

TRADEMARK ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Security Agreement

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
A10 Networks, Inc.		09/30/2013	CORPORATION: CALIFORNIA

**RECEIVING PARTY DATA**

<b>Name:</b>	Royal Bank of Canada, as Collateral Agent
<b>Street Address:</b>	20 King Street West, 4th Floor
<b>City:</b>	Toronto
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	M5H 1C4
<b>Entity Type:</b>	Bank: CANADA

**PROPERTY NUMBERS Total: 28**

Property Type	Number	Word Mark
Serial Number:	86058221	A10 LIGHTNING
Serial Number:	85826142	A10
Registration Number:	3336238	A 10 NETWORKS
Registration Number:	3172464	A10 NETWORKS
Serial Number:	85907225	A10 THUNDER
Serial Number:	85409201	ACLOUD
Serial Number:	77482848	ACOS
Serial Number:	85712739	ADCS
Registration Number:	4026494	AFLEX
Registration Number:	4046647	AFLOW
Serial Number:	85772964	AGAAS
Serial Number:	85098612	AGALAXY
Serial Number:	85773139	ASDN
Serial Number:	85772995	ATOPSMART

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Serial Number:	85764048	AUAG
Serial Number:	85122853	AVCS
Serial Number:	85715186	AWAF
Registration Number:	3901069	AXAPI
Registration Number:	3686619	IDACCESS
Registration Number:	3139161	IDSENTRIE
Registration Number:	3490692	IP TO ID
Serial Number:	85809649	LINK DIRECTOR
Serial Number:	85809669	MULTILINK DIRECTOR
Registration Number:	4056946	SOFTAX
Serial Number:	86025513	THUNDER
Serial Number:	85098718	VIRTUALADC
Serial Number:	77272469	VIRTUALN
Serial Number:	85912819	VTHUNDER

**CORRESPONDENCE DATA**

Fax Number: 8004947512  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*  
Phone: 2023704761  
Email: tfahey@nationalcorp.com  
Correspondent Name: Thomas Fahey  
Address Line 1: 1025 Vermont Avenue NW, Suite 1130  
Address Line 2: National Corporate Research, Ltd.  
Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER: F146574

**DOMESTIC REPRESENTATIVE**

Name:  
Address Line 1:  
Address Line 2:  
Address Line 3:  
Address Line 4:

NAME OF SUBMITTER: Christine Dionne

Signature: /Christine Dionne/

Date: 09/30/2013

Total Attachments: 16

**TRADEMARK**  
**REEL: 005120 FRAME: 0893**

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**TRADEMARK SECURITY AGREEMENT**

This TRADEMARK SECURITY AGREEMENT dated as of September 30, 2013 (as may be amended, restated, supplemented or otherwise modified from time to time, this "Agreement"), is made by and between A10 Networks, Inc. (the "Borrower" and the "Grantor") and Royal Bank of Canada, as administrative agent (in such capacity, the "Administrative Agent").

Reference is made to (a) the Credit Agreement dated as of the date hereof (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among the Borrower, the lenders from time to time party thereto (the "Lenders") and the Administrative Agent and (b) the Collateral Agreement dated as of the date hereof (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Collateral Agreement"), among the Borrower, the other grantors from time to time party thereto and the Administrative Agent. The Lenders and the Issuing Banks have agreed to extend credit to the Borrower subject to the terms and conditions set forth in the Credit Agreement. The Grantor is willing to execute and deliver this Agreement in order to induce the Lenders to make Loans and the Issuing Banks to issue Letters of Credit. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Collateral Agreement or the Credit Agreement, as applicable. The rules of construction specified in Section 1.01(b) of the Collateral Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, the Grantor hereby grants to the Administrative Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest (the "Security Interest") in all of each such Grantor's right, title and interest in, to and under any Trademarks now owned or at any time hereafter acquired by such Grantor, including those registered or applied for Trademarks listed on Schedule I; provided that no security interest is granted on any intent-to-use trademark applications filed in the United States Patent and Trademark Office to the extent that, and solely during the period in which the grant of a security interest therein would impair the validity or enforceability of such intent-to-use trademark applications under applicable Requirements of Law (the "Trademark Collateral"). The Grantor authorizes and requests that the Commissioner for Trademarks record this Agreement.

SECTION 3. Authorization to Supplement. If the Grantor shall obtain rights to any new Trademarks, the provisions of this Agreement shall automatically apply thereto. Concurrently with the delivery of each compliance certificate pursuant to Section 5.01(c) of the Credit Agreement, the Grantor shall give prompt notice in writing to Administrative Agent with respect to any such new Trademarks or renewal or extension of any Trademark registration. Without limiting the Grantor's obligations under this Section 3, the Grantor hereby authorizes the Administrative Agent to unilaterally modify this Agreement by amending Schedule I to include any such new Trademark rights of each Grantor. Notwithstanding the foregoing, no failure to so modify this Agreement or amend Schedule I shall in any way affect, invalidate or

detract from the Administrative Agent's continuing security interest in all Collateral, whether or not listed on Schedule I.

SECTION 4. Termination or Release. (a) This Agreement, the Security Interest and all other security interests granted hereby shall terminate when (i) all the Secured Obligations (including all LC Disbursements, if any, but excluding (x) unasserted contingent indemnification obligations and (y) Secured Cash Management Obligations and Secured Swap Obligations as to which arrangements reasonably satisfactory to the applicable Secured Party have been made), have been paid in full in cash, (ii) all Commitments have terminated or expired and (iii) the LC Exposure has been reduced to zero and the Issuing Banks have no further obligation to issue or amend Letters of Credit under the Credit Agreement.

(b) The Security Interest and all other security interests granted hereby shall also terminate and be released at the time or times and in the manner set forth in Section 9.15 of the Credit Agreement and Section 5.13 of the Collateral Agreement.

(c) In connection with any termination or release pursuant to paragraph (a) or (b) of this Section, the Administrative Agent shall execute and deliver to Grantor, at Grantor's expense, all documents that Grantor shall reasonably request to evidence such termination or release so long as Grantor shall have provided the Administrative Agent such certifications or documents as the Administrative Agent shall reasonably request in order to demonstrate compliance with this Section 4. Any execution and delivery of documents by the Administrative Agent pursuant to this Section 4 shall be without recourse to or warranty by the Administrative Agent.

SECTION 5. Collateral Agreement. The Security Interest granted to the Administrative Agent herein is granted in furtherance, and not in limitation, of the security interests granted to the Administrative Agent pursuant to the Collateral Agreement. The Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the Trademark Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 6. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract. Delivery of an executed signature page to this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

[Remainder of this page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement  
as of the day and year first above written.

A10 NETWORKS, INC.

By: \_\_\_\_\_

*Greg Straughn*  
Name: Greg Straughn  
Title: Chief Financial Officer


[A10 Networks, Inc. - Signature Page to Trademark Security Agreement]

ROYAL BANK OF CANADA,  
as Administrative Agent

By \_\_\_\_\_

Name:

Title:

  
**Susan Khokher**  
Manager, Agency

[A10 Networks, Inc. - Signature Page to Trademark Security Agreement]

**TRADEMARK**  
**REEL: 005120 FRAME: 0898**

**Schedule I to Trademark Security Agreement**

**TRADEMARK REGISTRATIONS AND APPLICATIONS**

See attached.

Schedule-1

LEGAL\_US\_E# 104125984.4

**TRADEMARK**  
**REEL: 005120 FRAME: 0899**



**Schedule 7 (b)  
Intellectual Property  
Trademarks and Trademark Applications**

Owner	Trademark	Status	Application No.	Registration No.	Registration Date
A10 Networks, Inc.	A10 Lightning	Pending	86/058,221		

Country: United States

A10 Networks, Inc.	A10 Logo	Pending	011978038		
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Country: CTM (Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK)

A10 Networks, Inc.	A10 Logo	Pending	A0036772		
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Country: WIPO (designating Australia, New Zealand, Singapore and Vietnam)

A10 Networks, Inc.	A10 Logo	Pending	85/826,142		
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Country: United States





A10 Networks, Inc.	A10 Networks	Registered	78/642,659	3,336,238	11/13/2007
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Country: United States





A10 Networks, Inc.	A10 Networks	Registered	2005-109043	4986081	9/8/2006
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Country: Japan


**Schedule 7 (b)  
Intellectual Property  
Trademarks and Trademark Applications**

Owner	Trademark	Status	Application No.	Registration No.	Registration Date
A10 Networks, Inc.	A10 Networks	Registered	010839322	010839322	11/21/2012
<b>Country:</b> CTM (Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK)					
A10 Networks, Inc.	A10 Networks	Registered	004649984	004649984	10/20/2006
<b>Country:</b> CTM (Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK)					
A10 Networks, Inc.	A10 Networks 	Pending	IR1135537		
<b>Country:</b> Singapore					
A10 Networks, Inc.	A10 Networks 	Pending	IR1135537		
<b>Country:</b> Vietnam					
A10 Networks, Inc.	A10 Networks 	Priority Expired - See designated countries	IR1135537	IR1135537	8/13/2012
<b>Country:</b> WIPO (designating Australia, Singapore, and Vietnam)					
A10 Networks, Inc.	A10 Networks 	Registered	78/644,679	3,172,464	11/14/2006
<b>Country:</b> United States					

**Schedule 7 (b)**  
**Intellectual Property**  
**Trademarks and Trademark Applications**

Owner	Trademark	Status	Application No.	Registration No.	Registration Date
A10 Networks, Inc.	A10 Networks 	Registered	010839512	010839512	11/21/2012
<b>Country:</b> CTM (Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK)					
A10 Networks, Inc.	A10 Networks 	Registered	964884	964884	3/5/2013
<b>Country:</b> New Zealand					
A10 Networks, Inc.	A10 Networks	Pending	840311010		
<b>Country:</b> Brazil					
A10 Networks, Inc. - Taiwan	A10 Networks 	Registered	101003451	1523913	6/16/2012
<b>Country:</b> Taiwan					
A10 Networks, Inc. - Taiwan	A10 Networks 睿科網路	Registered	101003458	1523914	6/16/2012
<b>Country:</b> Taiwan					
A10 Networks, Inc.	A10 Networks 	Registered	2012-020246	5512031	8/3/2012
<b>Country:</b> Japan					

**Schedule 7 (b)**  
**Intellectual Property**  
**Trademarks and Trademark Applications**

Owner	Trademark	Status	Application No.	Registration No.	Registration Date
A10 Networks, Inc.	A10 Networks 	Registered	IR1135537	IR1527114	8/13/2012

Country: Australia

A10 Networks, Inc.	A10 Networks 	Pending	4-2012-502292		
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Country: Philippines

A10 Networks, Inc.	A10 Networks 	Pending	174318		
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Country: Sri Lanka

A10 Networks, Inc.	A10 Networks 	Pending	2396695		
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Country: India

A10 Networks, Inc.	A10 Networks 	Pending	861145		
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Country: Thailand

A10 Networks, Inc.	A10 Networks 	Pending	2012015225		
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Country: Malaysia

**Schedule 7 (b)**  
**Intellectual Property**  
**Trademarks and Trademark Applications**

Owner	Trademark	Status	Application No.	Registration No.	Registration Date
A10 Networks, Inc.	A10 NETWORKS Katakana <small>エーテンネットワークス</small>	Registered	2012-020247	5512032	8/3/2012

Country: Japan

A10 Networks, Inc.	A10 Thunder	Published	85/907,225		
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Country: United States

A10 Networks, Inc.	A10 Thunder	Pending			
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Country: China

A10 Networks, Inc.	A10 Thunder	Pending			
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Country: WIPO (Designating Australia, India, Japan, New Zealand, Philippines, Singapore, Vietnam)

A10 Networks, Inc.	A10 Thunder	Pending	183094		
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Country: Sri Lanka

A10 Networks, Inc.	A10 Thunder	Pending	183095		
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Country: Sri Lanka

**Schedule 7 (b)**  
**Intellectual Property**  
**Trademarks and Trademark Applications**

Owner	Trademark	Status	Application No.	Registration No.	Registration Date
A10 Networks, Inc.	A10 Thunder	Pending	012104964		
Country: CTM (Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK)					
A10 Networks, Inc.	A10 Thunder	Pending	102052965		
Country: Taiwan					
A10 Networks, Inc.	aCloud	Published	85/409,201		
Country: United States					
A10 Networks, Inc.	ACOS	Registered	77/482,848	3,941,089	4/5/2011
Country: United States					
A10 Networks, Inc.	aDCS	Published	85/712,739		
Country: United States					
A10 Networks, Inc.	aFleX	Registered	77/623,372	4,026,494	9/13/2011
Country: United States					

**Schedule 7 (b)**  
**Intellectual Property**  
**Trademarks and Trademark Applications**

<b>Owner</b>	<b>Trademark</b>	<b>Status</b>	<b>Application No.</b>	<b>Registration No.</b>	<b>Registration Date</b>
A10 Networks, Inc.	aFlow	Registered	85/122,764	4,046,647	10/25/2011

**Country:** United States

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A10 Networks, Inc.	aGaaS	Published	85/772,964
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**Country:** United States

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A10 Networks, Inc.	aGalaxy	Published	85/098,612
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**Country:** United States

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A10 Networks, Inc.	aSDN	Published	85/773,139
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**Country:** United States

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A10 Networks, Inc.	aTopSmart	Published	85/772,995
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**Country:** United States

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A10 Networks, Inc.	aUAG	Published	85/764,048
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**Country:** United States

**Schedule 7 (b)**  
**Intellectual Property**  
**Trademarks and Trademark Applications**

Owner	Trademark	Status	Application No.	Registration No.	Registration Date
A10 Networks, Inc.	aVCS	Published	85/122,853		

Country: United States

A10 Networks, Inc.	aWAF	Published	85/715,186		
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Country: United States

A10 Networks, Inc.	aXAPI	Registered	77/558,380	3,901,069	1/4/2011
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Country: United States

A10 Networks, Inc.	IDaccess	Registered	77/216,225	3,686,619	9/22/2009
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Country: United States

A10 Networks, Inc.	IDSentrie	Registered	4963110	4963110	6/23/2006
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Country: Japan

A10 Networks, Inc.	IDSentrie	Registered	78/733,005	3,139,161	9/5/2006
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Country: United States



**Schedule 7 (b)**  
**Intellectual Property**  
**Trademarks and Trademark Applications**

Owner	Trademark	Status	Application No.	Registration No.	Registration Date
A10 Networks, Inc.	IDSentrie	Registered	004711016	004711016	1/10/2007
<b>Country:</b> CTM (Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK)					
A10 Networks, Inc.	IP to ID	Registered	78/974,860	3,490,692	8/19/2008
<b>Country:</b> United States					
A10 Networks, Inc.	IP to ID	Registered	IR915222	IR915222	2/9/2007
<b>Country:</b> Japan					
A10 Networks, Inc.	IP to ID	Priority Expired - See designated countries	IR915222		
<b>Country:</b> WIPO (Designating China and Japan)					
A10 Networks, Inc.	Link Director	Pending	85/809,649		
<b>Country:</b> United States					
A10 Networks, Inc.	MultiLink Director	Published	85/809,669		
<b>Country:</b> United States					

**Schedule 7 (b)**  
**Intellectual Property**  
**Trademarks and Trademark Applications**

<b>Owner</b>	<b>Trademark</b>	<b>Status</b>	<b>Application No.</b>	<b>Registration No.</b>	<b>Registration Date</b>
A10 Networks, Inc.	SoftAX	Registered	77/935,741	4,056,946	11/15/2011
<b>Country:</b> United States					
A10 Networks, Inc.	Thunder	Pending	86/025,513		
<b>Country:</b> United States					
A10 Networks, Inc.	VirtualADC	Pending	85/098,718		
<b>Country:</b> United States					
A10 Networks, Inc.	VirtualN	Registered	77/272,469	3,589,298	3/10/2009
<b>Country:</b> United States					
A10 Networks, Inc.	vThunder	Published	85/912,819	Pending	
<b>Country:</b> United States					
A10 Networks, Inc.	vThunder	Pending		Pending	
<b>Country:</b> China					

**Schedule 7 (b)**  
**Intellectual Property**  
**Trademarks and Trademark Applications**

Owner	Trademark	Status	Application No.	Registration No.	Registration Date
A10 Networks, Inc.	vThunder	Pending			
<b>Country:</b> WIPO (Designating Australia, India, Japan, New Zealand, Philippines, Singapore, Vietnam)					
A10 Networks, Inc.	vThunder	Pending	183096	Pending	
<b>Country:</b> Sri Lanka					
A10 Networks, Inc.	vThunder	Pending	183097	Pending	
<b>Country:</b> Sri Lanka					
A10 Networks, Inc.	vThunder	Pending	012105037		
<b>Country:</b> CTM (Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, UK)					
A10 Networks, Inc.	vThunder	Pending	102052963		
<b>Country:</b> Taiwan					