

Based on FORM PTO-1595 (Rev. 08/05)  
as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 11/30/2005

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Recordation Form Cover Sheet  
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies): <b>Sunil P. Shah; Arnel Lim; Donald B. Grosser; Jim Pan; Kesavan Thiruvenkatasamy; Ki-Hong Park; Manpreet S. Sandhu; Prakash Kashyap</b></p>		<p>2. Name and address of receiving party(ies): Name: <b>Extreme Networks, Inc.</b></p>	
<p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>		<p>Internal Address: _____ Street Address: <b>3585 Monroe Street</b></p>	
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p>		<p>City: <b>Santa Clara</b> State: <b>CA</b> Zip: <b>95051</b> Country: <b>United States</b></p>	
<p>Execution Date: <u>09/16/08; 09/16/08; 09/16/08; 09/16/08;</u> <u>09/16/08; 09/18/08; 09/16/08; 09/19/08</u></p>		<p>Additional name(s) &amp; address(es) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>	
<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p>			
<p>A. Patent Application No.(s) <b>12/205,715</b></p>		<p>B. Patent No.(s)</p>	
<p>Additional numbers attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p>		<p>6. Total number of applications and patents involved: <input type="text" value="1"/></p>	
<p>Name: <b>Blakely, Sokoloff, Taylor &amp; Zafman LLP</b></p>		<p>7. Total Fee (37 CFR 3.41).....\$ <b>40.00</b></p>	
<p>Internal Address: _____</p>		<p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p>	
<p>Street Address: <b>1279 Oakmead Parkway</b></p>		<p>8. Deposit Account Number: <b>02-2666</b></p>	
<p>City: <b>Sunnyvale</b> State: <b>CA</b> ZIP: <b>94085</b></p>			
<p>Phone Number: <b>(503) 439-8778</b></p>			
<p>Fax Number: <b>(503) 439-6073</b></p>			
<p>E-mail Address: <b>jared_engstrom@bstz.com</b></p>			
<p>DO NOT USE THIS SPACE</p>			
<p>9. Statement and signature. <i>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.</i></p>			
<p><b>Jared S. Engstrom, Reg. No. 58,330</b></p>		<p><b>/Jared S. Engstrom/</b></p>	
<p>Name of Person Signing</p>		<p>Signature</p>	
		<p>October 3, 2008</p>	
		<p>Date</p>	
<p>Total number of pages including cover sheet, attachments, and document: <input type="text" value=""/></p>			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
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Docket No. 2717P152X

700386613

**PATENT**  
**REEL: 021634 FRAME: 0950**

CH \$40.00 022666 12205715

Attorney's Docket No.: 2717P152X

## ASSIGNMENT

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

**Sunil P. Shah; Arnel Lim; Donald B. Grosser; Jim Pan; Kesavan Thiruvenkatasamy;  
Ki-Hong Park; Manpreet S. Sandhu; Prakash Kashyap**

hereby sell, assign, and transfer to

**Extreme Networks, Inc.**

a Corporation of Delaware, having a principal place of business at 3585 Monroe Street, Santa Clara, California 95051 United States ("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

**IMPROVED CONVERGENCE OF MULTICAST TRAFFIC**

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

[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 12/205,715 filed September 05, 2008

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 legal 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 legal 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:

9/16/08  
Date Name: **Sunil P. Shah**

9/16/08  
Date Name: **Arnel Lim**

9/16/08  
Date Name: **Donald B. Grosser**

9/16/08  
Date Name: **Jim Pan**

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Date Name: **Kesavan Thiruvankatasamy**

9/16/08  
Date Name: **Ki-Hong Park**

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Date Name: **Manpreet S. Sandhu**

Date Name: **Prakash Kashyap**

Date Name:

Date Name:

Date Name:

Date Name:

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1279 Oakmead Parkway  
Sunnyvale, CA 94085-4040  
Telephone: (503) 439-8778

Attorney's Docket No.: 2717P152X

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Each Inventor: Please Sign and Date Below:

Date \_\_\_\_\_ Name: **Sunil P. Shah**

Date \_\_\_\_\_ Name: **Arnel Lim**

*9/16/2008*



Date \_\_\_\_\_ Name: **Donald B. Grosser**

Date \_\_\_\_\_ Name: **Jim Pan**

Date \_\_\_\_\_ Name: **Kesavan Thiruvenkatasamy**

Date \_\_\_\_\_ Name: **Ki-Hong Park**

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Date \_\_\_\_\_ Name: **Prakash Kashyap**

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

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

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

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
1279 Oakmead Parkway  
Sunnyvale, CA 94085-4040  
Telephone: (503) 439-8778



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Date \_\_\_\_\_ Name: **Jim Pan**

Date \_\_\_\_\_ Name: **Kesavan Thiruvenkatasamy**

*Sep-18-2008* \_\_\_\_\_ *[Signature]*  
Date \_\_\_\_\_ Name: **Ki-Hong Park**

Date \_\_\_\_\_ Name: **Manpreet S. Sandhu**

Date \_\_\_\_\_ Name: **Prakash Kashyap**

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

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2717P152X

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Date Name: **Manpreet S. Sandhu**

19<sup>TH</sup> Sept, 2008 \_\_\_\_\_  
Date Name: **Prakash Kashyap**

\_\_\_\_\_  
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