

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM458254

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Brocade Communications Systems LLC	FORMERLY Brocade Communications Systems, Inc.	12/01/2017	Limited Liability Company:
Foundry Networks LLC	FORMERLY Foundry Networks, Inc.	12/01/2017	Limited Liability Company:
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	ARRIS Enterprises LLC		
<b>Street Address:</b>	3871 Lakefield Drive		
<b>City:</b>	Suwanee		
<b>State/Country:</b>	GEORGIA		
<b>Postal Code:</b>	30024		
<b>Entity Type:</b>	Limited Liability Company: DELAWARE		
<b>PROPERTY NUMBERS Total: 15</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3483234	EDGEIRON	
<b>Registration Number:</b>	2268037	FASTIRON	
<b>Registration Number:</b>	4433108	HYPEREDGE	
<b>Registration Number:</b>	4146675	ICX	
<b>Serial Number:</b>	87309646	RUCKUS	
<b>Registration Number:</b>	5270518	RUCKUS	
<b>Registration Number:</b>	5300321		
<b>Serial Number:</b>	87476193	RUCKUS NETWORKS	
<b>Serial Number:</b>	87476197	RUCKUS NETWORKS	
<b>Serial Number:</b>	87476199	RUCKUS NETWORKS	
<b>Serial Number:</b>	87476204	RUCKUS NETWORKS	
<b>Serial Number:</b>	87476211	RUCKUS NETWORKS	
<b>Registration Number:</b>	2212298	TURBOIRON	
<b>Serial Number:</b>	87650274	UNLEASHED	
<b>Registration Number:</b>	3483238	IRONPOINT	

CH \$390.00 3483234

**CORRESPONDENCE DATA****Fax Number:** 2153231300

*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.*

**Phone:** 2153231797**Email:** trademarks-arris@arris.com**Correspondent Name:** Larry Cullen, Esquire**Address Line 1:** 101 Tournament Drive**Address Line 2:** Legal Department**Address Line 4:** Horsham, PENNSYLVANIA 19044

<b>NAME OF SUBMITTER:</b>	Larry Cullen, Esquire
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<b>SIGNATURE:</b>	/Larry Cullen/
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<b>DATE SIGNED:</b>	01/17/2018
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**Total Attachments: 7**

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## TRADEMARK ASSIGNMENT

### UNITED STATES TRADEMARK ASSIGNMENT

THIS ASSIGNMENT is made as of December 1, 2017 by BROCADE COMMUNICATIONS SYSTEMS LLC (f/k/a BROCADE COMMUNICATIONS SYSTEMS, INC.), a Delaware limited liability company, and FOUNDRY NETWORKS, LLC (f/k/a FOUNDRY NETWORKS, INC.), a Delaware limited liability company (together, the ASSIGNORS), to ARRIS ENTERPRISES LLC, a Delaware limited liability, hereinafter referred to as the ASSIGNEE.

WHEREAS, ASSIGNORS are the owners of the U.S. trademark applications, registrations, and common law trademarks, hereinafter collectively referred to as the TRADEMARKS, identified on Schedule "A" attached hereto together with the goodwill of the business symbolized thereby.

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest of ASSIGNORS in and to said TRADEMARKS together with said goodwill of the businesses symbolized thereby; and

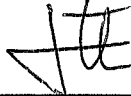
NOW, THEREFORE, for good and valuable consideration paid by the ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over to the ASSIGNEE their entire rights, titles and interests in and to the TRADEMARKS, together with the goodwill associated therewith and goodwill of the businesses symbolized thereby, as well as all rights, privileges and priorities of ASSIGNORS, together with all income, royalties or payments due or payable as of the date hereof, as well as the right to sue for or assert claims against and seek remedies for past, present and future infringements of any of the TRADEMARKS and rights of priority and protection of interests therein and to retain any and all damages, settlement amounts and other amounts therefrom, said TRADEMARKS to be held and enjoyed by the ASSIGNEE, its successors and assigns as fully and entirely as the same would have been held and enjoyed by the ASSIGNORS had this assignment not been made.

ASSIGNORS covenant and agree to execute such further and confirmatory assignments in recordable form as the ASSIGNEE may require to vest record title of said respective registrations in ASSIGNEE.

IN WITNESS WHEREOF, the ASSIGNORS have caused this Assignment to be executed by duly authorized officers.

*[Signature page follows]*

BROCADE COMMUNICATIONS  
SYSTEMS LLC (f/k/a BROCADE  
COMMUNICATIONS SYSTEMS, INC.)

By:  \_\_\_\_\_  
Name: Jean Samuel Furter  
Title: Treasurer


FOUNDRY NETWORKS, LLC (f/k/a  
FOUNDRY NETWORKS, INC.)

By: \_\_\_\_\_  
Name: Thomas H. Krause, Jr.  
Title: President

BROCADE COMMUNICATIONS  
SYSTEMS LLC (f/k/a BROCADE  
COMMUNICATIONS SYSTEMS, INC.)

By: \_\_\_\_\_  
Name: Jean Samuel Furter  
Title: Treasurer

FOUNDRY NETWORKS, LLC (f/k/a  
FOUNDRY NETWORKS, INC.)

By:  \_\_\_\_\_  
Name: Thomas H. Krause, Jr.  
Title: President

*Signature Page to Trademark Assignment Agreement*

**TRADEMARK**

**REEL: 006250 FRAME: 0704**

**SCHEDULE A  
TRADEMARKS REGISTRATIONS, APPLICATIONS AND COMMON LAW TRADEMARKS**

<b>Trademark</b>	<b>Record Owner</b>	<b>Jurisdiction</b>	<b>Classes</b>	<b>Goods/ Services</b>	<b>App No</b>	<b>App Date</b>	<b>Reg No</b>	<b>Reg Date</b>	<b>Status</b>
<b>EDGEIRON</b>	Brocade Communications Systems, Inc.	USA	9	computer hardware for use in networking, namely, switches	77200471	7-Jun-07	3483234	12-Aug-08	Dead
<b>FASTIRON</b>	Brocade Communications Systems, Inc.	USA	9	9 - computer hardware for use in networking, namely, switches	75226662	15 Jan 1997	2268037	10 Aug 1999	Registered
<b>HYPEREDGE</b>	Brocade Communications Systems, Inc.	USA	9	9 - Communications software for connecting computer networks; Computer software for administration of computer networks; Computer software for creating, managing and optimizing computer networks	85502588	22 Dec 2011	4433108	12 Nov 2013	Registered
<b>ICX</b>	Brocade Communications Systems, Inc.	USA	9	9 - Computer networking hardware	85443568	10 Oct 2011	4146675	22 May 2012	Registered
<b>RUCKUS</b>	Brocade Communications Systems, Inc.	USA	35	35 - Connecting qualified service providers with consumers; Retail store services featuring telecommunications goods and services; Providing a website for connecting sellers with buyers	87309646	22-Jan-17			Pending
<b>RUCKUS</b>	Brocade Communications Systems, Inc.	USA	37	37 - Installation, maintenance and repair of Ethernet and wireless networking hardware; Maintenance and repair of telecommunications networking hardware, apparatus, and instruments; Providing information related to the installation, maintenance and repair of telecommunications hardware; Technical support services, namely, troubleshooting in the nature of the repair of computer hardware	87309640	22-Jan-17	5270518	22-Aug-17	Registered
<b>Ruckus Big Dog Design</b>	Brocade Communications Systems, Inc.	USA	9	9 - Computer hardware and software for setting up and configuring local area networks; Computer hardware and software for setting up and configuring wide area networks; Computer hardware and software systems for wireless network communications and telecommunications; Network access server hardware; Network access server operating software; Wireless adapters for computers; Wireless adapters used to link computers to a telecommunications network; Wireless communication devices for voice, data or image transmission; Wireless routers; Wireless transmitters and receivers; Antennas for wireless communications apparatus; Computer hardware for wireless content delivery; Computer hardware, namely, wireless access point (WAP) devices; Computer hardware,	87341483	19-Feb-17	5300321	3-Oct-17	Registered

Trademark	Record Owner	Jurisdiction	Classes	Goods/ Services	App No	App Date	Reg No	Reg Date	Status
<b>RUCKUS NETWORKS</b>	Brocade Communications Systems, Inc.	USA	9	9 - Computer hardware and computer peripherals; Computer hardware and software for setting up and configuring local area networks; Computer hardware and software for setting up and configuring wide area networks; Computer hardware, namely, wireless access point (WAP) devices; Computer hardware, namely, wireless network extenders; Computer hardware, namely, wireless network repeaters; Computer networking hardware; Computer software and hardware for wireless content delivery, and for setting up and configuring computer networks; Computer software for administration of computer local area networks; LAN (local area network) access points for connecting network computer users; LAN (local area network) hardware; LAN (local area network) operating software; Telecommunications equipment, namely, fiber-optic transceivers, fiber optic repeaters, converters and optimizers, wave division multiplexers, free-space optics transmission systems, switches including Ethernet switches and routers, fiber-to-the-home and ethernet-over-VDSL access aggregators, terminators and repeaters, and remote presence management products, namely, switches, and console, alarm, sensor and power management devices	87476193	5-Jun-17			Pending
<b>RUCKUS NETWORKS</b>	Brocade Communications Systems, Inc.	USA	35	35 - Retail store services featuring telecommunications hardware and software; Computerized on-line retail store services in the field of telecommunications hardware and software; Connecting qualified service providers with consumers; Providing a website for connecting sellers with buyers	87476197	5-Jun-17			Pending
<b>RUCKUS NETWORKS</b>	Brocade Communications Systems, Inc.	USA	37	37 - Maintenance and repair of computer networking hardware; Maintenance and repair of telecommunications networking hardware, apparatus, and instruments; Providing information related to the installation, maintenance and repair of telecommunications hardware; Technical support services, namely, troubleshooting in the nature of the repair of computer hardware; Consulting in the field of maintenance and repair of telecommunications network hardware, apparatus, and instruments; Installation, repair and replacement of ethernet and wireless networking hardware; Installation, maintenance and repair of Ethernet and wireless networking hardware	87476199	5-Jun-17			Pending

Trademark	Record Owner	Jurisdiction	Classes	Goods/ Services	App No	App Date	Reg No	Reg Date	Status
<b>RUCKUS NETWORKS</b>	Brocade Communications Systems, Inc.	USA	38	38 - Communication services, namely, transmission of voice, audio, visual images and data by telecommunications networks, wireless communication networks, the Internet, information services networks and data networks; Consulting services in the field of communications; Telecommunication services, namely, transmission of voice, data, graphics, images, audio and video by means of telecommunications networks, wireless communication networks, and the Internet; Telecommunication services, namely, providing internet access via broadband optical or wireless networks; Telecommunications services, namely, wireless telephony and wireless broadband communications services for the transmission of voice and data	87476204	5-Jun-17			Pending
<b>RUCKUS NETWORKS</b>	Brocade Communications Systems, Inc.	USA	42	42 - Cloud computing featuring software for use networking and wireless applications; Consulting services in the field of cloud computing; Design and development of computer software for networking and wireless applications; Technical consulting services in the fields of datacenter architecture, public and private cloud computing solutions, and evaluation and implementation of internet technology and services; Technical support services, namely, remote and on-site infrastructure management services for monitoring, administration and management of public and private cloud computing IT and application systems	87476211	5-Jun-17			Pending
<b>TURBOIRON</b>	Brocade Communications Systems, Inc.	USA	9	9 - computer hardware for use in networking, namely, switches	75266963	31-Mar-97	2212298	22-Dec-98	Registered
<b>UNLEASHED</b>	Brocade Communications Systems, Inc.	USA	9	9 - Wireless communication devices for voice, data or image transmission; Computer network adapters, switches, routers and hubs; Computer networking hardware; Computer hardware, namely, wireless access point (WAP) devices; Computer hardware, namely, wireless network extenders; Computer hardware, namely, wireless network repeaters; Computer software for administration of computer local area networks; LAN (local area network) access points for connecting network computer users	87650274	18-Oct-17			Pending
<b>IRONPOINT</b>	Foundry Networks, Inc.	USA	9	9 - computer hardware and software for use in wireless networking, namely, wireless controllers to monitor and control the function of other electronic devices, computer hardware in the nature of wireless access point devices, and wireless access management software	77200812	07 Jun 2007	3483238	12 Aug 2008	Dead



**Common Law Trademarks:**

1. SuperX
2. FES
3. FES-X
4. FWS
5. FCS
6. FCX

**TRADEMARK**

**REEL: 006250 FRAME: 0708**

**RECORDED: 01/17/2018**