

09-26-2002

9/25/02

FORM PTO-1594
(Rev 5-93)



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of

102233623

with the attached original documents or copy thereof.

1. Name of conveying party(ies):

WAVESMITH NETWORKS, INC.

Individual(s) citizenship:

Association:

General Partnership:

Limited Partnership:

Corporation - State: DELAWARE

Other:

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

3. Nature of Conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: September 16, 2002

2. Name and address of receiving party(ies):

Name: COMERICA BANK-CALIFORNIA

Address: 9920 S. LACIENEGA BLVD., SUITE 1401

City: INGLEWOOD State: CA Zip: 90301

Individual(s) citizenship:

Association:

General Partnership:

Limited Partnership:

Corporation - State:

Other: a California banking corporation

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

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

A. Trademark Application No.(s)

76/279,154

76/277,058

B. Trademark Registration No.(s)

2,541,553

2,543,532

Additional numbers attached? Yes No

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

Name:

Erin O'Brien

Internal Address:

GRAY CARY WARE & FREIDENRICH

4365 Executive Drive, Suite 1100

San Diego, California 92121-2133

6 Total number of applications and registrations involved: 4

7. Total fee (37 CFR 3.41) \$115.00

Enclosed

Authorized to be charged to deposit account

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.

Erin O'Brien

September 24, 2002

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: [6]

Mail Documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office, Office of Public Records
1213 Jefferson Davis Highway, 3rd Floor
Arlington, VA 22202

09/26/2002 TBIAZ1

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01 FC:481
02 FC:482

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TRADEMARK
REEL: 2588 FRAME: 0538

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of September 16, 2002 by and between COMERICA BANK-CALIFORNIA ("Bank") and WAVESMITH NETWORKS, INC., a Delaware corporation ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor and WS CONTRACT CORP. ("WCC")(the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and among Bank and WCC, 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). Bank is willing to make the Loans to Grantor and WCC, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents 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 and all other agreements now existing or hereafter arising between Grantor and Bank, 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 Grantor and Bank, 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 and Trademarks listed on Schedules 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.

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.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable. With respect to trademarks only, those applications set forth on Exhibit C are only those applications for which use has been demonstrated.

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.

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:

WAVESMITH NETWORKS, INC.

Address of Grantor:

35 Nagog Park
Acton, MA 01720

Attn: Chief Executive Officer

By: 

Title: PRESIDENT + CEO

BANK:

COMERICA BANK-CALIFORNIA

Address of Bank:

9920 S. La Cienega Blvd., Suite 1401
Inglewood, CA 90301

Attn: Manager

By: 

Title: vice president

EXHIBIT A

Copyrights

Description

Registration
Number

Registration
Date

EXHIBIT B

Patents

Description

Provisional Application for Multi-Service Switch

Registration/
Application
Number

60/336,030

Registration/
Application
Date

October 31, 2001

EXHIBIT C

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
DN 4100	76/279,154	06/27/01
DN 2100	76/277,058	06/27/01
Wavesmith Networks	2,541,553	02/19/02
Wavesmith	2,543,532	02/26/02