

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2683366

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GARY SHAFFER	01/15/2014
RECEIVING PARTY DATA	
Name:	CISCO TECHNOLOGY, INC.
Street Address:	170 WEST TASMAN DRIVE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134-1706
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14155854
CORRESPONDENCE DATA	
Fax Number:	(216)621-4072
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	GARY J. PITZER
Address Line 1:	TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP
Address Line 2:	1300 EAST NINTH STREET - SUITE 1700
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	CSCO-022865 US PRI
NAME OF SUBMITTER:	GARY J. PITZER
Signature:	/Gary J. Pitzer/
Date:	01/15/2014
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

**CSCO-022865 US PRI**

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

**1. Name of conveying party(ies)/Execution Date(s):**

GARY SHAFFER

**2. Name and address of receiving party(ies)**

Name: Cisco Technology, Inc.

Internal Address: \_\_\_\_\_

Street Address: 170 West Tasman Drive

City: San Jose

State: California

Country: USA Zip: 95134-1706

Additional name(s) & address(es) attached?  Yes  No

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance:**

Execution Date(s) 01/14/2014

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

**14/155854 - FILED JANUARY 15, 2014**

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: GARY J. PITZER

Internal Address: \_\_\_\_\_

Tarolli, Sundheim, Covell & Tummino LLP

Street Address: 1300 East Ninth Street - Suite 1700

City: Cleveland

State: OH Zip: 44114

Phone Number: 216-621-2234

Fax Number: 216-621-4072

Email Address: gpitzer@tarolli.com

**6. Total number of applications and patents involved:**

**1**

**7. Total fee (37 CFR 1.21(h) & 3.41)**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

- a. Credit Card Last 4 Numbers 1931  
Expiration Date 08/2015
- b. Deposit Account Number 20-0090

Authorized User Name Tarolli, Sundheim, Covell & Tummino L.L.P.

**9. Signature:**

  
Signature

**15 - JAN - 2014**

Date

GARY J. PITZER, Reg. No. 39,334  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

**3**

**ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors "Assignor"), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Cisco Technology, Inc., ("Assignee") a California corporation having an address of 170 West Tasman Drive, San Jose, California 95134-1706, desires to acquire all right, title, and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon.

NOW, THEREFORE, for and in consideration of One United States Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

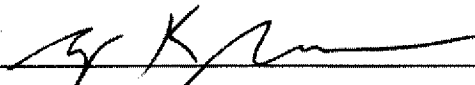
I also assign to Assignee, all right title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

**Attorney Docket No.: CSCO-022865 US PRI**

Title of the Invention: **SYNCHRONIZATION OF STREAMING DATA WITH VARIABLE BOUNDARY PLACEMENT**

Signature of Inventor: 

Inventor's Name: GARY SHAFFER

Residence (City, State): TOPSHAM, MAINE

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Citizenship: US

Date: 1/14/2014