

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mark R. Biegert	04/03/2007
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
Application Number:	11706842
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	1034-031US01
NAME OF SUBMITTER:	Steven J. Shumaker
Total Attachments: 1 source=ASSIGNMENT#page1.tif	

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REEL: 019113 FRAME: 0115

Attorney Docket No.: 1034-031US01

**ASSIGNMENT**

For valuable consideration, I, Mark R. Biegert of 7505 Orchid Lane N., Maple Grove, Minnesota 55311, hereby assign to: Calix Networks, Inc., having a place of business at: 1035 N. McDowell Boulevard, Petaluma, CA 94954 and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, entitled COMMUNICATION BETWEEN NETWORK INTERFACE DEVICE AND SUBSCRIBER DEVICES VIA POWER SUPPLY LINES, filed February 15, 2007, and assigned U.S. Serial Number 11/706,842; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 3 - April - 07

Mark R. Biegert  
Mark R. Biegert

PATENT

RECORDED: 04/04/2007

REEL: 019113 FRAME: 0116