

01-18-2001



101586172

RECORDATION FORM COVER SHEET
TRADEMARKS ONLY

1-17-01

MRD
1-15-01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID #
- Correction of PTO Error
Reel # Frame #
- Corrective Document
Reel # Frame #

Conveyance Type

- Assignment License
- Security Agreement Nunc Pro Tunc Assignment
Effective Date
Month Day Year
- Merger
- Change of Name
- Other

Conveying Party

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name

Formerly

- Individual General Partnership Limited Partnership Corporation Association

Other

Citizenship/State of Incorporation/Organization

Receiving Party

Mark if additional names of receiving parties attached

Name

DBA/AK/A/T/A

Composed of

Address (line 1)

Address (line 2)

Address (line 3)

State/Country

Zip Code

- Individual General Partnership Limited Partnership

Corporation Association

Other

Citizenship/State of Incorporation/Organization

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

01/18/2001 DNGUYEN 00000213 200052 78035889

FOR OFFICE USE ONLY

01 FC:481
02 FC:482

40.00 CH
75.00 CH

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

TRADEMARK
REEL: 002215 FRAME: 0466

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Correspondent Name and Address

Area Code and Telephone Number

(415) 398-4700

Name

Murphy Sheneman Julian & Rogers

Address (line 1)

Attn: Bill Petty

Address (line 2)

101 California Street, Suite 3900

Address (line 3)

Address (line 4)

San Francisco, CA 94111

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#

Trademark Application Number(s) or Registration Number(s)

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)

Registration Number(s)

78035889

76106660

78034215

78034212

Number of Properties

Enter the total number of properties involved.

#

4

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

115.00

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

20-0052

Authorization to charge additional fees:

Yes

No

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. Changes to deposit account are authorized, as indicated herein.

David Adams

Bill Petty

David Adams
Bill Petty

1/16/01

Name of Person Signing

Signature

Date Signed

COLLATERAL GRANT OF SECURITY INTEREST OF PATENTS AND TRADEMARKS

This Collateral Grant of Security Interest of Patents and Trademarks (this "Agreement") is made on this 18th day of December, 2000, by and between BROADSTORM TELECOMMUNICATIONS, INC. (the "Grantor") and COMDISCO, INC., (the "Grantee"),

WHEREAS, Grantor and Grantee are parties to a certain Subordinated Loan and Security Agreement dated December 18, 2000 (together with amendments, supplements, and extensions thereof and all exhibits and amendments thereto, collectively the "Loan Agreement").

WHEREAS, pursuant to the Loan Agreement, the Grantor has agreed to grant to Grantee a lien on and a security interest in all the present and future rights, title, and interest that Grantor may now have or hereafter acquire in all Patents, Trademarks, Patent Licenses, Trademark Licenses, and applications for patents or trademarks.

NOW THEREFORE, in consideration for the mutual covenants and agreements contained in the Loan Agreement and this Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor and Grantee agree as follows:

1. **Grant of Security Interest of Patents and Trademarks.** To secure the Secured Obligations, Grantor hereby grants to the Grantee, to the extent permitted by law, a lien upon and security interest in and to all of Grantor's now existing or hereafter acquired right, title, and interest in all of the following, whether now existing or hereafter arising: (i) Patents, Patent Licenses, and patent applications and specifically those listed on **Schedule A** attached hereto, as the same may be amended to include any patents hereinafter acquired and patent applications hereafter filed and made a part hereof, and the reissues, divisions, continuations, renewals, extensions and continuations-in-part hereof; (ii) Trademarks, Trademark Licenses, and trademark applications and specifically those listed on **Schedule B** attached hereto and made a part hereof as the same may be amended to include any trademarks hereafter acquired and trademark applications hereafter acquired, and all registrations and renewals thereof; (iii) all Proceeds thereof.

2. **Grantee's Right to Sue.** From and after the occurrence and continuance of an Event of Default, subject to the terms of the Loan Agreement, Grantee shall have the right, but shall in no way be obligated, to bring suit in its own name to enforce the Patents and Trademarks, and, if Grantee shall commence any such suit, Grantor shall, at the request of Grantee, do any and all lawful acts and execute and deliver any and all proper documents or information that may be necessary or desirable to aid Grantee in such enforcement and Grantor shall promptly, upon demand, reimburse and indemnify

Grantee for all costs and expenses, including reasonable attorney's fees, incurred by Grantee in the exercise of the foregoing rights.

3. **Loan Agreement.** The Loan Agreement is incorporated by reference in this Agreement as though set forth in full and all the capitalized words and other terms used but not otherwise defined herein are used in this Agreement with the same meaning as defined in the Loan Agreement.

4. **Modification.** This Agreement cannot be altered, amended or modified in any way, except as specifically provided by a writing signed by the parties hereto.


5. **Binding Effect.** This Agreement shall be binding upon the Grantor and its respective successors and assigns, and shall inure to the benefit of Grantee, its nominees and assigns.

6. **Governing Law.** This Agreement shall be deemed made and accepted in and shall be governed by and construed in accordance with the laws of the State of Illinois, and (where applicable) the laws of the United States of America.

IN WITNESS WHEREOF, the Grantor has duly executed this Agreement as of the date first set forth above.

GRANTOR: BROADSTORM TELECOMMUNICATIONS, INC.

Signature: _____



Print Name: _____

Hai Liu

Title: _____

President

SCHEDULE A

**To Collateral Grant of Security Interest in Patents and Trademarks
Between Broadstorm Telecommunications as Grantor
and Comdisco, Inc. as Grantee**

PATENTS AND PATENT APPLICATIONS

PATENTS

<u>Patent Name</u>	<u>Status and Date Issued</u>	<u>Patent Number</u>
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PATENT APPLICATIONS

<u>Name</u>	<u>Status & Date Filed</u>	<u>Application Number</u>
Medium Access Control for Orthogonal Frequency-Division Multiple-Access (OFDMA) Cellular Networks	Pending October 10, 2000	09685977
Channel Allocation in Broadband Orthogonal Frequency-division Multiple-access/Space- division Multiple-access Networks	Pending October 18, 2000	09692681
OFDMA with adaptive subcarrier-cluster configuration and selective loading	Pending December 14, 2000	Pending

PATENT LICENSES

<u>Name</u>	<u>Licensor</u>	<u>Licensee</u>	<u>Patent Number</u>
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SCHEDULE B

To Collateral Grant of Security Interest in Patents and Trademarks Between Broadstorm Telecommunications as Grantor and Comdisco, Inc. as Grantee

TRADEMARKS AND TRADEMARK APPLICATIONS

TRADEMARKS

<u>Name</u>	<u>Date Filed or Issued</u>	<u>Serial Number</u>	<u>Status</u>
BROADSTORM	August 8, 2000	76106660	Approved
MDSL	November 17, 2000	78035889	Approved
JET STREAM	November 17, 2000	78034215	Approved
CELERFLEX	November 7, 2000	78034212	Approved

TRADEMARK APPLICATIONS

<u>Name</u>	<u>Date Filed</u>	<u>Serial Number</u>	<u>Status</u>
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TRADEMARK LICENSES

<u>Name</u>	<u>Licensor</u>	<u>Licensee</u>	<u>Number</u>
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