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To the Director of the U.S. Patent and Trademark Office

or the new address(es) below.

1. Name of conveying party(ies): Thomas E. Raffill; Shunhui Zhu; Roman Yanovsky; Boris Yanovsky; John Gmuender

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

Name: SonicWALL, Inc.

Internal Address:

Street Address: 1143 Borregas Avenue

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

3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

City: Sunnyvale State: CA Zip: 94089

Country: United States

Execution Date: 11/07/07; 11/07/07; 11/07/07; 11/07/07; 11/07/07

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

4. Application number(s) or patent number(s): [] This document is being filed together with a new application.

A. Patent Application No.(s) 11/881,556

B. Patent No.(s)

Additional numbers attached? [X] No [] Yes

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

Name: Blakely, Sokoloff, Taylor & Zafman LLP

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6. Total number of applications and patents involved [7]

7. Total Fee (37 CFR 3.41).....\$ 40.00

[X] Enclosed [] Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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9. Statement and signature.

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

Chui-Kiu Teresa Wong

Name of Person Signing

Signature

Signature

November 12, 2007

Date

Total number of pages including cover sheet, attachments, and document: 3

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Docket No. 4619P045

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For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Thomas E. Raffill, Shunhui Zhu, Roman Yanovsky, Boris Yanovsky and John Gmuender,
hereby sell, assign, and transfer to SonicWall, Inc

a Corporation of California
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 1143 Borregas Avenue, Sunnyvale, CA 94089

_____ ,
("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 inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled AN EFFICIENT STRING SEARCH

_____ ,
said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 11/881,556 filed 7/27/2007 ,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, 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 inventions or 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 inventions or 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 inventions or 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 provisional applications, non-provisional applications, utility applications, design applications, 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 inventions or 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 inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or 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.

Each Inventor: Please Sign and Date Below:

Nov. 7, 2007
Date

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Thomas E. Raffill

11/7, 2007
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