FORM PTO-1594 RECORDATION FORM COVE (Rev. 6-93) $2 \cdot 15 \cdot 01$ Patent and Trademark Office	
OMB No. 0651-0011 (exp. 4/94) PATENTS ONLY	
Tab settings $\rightarrow \rightarrow \rightarrow$ Y	101631228
To the Honorable Commissioner of Patents and Trademarks: Ple	Baneford the attached original documents or conv thereof
 Name of conveying party(ies): PACIFIC BROADBAND COMMUNICATIONS, INC. 2480 North First Street, Suite 280 San Jose, Califorinia 95131 	2. Name and address of receiving party(ies) Name: VENTURE LENDING & LEASING III, INC. Internal Address: Street Address: 2010 North First Street,
☐ Individuals(s)	Suite 310 City: San Jose State: California ZIP: 95131
General Partnership Limited Partnership	
■ Corporation-State Delaware □ Other	□ Individual(s) citizenship □ Association
	General Partnership
Additional name(s) of conveying party(ies) attached? Yes No	□ Limited Partnership ■ Corporation-State Maryland
3. Nature of conveyance:	DOther
□ Assignment □ Merger ■ Security Agreement □ Change of Name □ Other	If assignee is not domiciled in the United States, a domestic representative - designation is attached:
Execution Date: January 5, 2001	(Designations must be a separate document from assignment)
	Additional name(s) & address(es) attached? 🗆 Yes 🗆 No
4. Application number(s) or patent number(s):	TRA L
A. Patent Application No.(s)	B. Patent Registration No.(s)
See Exhibit B of the attached Security Agreement Additional numbers attached? @ Yes No	See Exhibit B of the attached Security Agreement
5. Name and address of party to whom correspondence	6. Total number of applications and oppistrations
concerning document should be mailed: Mr. Michael Wright	involved: 4
Name/ Buchalter, Nemer, Fields & Younger	7. Total fee (37 CFR 3.41)\$ 16C
Internal Address:	☐ Enclosed ♀ Authorized to be charged to deposit account
Street Address: 601 South Figueroa Street, 24th Floor	8. Deposit account number:
City: Los Angeles State: California ZIP: 90017 DO NOT USE THIS SPACE	(Attach duplicate copy of this page if paying by deposit account)
0 Statement and signature	nformation is true and correct and any attached copy is a true February 5, 2001 Signature Date or: = 6 pages
Total number of pages including cover sneet, attachments, and document	

EXHIBIT B

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Patents

Description	Registration/ Application Number	Registration/ Application Date
Methods and Apparatus for Transmission of Analog Channels Over Digital Packet-Based Networks	09/715,992	11/16/00
Cable Modem Clock Synchronization Using Software Parsing with Hardware Assist	60/199,720	4/26/00
Method and Apparatus for Implementing Constant Latency Z-Domain Transfer Functions Using Processor Elements of Variable Latency	60/199,899	4/26/00
Frequency Agile Digital Transceiver Banks Having Non-Uniform Channel Width and Reduced Connector Density	60/187,194	3/6/00

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EXHIBIT C

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Trademarks

Description	Registration/ Application Number	Registration/ Application Date
"Pacific Broadband Communications"	76112293	8/17/00
"Leaders of the Last Mile"	76112294	8/17/00
"Dark RF"	76153392	10/24/00

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EXHIBIT B

Patents

Description	Registration/ Application Number	Registration/ Application Date
Methods and Apparatus for Transmission of Analog Channels Over Digital Packet-Based Networks	09/715,992	11/16/00
Cable Modem Clock Synchronization Using Software Parsing with Hardware Assist	60/199,720	4/26/00
Method and Apparatus for Implementing Constant Latency Z-Domain Transfer Functions Using Processor Elements of Variable Latency	60/199,899	4/26/00
Frequency Agile Digital Transceiver Banks Having Non-Uniform Channel Width and Reduced Connector Density	60/187,194	3/6/00

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EXHIBIT B

Patents

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Methods and Apparatus for Transmission of Analog Channels Over Digital Packet-Based Networks	09/715,992	11/16/00
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Frequency Agile Digital Transceiver Banks Having Non-Uniform Channel Width and Reduced Connector Density	60/187,194	3/6/00

PATENT REEL: 011555 FRAME: 0478------

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of January 5, 2001 by and between Venture Lending & Leasing III, Inc. ("VLL") and Silicon Valley Bank ("SVB"), and VLL as "Agent" for itself and SVB, and Pacific Broadband Communications, Inc., a Delaware corporation ("Grantor"). VLL and SVB are sometimes referred to individually as a "Lender", and, collectively as the "Lenders".

RECITALS

A. Lenders have agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Lenders, Agent and Grantor dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement).

B. Lenders are willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Lenders a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

C. Pursuant to the terms of the Loan Agreement, Grantor has granted to Agent, for the benefit of Lenders, a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement and all other agreements now existing or hereafter arising between Grantor and Lenders, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Lenders and Grantor, Grantor grants and pledges to Agent, for the benefit of Lenders, a security interest in all of Grantor's right, title and interest in, to and under its intellectual property collateral (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof and all goodwill associated therewith.

This security interest is granted in conjunction with the security interest granted to Lenders under the Loan Agreement. The rights and remedies of Lenders and Agent with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Lenders and Agent as a matter of law or equity. Each right, power and remedy of Lenders and Agent provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, powers or remedies provided for herein and the exercise by Lenders or Agent of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Agreement or any of hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including a Lender or Agent, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all Copyrights, Patents and Trademarks in which Grantor has an ownership interest. Grantor shall register or cause to be registered on an expedited basis with the United States Patent and Trademark Office or the United States Copyright Office, as applicable, the intellectual property rights listed on such exhibits. From time to time hereafter, Grantor shall register

on an expedited basis such additional intellectual property developed or acquired by Grantor in connection with any product prior to the sale or licensing of such product to any third party or inclusion of such product in any other product sold or licensed to any third party.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

PACIFIC BROADBAND COMMUNICATIONS, INC., a Delaware corporation

By: ĊTO esident and Title:

SVB:

SILICON VALLEY BANK, a California banking corporation

- Siza By: Senier Vice Title:

VLL:

VENTURE LENDING & LEASING III, INC., a Maryland corporation

By:_____

Title:_____

Address of SVB:

Address of Grantor:

Suite 280

2480 North First Street

Attn: Chief Financial Officer

San Jose, CA 95131

3003 Tasman Drive Santa Clara, CA 95054 Attn: Meg Piper

Address of VLL:

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

on an expedited basis such additional intellectual property developed or acquired by Grantor in connection with any product prior to the sale or licensing of such product to any third party or inclusion of such product in any other product sold or licensed to any third party.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRAN	TOR:
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Address of Grantor:	PACIFIC BROADBAND COMMUNICATIONS, INC., a Delaware corporation
2480 North First Street	•
Suite 280	Ву:
San Jose, CA 95131	
Attn: Chief Financial Officer	Title:
	SVB:
	SILICON VALLEY BANK,
Address of SVB:	a California banking corporation
3003 Tasman Drive	By:
Santa Clara, CA 95054	
Attn: Meg Piper	Title:
	VLL:
	VENTURE LENDING & LEASING III, INC.,
Address of VLL:	a Maryland copporation
2010 North First Street, Suite 310	By:
San Jose, CA 95131	A FO
Attn: Chief Financial Officer	Title:

EXHIBIT A

Copyrights

Description

Registration Number

Registration Date

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RECORDED: 02/15/2001