

## 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>
JOHN E. GMUENDER	12/20/2002
HUY MINH NGUYEN	12/20/2002
JOSEPH H. LEVY	12/23/2002
MICHAEL B. MASSING	12/20/2002
ZHONG CHEN	12/20/2002
DAVID M. TELEHOWSKI	12/20/2002
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SONICWALL, INC.
<b>Street Address:</b>	2001 LOGIC DRIVE
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95124
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14811794
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)391-1395
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	650-391-1380
<b>Email:</b>	ipdockets@lrrlaw.com, rorlando@lrrlaw.com
<b>Correspondent Name:</b>	LEWIS ROCA ROTHGERBER LLP
<b>Address Line 1:</b>	4300 BOHANNON DRIVE
<b>Address Line 2:</b>	SUITE 230
<b>Address Line 4:</b>	MENLO PARK, CALIFORNIA 94025
<b>ATTORNEY DOCKET NUMBER:</b>	DELL-031COB
<b>NAME OF SUBMITTER:</b>	ROBYNE ORLANDO
<b>SIGNATURE:</b>	/Robyne Orlando/
<b>DATE SIGNED:</b>	08/26/2015

**Total Attachments: 2**

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**ASSIGNMENT**  
(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We  
the undersigned, John E. Gmuender, Huy Minh Nguven, Joseph H. Levy, Michael B. Massing, Zhong Chen & David M. Telehowski  
hereby sell, assign, and transfer to SonicWALL, Inc. a corporation of California  
having a principal place of business at 1160 Bordeaux Drive, Sunnyvale, California 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 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 RESOURCE LOCATOR IDENTIFIER REWRITE**

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:

12/20, 2002 John E. Gmuender  
Date Name: John E. Gmuender

12/20, 2002 Huy Minh Nguyen  
Date Name: Huy Minh Nguyen

12/23, 2002 Joseph H. Levy  
Date Name: Joseph H. Levy

12/20, 2002 Michael B. Massing  
Date Name: Michael B. Massing

12/20, 2002 Zhong Chen  
Date Name: Zhong Chen

12/20, 2002 David M. Telehowski  
Date Name: David M. Telehowski

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

12/20, 2002  
Date

12/20, 2002  
Date

12/23, 2002  
Date

12/20, 2002  
Date

12/20, 2002  
Date

12/20, 2002  
Date

**Assignment Document Return Address:**

**BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP**  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, California 90025-1026  
(512) 330-0844 Telephone