PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
N			Name Execution Date		
Berkay Baykal				07/18/2012	
Name:	Calix, Inc.				
Street Address:	1035 N. McDowell Boulevard				
City:	Petaluma				
State/Country:	CALIFORNIA				
Postal Code:	94954				
PROPERTY NUMBERS Total: 1					
Property Type		Number			
Application Number:		13552	552258		
CORRESPONDENCE DATA					
Fax Number: (651)735-1102					
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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.					
Correspondent Name:	ondent Name: SHUMAKER & SIEFFERT, P. A.				
Address Line 1:	1625 RADIO DRIVE				
Address Line 2:	SUITE 300				
Address Line 4: WOODBURY, MINNESOTA 55125					
ATTORNEY DOCKET NUMBER:		1034-082US01			
NAME OF SUBMITTER:		Karen D. Sorensen			
Total Attachments: 1 source=Assignment#page1.tif					

Attorney Docket No.: 1034-082US01

ASSIGNMENT

For valuable consideration, I, Berkay Baykal of 75 Ripley St., Newton, Massachusetts, 02459, hereby assign to: Calix, Inc., having a place of business at: 1035 N. McDowell Boulevard, Petaluma, California 94954 and its successors and assigns (collectively hereinafter called "the Assignce") 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 me, entitled APPLYING HEURISTICS TO MANAGE MULTICAST SUBSCRIPTIONS WITHIN COMPUTER NETWORKS, filed herewith, this assignment including said application, any provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, 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: <u>7/18/2012</u>

Berkay Baykal /

RECORDED: 07/18/2012