

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEKSANDR DUBROVSKY	04/18/2005
JOHN EVERETT GMUENDER	04/18/2005
BORIS YANOVSKY	04/18/2005
ROMAN YANOVSKY	04/18/2005
SHUNHUI ZHU	04/18/2005
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<b>City:</b>	SUNNYVALE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94089
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15435917
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<b>NAME OF SUBMITTER:</b>	CHERI HOULE
<b>SIGNATURE:</b>	/Cheri Houle/
<b>DATE SIGNED:</b>	07/31/2017
<b>Total Attachments: 2</b>	

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Attorney's Docket No.: 004619.P032X

**ASSIGNMENT**

**PATENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

**Aleksander Dubrovsky; John Everett Gmuender; Boris Yanovsky; Roman Yanovsky; Shunhui Zhu**

hereby sell, assign, and transfer to **SonicWALL, Inc.**, a corporation of **California**, having a principal place of business at **1143 Borregas Avenue, Sunnyvale, California 94089, USA**, ("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 has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

**Method and Apparatus for Identifying Data Patterns in a File,**

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.

Each Inventor: Please Sign and Date Below:

April 18, 2005  
Date

*Aleksander Dubrovsky*  
Name: Aleksander Dubrovsky

4/18, 2005  
Date

*John Everett Gmuender*  
Name: John Everett Gmuender

4/18, 2005  
Date

*Boris Yanovsky*  
Name: Boris Yanovsky

4/18, 2005  
Date

*Roman Yanovsky*  
Name: Roman Yanovsky

April 18, 2005  
Date

*Shunhui Zhu*  
Name: Shunhui Zhu

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

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

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

April 18, 2005  
Date

4/18, 2005  
Date

4/18, 2005  
Date

4/18, 2005  
Date

April 18, 2005  
Date

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

State of: \_\_\_\_\_  
County of: \_\_\_\_\_

Assignment Document Return Address:  
SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
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Los Angeles, CA 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