

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2878019

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

## CONVEYING PARTY DATA

Name	Execution Date
SYCAMORE NETWORKS, INC.	05/22/2014

## RECEIVING PARTY DATA

<b>Name:</b>	CITRIX SYSTEMS, INC.
<b>Street Address:</b>	851 WEST CYPRESS CREEK ROAD
<b>City:</b>	FORT LAUDERDALE
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33309

## PROPERTY NUMBERS Total: 17

Property Type	Number
Patent Number:	8271610
Application Number:	12200304
Application Number:	12250685
Application Number:	12473769
Patent Number:	8514697
Application Number:	12702807
Patent Number:	8560552
Application Number:	13404655
PCT Number:	US2009054998
PCT Number:	US2009060646
PCT Number:	US2010025157
Application Number:	13621990
PCT Number:	US2011020683
PCT Number:	US2011024198
PCT Number:	US2011024206
PCT Number:	US2010036713
PCT Number:	US2013027623

## CORRESPONDENCE DATA

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*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent*

**PATENT**

*using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

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<b>ATTORNEY DOCKET NUMBER:</b>	09266.0999-00000
<b>NAME OF SUBMITTER:</b>	SHERBONNE' BARNES-ANDERSON
<b>SIGNATURE:</b>	/Sherbonne' Barnes-Anderson/
<b>DATE SIGNED:</b>	05/30/2014

**Total Attachments: 5**

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**Patent Assignment (IQStream Patents)**

**THIS PATENT ASSIGNMENT** (this "**Patent Assignment**") is made effective as of May 22, 2014 (the "**Assignment Effective Date**") by and between Sycamore Networks, Inc., a Delaware corporation having a principal place of business at 220 Mill Road, Chelmsford, MA 02184 ("**Assignor**"), and Citrix Systems Inc., a Delaware corporation having a principal place of business at 851 West Cypress Creek Road, Fort Lauderdale, FL 33309 ("**Assignee**") (collectively referred to herein as the "**Parties**" and individually as "**Party**"). Capitalized terms used but not defined herein shall have the meanings assigned to them in the Agreement (as defined below).

**WHEREAS**, Assignor is the owner of the patents and patent applications listed on Schedule 1 hereto (the "**Patents**");

**WHEREAS**, Assignee wishes to acquire all of Assignor's right, title and interest in and to the Patents, and Assignor is willing to assign such rights to Assignee pursuant to this Patent Assignment;

**WHEREAS**, Assignor and Assignee have entered into a Patent Sale Agreement dated as of the date hereof, governing the terms and conditions of sale of the Patents (the "**Agreement**");

**NOW, THEREFORE**, for good and valuable consideration as set forth in the Agreement, the receipt of which is hereby acknowledged, Assignor and Assignee agree as follows:

1. Assignment. Assignor hereby sells, assigns, transfers and sets over to Assignee all of Assignor's right, title and interest in and to the Patents and all rights to enforce the Patents and to sue for, collect and retain any and all damages for past, present and future infringement of any and all of the Patents; and rights to collect royalties or other payments on account of Assignee's exploitation of any of the Patents.
2. Authorization. Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any applicable foreign agency to record this Patent Assignment and issue the Patents to Assignee and its successors, assigns and other legal representatives.
3. Counterparts. This Patent Assignment may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument. This Patent Assignment may be executed by facsimile or .PDF signature.
4. Entire Agreement. With the exception of the Agreement, this Patent Assignment (including the schedules hereto) constitutes the entire agreement by and between Assignor and Assignee and supersedes any prior agreements or representations by or between Assignor and Assignee, whether written or oral, with respect to the subject matter hereof. In the event there is any inconsistency or conflict between the terms of the Agreement and this Patent Assignment, the terms of the Agreement shall control and govern. This Patent Assignment may not be modified or amended, except in writing signed by the Parties.

*[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]*

IN WITNESS WHEREOF, the Parties have executed this Patent Assignment, made to be effective as of the Assignment Effective Date.

SYCAMORE NETWORKS, INC.

By: [Signature]  
Print Name: Dan Laxton  
Title: President & Board Chair  
Date: 5/22/14

CITRIX SYSTEMS INC.

By: [Signature]  
Print Name: Lesley A Hamlin  
Title: Associate GCIS  
Date: 5/22/14

**SCHEDULE 1****Assigned Patents**

<b>JURISDICTION</b>	<b>TITLE</b>	<b>PATENT OR APP. NO.</b>	<b>ISSUE OR FILING DATE</b>	<b>RECORD OWNER</b>
US	DISTRIBUTED CONTENT CACHING SOLUTION FOR A MOBILE WIRELESS NETWORK	Patent No. 8,271,610	9/18/2012 (Issue date)	Sycamore Networks, Inc.
US	DIGITAL CUSTOM DATA CONTENT INJECTION MECHANISM FOR A CONTENT DELIVERY NETWORK	App. No. 12/200,304	8/28/08 (Filing date)	Sycamore Networks, Inc.
US	CONTENT REPLACEMENT AND REFRESH POLICY IMPLEMENTATION FOR A CONTENT DISTRIBUTION NETWORK	App. No. 12/250,685	10/14/2008 (Filing date)	Sycamore Networks, Inc.
US	MECHANISM FOR APPLICATION MOBILITY IN A CELL SITE-BASED CONTENT DISTRIBUTION NETWORK	App. No. 12/473,769	5/28/2009 (Filing date)	Sycamore Networks, Inc.
US	MOBILE BROADBAND PACKET SWITCHED TRAFFIC OPTIMIZATION	Patent No. 8,514,697	8/20/2013 (Issue date)	Sycamore Networks, Inc.
US	MOBILE BROADBAND PACKET SWITCHED TRAFFIC OPTIMIZATION	App. No. 12/702,807	2/9/2010 (Filing date)	Sycamore Networks, Inc.
US	METHOD FOR LOSSLESS DATA REDUCTION OF REDUNDANT PATTERNS	Patent No. 8,560,552	10/15/2013 (Issue date)	Sycamore Networks, Inc.
US	WINDOW REGULATOR FOR IMPROVED PERFORMANCE IN A COMMUNICATIONS NETWORK	App. No. 13/404,655	2/24/12 (Filing Date)	Sycamore Networks, Inc.
CN	DIGITAL CUSTOM DATA CONTENT INJECTION MECHANISM FOR A CONTENT DELIVERY NETWORK	200980143 014.6 (published as CN102197 391)	8/26/2009 (Filing Date)	Sycamore Networks, Inc.

CN	DISTRIBUTED CONTENT CACHING SOLUTION FOR A MOBILE WIRELESS NETWORK	201080003 147.6 (published as CN102204 216)	2/24/2010 (Filing Date)	Sycamore Networks, Inc.
EP	DIGITAL CUSTOM DATA CONTENT INJECTION MECHANISM FOR A CONTENT DELIVERY NETWORK	200908105 22.4 (published as EP236295 6)	8/26/2009 (Filing Date)	Sycamore Networks, Inc.
EP	DISTRIBUTED CONTENT CACHING SOLUTION FOR A MOBILE WIRELESS NETWORK	201007077 27.3 (published as EP240443 2)	2/24/2010 (Filing Date)	Sycamore Networks, Inc.
PCT	DIGITAL CUSTOM DATA CONTENT INJECTION MECHANISM FOR A CONTENT DELIVERY NETWORK	PCT/US20 09/054998	8/26/2009 (Filing Date)	Sycamore Networks, Inc.
PCT	CONTENT REPLACEMENT AND REFRESH POLICY IMPLEMENTATION FOR A CONTENT DISTRIBUTION NETWORK	PCT/US20 09/060646	10/14/2009 (Filing Date)	Sycamore Networks, Inc.
PCT	DISTRIBUTED CONTENT CACHING SOLUTION FOR A MOBILE WIRELESS NETWORK	PCT/US20 10/025157	2/24/2010 (Filing Date)	Sycamore Networks, Inc.
US	DISTRIBUTED CONTENT CACHING SOLUTION FOR A MOBILE WIRELESS NETWORK	App. No. 13/621,990 (Published as 2013/0024 500)	9/18/2012 (Filing Date)	Sycamore Networks, Inc.
CN	MOBILE BROADBAND PACKET SWITCHED TRAFFIC OPTIMIZATION	201180005 683.4 (published as CN102812 748)	1/10/2011 (Filing Date)	Sycamore Networks, Inc.
EP	MOBILE BROADBAND PACKET SWITCHED TRAFFIC OPTIMIZATION	201107015 76.8 (published as EP252217 5)	1/10/2011 (Filing Date)	Sycamore Networks, Inc.
PCT	MOBILE BROADBAND PACKET SWITCHED TRAFFIC OPTIMIZATION	PCT/US20 11/020683	1/10/2011 (Filing Date)	Sycamore Networks, Inc.

PCT	RNC BYPASS	PCT/US20 11/024198	2/9/2011 (Filing Date)	Sycamore Networks, Inc.
PCT	METHOD FOR LOSSLESS DATA REDUCTION OF REDUNDANT PATTERNS	PCT/US20 11/024206	2/9/2011 (Filing Date)	Sycamore Networks, Inc.
CN	MECHANISM FOR APPLICATION MOBILITY IN A CELL SITE-BASED CONTENT DISTRIBUTION NETWORK	201083176 2 (published as CN102577 506)	5/28/2010 (Filing Date)	Sycamore Networks, Inc.
EP	MECHANISM FOR APPLICATION MOBILITY IN A CELL SITE-BASED CONTENT DISTRIBUTION NETWORK	201007306 20.1 (published as EP243620 9)	5/28/2010 (Filing Date)	Sycamore Networks, Inc.
PCT	MECHANISM FOR APPLICATION MOBILITY IN A CELL SITE-BASED CONTENT DISTRIBUTION NETWORK	PCT/US20 10/036713	5/28/2010 (Filing Date)	Sycamore Networks, Inc.
PCT	A WINDOW REGULATOR FOR IMPROVED PERFORMANCE IN A COMMUNICATIONS NETWORK	PCT/US20 13/027623	2/25/2013 (Filing Date)	Sycamore Networks, Inc.