

08-31-2006



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

Form PTO-1594
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

20-28-06

1. Name of conveying party(ies):

CASPIAN NETWORKS, INC.

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

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

2. Name and address of receiving party(ies)

Name: Venture Lending & Leasing IV, Inc.

Internal

Address: _____

Street Address: 2010 North First Street

City: San Jose State: CA Zip: 95131

- Individual(s) citizenship _____
- Association _____
- General Partnership _____
- Limited Partnership _____
- Corporation-State Maryland
- Other _____

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

3. Nature of conveyance:

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

Execution Date: 6/21/06

4. Application number(s) or registration number(s):

A. Trademark Application No.(s) 78/914,293

B. Trademark Registration No.(s) 2,970,909; 2,967,389

Additional number(s) attached Yes No

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

Name: Russell D. Pollock, Esq.

Internal Address: _____

Street Address: Greene Radovsky Maloney & Share LLP
Four Embarcadero Center, Suite 4000

City: San Francisco State: CA Zip: 94111

6. Total number of applications and registrations involved: 3

7. Total fee (37 CFR 3.41).....\$ 90.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: _____

RECORDS SECTION
AUG 23 PM 4:22

DO NOT USE THIS SPACE

9. Signature.

Jeffrey T. Klugman

Signature

8/23/06

Date

08/30/2006 DBYRNE Name of Person Signing 0000013-78714293

Total number of pages including cover sheet, attachments, and document: 11

01 FC:8521
02 FC:8522

40.00 DP
50.00 DP

All documents to be recorded with required cover sheet information to:
Commissioner of Patent & Trademarks, Box Assignments
Washington, D.C. 20231

TRADEMARK
REEL: 003389 FRAME: 0558

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is made as of June 21, 2006, by and between CASPIAN NETWORKS, INC., a Delaware corporation ("Grantor"), and VENTURE LENDING & LEASING IV, INC., a Maryland corporation ("Secured Party").

RECITALS

A. Pursuant to a Loan and Security Agreement and Supplement thereto, both dated as of August 10, 2005 (the "Loan Agreement" and the "Supplement," respectively) between Grantor, as borrower, and Secured Party, as lender, Secured Party agreed to make certain advances of money and to extend certain financial accommodations to Grantor in the amounts and manner set forth in the Loan Agreement and Supplement. All capitalized terms used herein without definition shall have the meanings ascribed to them in the Loan Agreement.

B. Pursuant to the Supplement, Grantor agreed to execute and deliver this Agreement upon the occurrence or non-occurrence of certain events and conditions described therein.

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 or any political subdivision thereof; 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 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 forfeit Grantor's rights in such "intent to use" trademarks under applicable law or (b) any contract, instrument or chattel paper in which Grantor has any right, title or interest if and to the extent such 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 Article 9 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. Grantor covenants and agrees as follows:

(a) Grantor shall deliver to Secured Party within thirty (30) days of the last day of each fiscal quarter in which there is a change or update to the reported contents from the previous 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;

(b) Grantor shall use reasonable commercial efforts to (i) protect, defend and maintain the validity and enforceability of the Trademarks, Patents and Copyrights, (ii) detect infringements of the 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 except upon a determination by Grantor's Board of Directors that such action is appropriate in its sole but reasonable commercial judgment;

(c) 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, prior to the sale or licensing of such product or the rendering of such service to any third party (including without limitation revisions or additions to the intellectual property rights listed on such Exhibits A, B and C), except, in each case, with respect to such rights that Grantor determines in its sole but reasonable commercial judgment need not be registered to protect its own business interests. 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

(d) Grantor shall use commercially reasonable efforts to avoid the inclusion in any material contract to which it becomes a party of any provisions that 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) 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 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 by 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 without the signature of Grantor where permitted by law, and (iii) subject to Section 7 of Part 2 of the Supplement, after the occurrence and during the continuance 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 California Uniform Commercial Code. The foregoing notwithstanding, Secured Party may not utilize the power of attorney under this subsection to register any Copyright with the Copyright Office that Grantor, in the exercise of its rights under Section 2(c) has elected not to so register., unless such registration is required for Secured Party to perfect its security interest in such Copyright.

(c) Secured Party agrees that it shall release its Lien on the Collateral (as such term is defined herein) on the terms and conditions set forth in the Supplement and to execute and deliver, at Grantor's sole cost and expense, all documents and instruments necessary to effectuate such release.

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) Grantor breaches any warranty or agreement made by Grantor in this Agreement and, as to any breach that is capable of cure, Grantor fails to cure such breach within thirty (30) days of 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 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.

Remainder of this page intentionally left blank; signature page follows

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

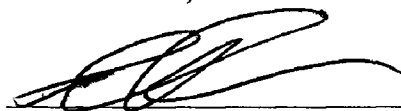
GRANTOR:

Address of Grantor:

170 Baytech Drive
San Jose, CA 95134-2302
Attn: Chief Financial Officer

CASPIAN NETWORKS, INC.

By:



Name:

THOMAS E. CARLSON

Its:

CFO

SECURED PARTY:

Address of Secured Party:

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

VENTURE LENDING & LEASING IV, INC.

By:

Name: Ronald W. Swenson

Its:

CEO

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

GRANTOR:

Address of Grantor:

170 Baytech Drive
San Jose, CA 95134-2302
Attn: Chief Financial Officer

CASPIAN NETWORKS, INC.

By: _____

Name: _____

Its: _____

SECURED PARTY:

Address of Secured Party:

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

VENTURE LENDING & LEASING IV, INC.

By:  _____

Name: Ronald W. Swenson

Its: CEO

EXHIBIT A

Copyrights

Description

Registration Number

Registration Date

NONE.

Patent Title	Number	Filed	Serial App Number	Status
System and Method for Network Tunneling Utilizing Micro-flow State Information	CASPP003	1/16/2002		Issued 6,977,932
Reducing Flexing and Component Interference of Printed Circuit Board Assemblies	5607	9/7/2001	09/966,986	WITHDRAWN 2/18/2005
Micro-flow Scheduler Incorporated into Micro-flow Management				
Mechanism for Implementing Multiple Logical Routers Within a Single Physical Router	60010-0016 60010-0013	7/9/2002 7/9/2001	10/192,766 60/304,259	Pending PTO Review
Traffic Management Claims - Continuation of Micro-flow Manager	6741	4/19/2000	10/086,763	Pending PTO Review
Mechanism for enabling Intra-Router Information Transfer Over Long Distances	60010-0019	5/15/2003	10/439,557	Pending PTO Review
Mechanism for Identifying and Penalizing Mishbehaving Flows in a Network	60010-0020	12/22/2005	11/022,599	Filed 12/22/05
Mobile IPv6 Traffic Management	Waiting assignment	2/17/2006		Provisional filed

EXHIBIT C

Trademarks

<u>MarkComment</u>	<u>App. Number</u>	<u>App. Date</u>	<u>Reg. Number</u>	<u>Reg. /Date Status</u>
CASPIAN	75/939,747	3/7/2000	2,970,909	7/19/2005 Registered
CASPIAN (and design)	78/914,293	6/22/2006		Pending
CASPIAN NETWORKS	76/105,939	8/8/2000	2,967,389	7/12/2005 Registered