

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | Release of Security Interest in Patent Collateral (Releases RF 021371/0500) |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| White Oak Global Advisors, LLC | 08/01/2013 |
| RECEIVING PARTY DATA | |
| Name: | Calix Networks, Inc. |
| Street Address: | 1035 N. MCDOWELL BOULEVARD |
| City: | PETALUMA |
| State/Country: | CALIFORNIA |
| Postal Code: | 94954 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Patent Number: | 8139605 |
| CORRESPONDENCE DATA | |
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| NAME OF SUBMITTER: | Anna T Kwan |
| Signature: | /atk/ |
| Date: | 08/01/2013 |
| Total Attachments: 3 source=Release by White Oak#page1.tif source=Release by White Oak#page2.tif source=Release by White Oak#page3.tif | |

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**RELEASE OF SECURITY INTEREST IN
PATENT COLLATERAL**

This RELEASE, dated as of August 1, 2013 (this "Release"), is made by White Oak Global Advisors, LLC ("White Oak"), in favor of Calix Networks, Inc. ("Calix") as follows:

W I T N E S S E T H

WHEREAS, pursuant to the Grant of Security Interest in Patents, Trademarks, and Copyrights, dated July 1, 2008 (the "Security Agreement"), and recorded with the United States Patent and Trademark Office on August 11, 2008 at Reel/Frame No. 021371/0500, Calix granted White Oak a security interest in its patents and all applications therefor, technology and know-how, and all licenses, royalties and other monies relating thereto (the "Patent Collateral");

WHEREAS, Calix has requested that White Oak release its security interest in all right, title and interest in and to the patents and all applications therefor, technology and know-how, and all licenses, royalties and other monies relating thereto, set forth in Schedule A.


NOW, THEREFORE, White Oak, without recourse, representation or warranty and at Calix's sole cost and expense, hereby RELEASES all of its right, title and interest in and to the security interests granted to White Oak pursuant to the Security Agreement in each of the patents set forth in Schedule A, attached hereto and incorporated herein by reference and the registrations of and applications for said patents.

White Oak agrees to provide Calix with any information and additional authorization necessary to effect the release of White Oak's security interest in the Patent Collateral.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, White Oak has caused this Release to be duly executed and delivered by its duly authorized officer as of the date first written above.

WHITE OAK GLOBAL ADVISORS, LLC

By: 
Name: Matthew Gaudill
Title: General Counsel

**SCHEDULE A
TO
RELEASE OF SECURITY INTEREST
IN PATENT COLLATERAL**

Reel/Frame No. 021371/0500

Patents:

| Title | App. No. | Patent No. |
|---|-----------------|-------------------|
| UPGRADE RESILIENT MULTI-TRANSPORT OPTICAL NETWORK TERMINAL | 12115220 | 8139605 |