DES) - E2B
Japan	VIDEO REFRESH	9	2005- 16067 02/25/2005	4882784 07/22/2005	Registered Next Due Date: Next Renewal Due 07/22/2015	021318-003300JP (DES) - E2B
Korea (South)	VIDEO REFRESH	9	2005-8152 02/26/2005		Inactive - Abandoned	021318-003300KR (DES) - E2B
United States of America	VIDEO REFRESH	9	78/474648 08/27/2004		Pending - Allowed	021318-003300US (DES) - E2B

46109/0141
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Country	Trademark	Classes	App No. Filing Date	Reg No. Issue Date	Status & Remarks	TTC Ref No. Attys Handling Client's Ref No
Taiwan	DILITHIUM NETWORKS	9, 42	093057772 12/10/2004	01197282 02/16/2006	Registered Next Due Date: Next Renewal Due 02/15/2016	021318-003400TW (DES) - E2B
United States of America	DILITHIUM NETWORKS	9, 41, 42	78/499609 10/14/2004	3225637 04/03/2007	Registered Next Due Date: Affidavit Due - 12 Mo Reminder 04/03/2012	021318-003400US (DES) - E2B
WIPO	DILITHIUM NETWORKS	9, 42	10/14/2004	851930 10/14/2004	Registered - Do Not Renew Next Due Date: Next Renewal Due 10/14/2014	021318-003400WO (DES) - E2B
China	DILITHIUM NETWORKS	9, 42	10/14/2004	851930 10/14/2004	Registered - Do Not Renew Next Due Date: Next Renewal Due 10/14/2014	021318-003400WO/CN (DES) - E2B
European Union	DILITHIUM NETWORKS	9, 42	10/14/2004	851930 10/14/2004	Registered - Do Not Renew	021318-003400WO/EU (DES) - E2B
Japan	DILITHIUM NETWORKS	9, 41, 42	10/14/2004	851930 10/14/2004	Registered - Do Not Renew	021318-003400WO/JP (DES) - E2B
Korea (South)	DILITHIUM NETWORKS	9, 42	10/14/2004	851930 10/14/2004	Registered - Do Not Renew	021318-003400WO/KR (DES) - E2B
United Kingdom	DILITHIUM	9, 42	2383799 02/07/2005	2383799 10/21/2005	Registered Next Due Date: Next Renewal Due 02/07/2015	021318-003700GB (DES) - E2B
United States of America	DILITHIUM	9, 42	78/498218 10/12/2004		Pending - Allowed	021318-003700US (DES) - E2B
European Union	DILITHIUM Logo	9, 42	004461034 06/23/2005	004461034 07/27/2006	Registered Next Due Date: Next Renewal Due 06/23/2015	021318-003800EU (DES) - E2B
Taiwan	DILITHIUM Logo	9, 42	094030207 06/22/2005	01197436 02/16/2006	Registered Next Due Date: Next Renewal Due 02/15/2016	021318-003800TW (DES) - E2B
United States of America	DILITHIUM Logo	9, 41, 42	78/537579 12/23/2004		Pending - Allowed	021318-003800US (DES) - E2B
WIPO	DILITHIUM Logo	9, 41, 42	06/21/2005	885241 06/21/2005	Registered Next Due Date: Next Renewal Due 06/21/2015	021318-003800WO (DES) - E2B
China	DILITHIUM Logo	9	06/21/2005	885241 06/21/2005	Registered	021318-003800WO/CN (DES) - E2B
Japan	DILITHIUM Logo	9	06/21/2005	885241 06/21/2005	Registered - Do Not Renew	021318-003800WO/JP (DES) - E2B
Korea (South)	DILITHIUM Logo	9, 41, 42	06/21/2005	885241 06/21/2005	Registered - Published	021318-003800WO/KR (DES) - E2B
China	DTG	9	6040879 05/09/2007		Pending	021318-006300CN (DES) - E2B
European Union	DTG	9	5841069 04/18/2007	5841069 03/04/2008	Registered Next Due Date: Next Renewal Due 04/18/2017	021318-006300EU (DES)
Japan	DTG	9	2007- 41576 04/25/2007		Pending	021318-006300JP (DES)
Korea (South)	DTG	9	2007 24282 05/07/2007		Pending - Published	021318-006300KR (DES)
Taiwan	DTG	9	096017440 04/17/2007		Pending - Accepted	021318-006300TW (DES)
United States of America	DTG	9	77/042934 11/13/2006		Pending - Allowed Next Due Date: SOU/EOT 6 Month 08/26/2008	021318-006300US (DES) - E2B

46109/0141
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Country	Trademark	Classes	App No. Filing Date	Reg No. Issue Date	Status & Remarks	TTC Ref No. Attys Handling Client's Ref No
United States of America	VT-RING	9	77/185106 05/18/2007		Pending - Published	021318-007200US (DES)

46109/0141
JLS/345550.3

RECORDED: 06/30/2008

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