

02-13-2001

FORM PTO-1595

1-31-92

RECO



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101612946

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

1. Name of conveying party(ies):
Broadstorm Telecommunications, Inc.
Additional name(s) of conveying party(ies) attached? Yes No

1-30-01

2. Name and address of receiving party(ies):
Name: Silicon Valley Bank
Internal Address: HA155

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: 3003 Tasman Drive
City: Santa Clara State: CA ZIP: 95054

Execution Date: 12/15/00

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

4. Application number(s) or trademark number(s):
If this document is being filed together with a new application, the execution date of the application is:

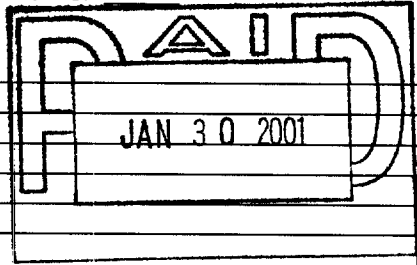
A. Trademark Application No.(s)

B. Trademark No.(s)

78/035889

78/034215

78/034212



Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Silicon Valley Bank**
Internal Address: Loan Documentation HA155

6. Total number of applications and trademark involved: 3
7. Total fee (37 CFR 3.41):\$ 90.00
 Enclosed
 Authorized to be charged to deposit account

Street Address: 3003 Tasman Dr.
City: Santa Clara State: Ca ZIP: 95054

8. Deposit account number:
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Tracy Walton
Name of Person Signing

Signature

1-16-01
Date

Total number of pages comprising cover sheet: 7

OMB No 0651-0011 (exp 4/94)

02/12/2001 6TON11 0000123 78035889

01 FC:481 40.00 OP

02 FC:482 50.00 OP

TRADEMARK
REEL: 002233 FRAME: 0404

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of December 15, 2000 by and between SILICON VALLEY BANK ("Bank") and Broadstorm Telecommunications, Inc. ("Grantor").

RECITALS

A. Bank has 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 Bank and Grantor dated December 15, 2000 (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). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank 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, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank 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, Trademarks and Mask Works listed on Schedules A, B, C, and D 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.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank 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 Bank as a matter of law or equity. Each right, power and remedy of Bank 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, power or remedy provided for herein and the exercise by Bank 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 Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

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

GRANTOR:

Address of Grantor:

Broadstorm Telecommunications, Inc.

2469 152nd
Redmond, WA 98052

By: 

Attn: _____

Title: President

BANK:

Address of Bank:

SILICON VALLEY BANK

4110 Carillon Point
Kirkland, WA 98033

By: 

Attn: _____

Title: Vice President

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

EXHIBIT B

Patents

Description

Application Number

Application Date

p001: "Medium Access Control for Orthogonal Frequency-Division Multiple-Access (OFDMA) Cellular Networks"

Inventors: Hui Liu, Xiaodong Li, and Fuqi Mu

✓ 09/685,977

10/10/00

p002: "OFDMA with adaptive subcarrier-cluster configuration and selective loading"

Inventors: Xiaodong Li, Hui Liu, Kemin Li, Wenzhong Zhang

12/14/00

p003: "Channel Allocation in Broadband Orthogonal Frequency-division Multiple-access/Space-division Multiple-access Networks"

Inventors: Hui Liu, Hujun Yin, Xiaodong Li, and Fuqi Mu.

✓ 09/692,681

10/18/00

EXHIBIT C

Trademarks

<u>Description</u>	<u>Application Number</u>	<u>Application Date</u>
MDSL	✓ 78/035889	11/17/2000
JET STREAM	✓ 78/034215	11/17/2000
CELERFLEX	✓ 78/034212	11/07/2000

EXHIBIT D

Mask Works

Description

Registration/
Application/
Number

Registration/
Application/
Date