

03-30-2001



101653815

PATENT

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Attorney Docket No: 005158.P003

Conveyance Type

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
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- ☐ Departmental File ☐ Secret File

Conveying Party (ies)

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Execution Date  
Month Day Year

Name (1st party) Hui Liu

02/08/2001

Name (2nd party) Hujun Yin

02/08/2001

Name (3rd party) Xiaodong Li

02/08/2001

Name (4th party) Fuqi Mu

02/08/2001

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Broadstorm Telecommunications, Inc.

Name (line 2) \_\_\_\_\_

Address (line 1) 2469 152nd Avenue NE

Address (line 2) \_\_\_\_\_

Address (line 3) Redmond

Washington

98052

City

State/Country

Zip Code

☐ 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 is attached. (Designation must be a separate document from Assignment.)

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03/29/2001 TDIAZ1 00000101 09692681

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PATENT

REEL: 011622 FRAME: 0904

PATENT

Correspondent Name and Address

Area Code and Telephone Number 408-720-8300

Name Blakely, Sokoloff, Taylor & Zafman LLP

Address (line 1) 12400 Wilshire Boulevard

Address (line 2) 7th Floor

Address (line 3) Los Angeles, California 90025

Address (line 4) \_\_\_\_\_

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Application Number (s) or Patent Number (s)

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Patent Application Number (s)

Patent Number (s)

09692681

Month Day Year

If this document is being filed together with a **new** Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a  
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Number of Properties

Enter the total number of properties involved.

# 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Deposit Account

Enclosed ☒

Deposit Account ☐

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Deposit Account Number:

# 02-2666

Authorization to charge additional fees:

Yes ☒

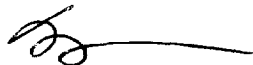
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Statement and Signature

*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. Charges to deposit account are authorized, as indicated herein.*

Michael J. Mallie

36,591



3/8/07

Name of Person Signing

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PATENT

REEL: 011622 FRAME: 0905

No.: 005158.P003 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We  
the undersigned, Hui Liu, Hujun Yin, Xiaodong Li and Fuqi Mu

hereby sell, assign, and transfer to Broadstorm Telecommunications, Inc.  
a corporation of Delaware, having a principal place of business at  
2469 152<sup>nd</sup> Avenue NE, Redmond, Washington 98052, ("Assignee"),  
and its successors, assigns, and legal representatives, the entire right, title, and interest for the  
United States and all foreign countries, in and to any and all improvements that are disclosed in  
the application for the United States patent that was filed October 18, 2001 and assigned  
Application No. 09/692,681 and is entitled

"CHANNEL ALLOCATION IN BROADBAND ORTHOGONAL FREQUENCY-DIVISION  
MULTIPLE-ACCESS/SPACE-DIVISION MULTIPLE-ACCESS NETWORKS"

and in and to said application and all divisional applications, continuation applications,  
continued prosecution applications, continuation-in-part applications, substitute applications,  
renewal applications, reissue applications, reexaminations, extensions, and all other patent  
applications that have been or shall be filed in the United States and all foreign countries on  
any of said improvements; and in and to all original patents, reissued patents, reexamination  
certificates, and extensions that have been or shall be issued in the United States and all  
foreign countries on said improvements; and in and to all rights of priority resulting from the  
filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said  
improvements in its own name; and that, when requested, without charge to, but at the  
expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in  
good faith the intent and purpose of this Assignment, the undersigned will execute all divisional  
applications, continuation applications, continued prosecution applications, continuation-in-part  
applications, substitute applications, renewal applications, reissue applications, reexaminations,  
extensions, and all other patent applications on any and all said improvements; execute all  
rightful oaths, assignments, powers of attorney, and other papers; communicate to said  
Assignee, its successors, assigns, and representatives all facts known to the undersigned  
relating to said improvements and the history thereof; and generally assist said Assignee, its  
successors, assigns, or representatives in securing and maintaining proper patent protection  
for said improvements and for vesting title to said improvements, and all applications for  
patents and all patents on said improvements, in said Assignee, its successors, assigns, and  
legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no  
assignment, grant, mortgage, license, or other agreement affecting the rights and property  
herein conveyed has been made to others by the undersigned, and that full right to convey the  
same as herein expressed is possessed by the undersigned.

Date: 2/8/01, 2001

[Signature]  
Name: Hui Liu

Date: 2/8/01, 2001

[Signature]  
Name: Hujun Yin

Date: 2/8/01, 2001

[Signature]  
Name: Xiaodong Li

Date: 2/8/01, 2001

[Signature]  
Name: Fuqi Mu

Date: \_\_\_\_\_, 20\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_, 20\_\_

Name: \_\_\_\_\_

State of: \_\_\_\_\_}

} SS.

County of: \_\_\_\_\_}

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, California 90025-1026  
(408) 720-8598

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, \_\_\_\_\_,  
the undersigned Notary Public, personally appeared \_\_\_\_\_

☐ personally known to me ☐ proved to me on the basis of satisfactory evidence to  
be the person(s) whose name(s) subscribed to the within instrument, and  
acknowledged that executed it.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary's Signature