

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>		NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>		SECURITY INTEREST	
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Cambium (US), L.L.C.		10/28/2011	LIMITED LIABILITY COMPANY: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Silicon Valley Bank		
<b>Street Address:</b>	2400 Hanover Street		
<b>City:</b>	Palo Alto		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	94304		
<b>Entity Type:</b>	Bank: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
Registration Number:	2941524	CANOPY	
Registration Number:	2913526	CANOPY	
Registration Number:	2991036	ORTHOOGON	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(212)446-4900		
<b>Email:</b>	susan.zablocki@kirkland.com		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Correspondent Name:</b>	Susan Zablocki		
<b>Address Line 1:</b>	Kirkland & Ellis LLP		
<b>Address Line 2:</b>	601 Lexington Avenue		
<b>Address Line 4:</b>	New York, NEW YORK 10022		
<b>ATTORNEY DOCKET NUMBER:</b>	23061-14		
<b>NAME OF SUBMITTER:</b>	Susan Zablocki		

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**900205871**

**TRADEMARK  
 REEL: 004651 FRAME: 0274**

Signature:	/susan zablocki/
Date:	10/28/2011
<b>Total Attachments: 15</b> source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page1.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page2.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page3.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page4.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page5.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page6.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page7.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page8.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page9.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page10.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page11.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page12.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page13.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page14.tif source=Cambium 29 FINAL_ Intellectual Property Security Agreement2#page15.tif	

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of October 28, 2011 by and between the Grantors listed on the signature page hereto (collectively, the "*Grantor*") and Silicon Valley Bank ("*Bank*").

### RECITALS

A. Bank and the Lenders have agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "*Loans*") in the amounts and manner set forth in that certain Credit Agreement among Cambium (US), L.L.C, as Borrower, Vector Cambium (Lux) 1, S.A.R.L., as Holdings, the Lenders party thereto and Bank, as administrative agent and issuing lender, dated as of even date herewith (as the same may be amended, modified or supplemented from time to time, the "*Credit Agreement*"). Unless otherwise specified, capitalized terms used herein are used as defined in the Credit Agreement.

B. In consideration of the agreement by Bank and Lenders to make the Loans to Borrower under the Credit Agreement, Borrower, Holdings and the other Grantors party thereto have entered into that certain Guarantee and Collateral Agreement in favor of Bank, as administrative agent, dated as of even date herewith (as the same may be amended, modified or supplemented from time to time, the "*Guarantee and Collateral Agreement*").

C. Bank and Lenders are willing to make the Loans to Borrower, but only upon the condition, among others, that Borrower and the Grantors shall grant to Bank a security interest in certain Copyrights, Trademarks, and Patents (in each case, as defined in the Guarantee and Collateral Agreement) to secure the obligations of Borrower under the Credit Agreement and the Guarantee and Collateral Agreement.

D. Pursuant to the terms of the Credit Agreement and the Guarantee and Collateral Agreement, Borrower has granted to Bank, as administrative agent for the Secured Parties, a security interest in all of such Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its Obligations under the Credit Agreement and Loan Documents, Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

To secure its Obligations under the Credit Agreement and Loan Documents, Grantor grants and pledges to Bank a security interest in all of such Grantor's right, title and interest in, to and under its intellectual property collateral (including without limitation those Copyrights, Patents, and Trademarks listed on Exhibits A, B, and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all

rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Guarantee and Collateral Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Credit Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Credit Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Credit Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

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IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

Address of Grantors:

CAMBIUM (US), L.L.C.  
Unit B2 Linhay Business Park  
Eastern Road, Ashburton, Devon  
TQ13 7UP, United Kingdom  
Attn: Tim Allen

Grantors:

CAMBIUM (US), L.L.C.

By: 

Name: Timothy Allen  
Title: Chief Financial Officer

*Signature Page – Intellectual Property Security Agreement*

**TRADEMARK**  
**REEL: 004651 FRAME: 0278**

Address of Bank:  
Silicon Valley Bank  
2400 Hanover Street  
Palo Alto, California 94304  
Attn: Michael Willard

Bank:  
SILICON VALLEY BANK as  
Administrative Agent

By: Michael Willard  
Name: Michael Willard  
Title: Relationship Manager

**EXHIBIT A**

**COPYRIGHTS**

None

**EXHIBIT B****PATENTS**

<b>Title</b>	<b>Country</b>	<b>Case Description</b>	<b>Status Description</b>	<b>Application Num</b>	<b>Application Date</b>	<b>Patent Number</b>	<b>Grant Date</b>
METHOD FOR SCHEDULING TRANSMISSIONS IN COMMUNICATION SYSTEMS	United States	Regular Case Type	Filed	12/797700	6/9/2010		
SUPPORTING COMMUNICATION DEVICES WITH DIFFERENT COMMUNICATION TECHNOLOGIES WITHIN THE SAME COMMUNICATION CHANNEL	United States	Regular Case Type	Filed	12/967283	12/14/2010		
DATA DITHERING APPARATUS AND METHOD	United States	Regular Case Type	Granted	10/158341	5/30/2002	7200184	4/3/2007

**TRADEMARK****REEL: 004651 FRAME: 0281**



Title	Country	Case Description	Status Description	Application Num	Application Date	Patent Number	Grant Date
HOUSING FOR A COMMUNICATION DEVICE	United States	Design	Granted	29/161713	6/3/2002	D480389	10/7/2003
DUAL PAYLOAD AND ADAPTIVE MODULATION	Germany	Regular Case Type	Filed	11200600020	1/13/2006		
DUAL PAYLOAD AND ADAPTIVE MODULATION	Republic of Korea	Regular Case Type	Granted	10-2007-7016104	1/13/2006	10-0973634	7/27/2010
DUAL PAYLOAD AND ADAPTIVE MODULATION	China P.R.	Regular Case Type	Filed	200680002439	1/13/2006		
DUAL PAYLOAD AND ADAPTIVE MODULATION	United States	Regular Case Type	Granted	11/332827	1/13/2006	7656969	2/2/2010
DUAL PAYLOAD AND ADAPTIVE MODULATION	Great Britain	Regular Case Type	Granted	712620.4	1/13/2006	GB2437196	6/3/2009

<b>Title</b>	<b>Country</b>	<b>Case Description</b>	<b>Status Description</b>	<b>Application Num</b>	<b>Application Date</b>	<b>Patent Number</b>	<b>Grant Date</b>
SELF OPTIMIZATION OF TIME DIVISION DUPLEX (TDD) TIMING AND ADAPTIVE MODULATION THRESHOLDS	United States	Regular Case Type	Granted	11/456578	7/11/2006	7751430	7/6/2010
SELF OPTIMIZATION OF TIME DIVISION DUPLEX (TDD) TIMING AND ADAPTIVE MODULATION THRESHOLDS	China P.R.	Regular Case Type	Filed	200680025730	7/12/2006		
SELF OPTIMIZATION OF TIME DIVISION DUPLEX (TDD) TIMING AND ADAPTIVE MODULATION THRESHOLDS	Republic of Korea	Regular Case Type	Granted	10-2008-7001024	7/12/2006	10-1002181	12/13/2010

Title	Country	Case Description	Status Description	Application Num	Application Date	Patent Number	Grant Date
SEQUENTIALLY DECODED LOW DENSITY PARITY CODING (LDPC) FORWARD ERROR CORRECTION (FEC) IN ORTHOGONAL FREQUENCY DIVISION MODULATION (OFDM) SYSTEMS	United States	Regular Case Type	Granted	11/625857	1/23/2007	7388522	6/17/2008
COFDM TRANSMITTER WITH DIVERSITY AND TIME DELAY	Patent Cooperation Treaty	Regular Case Type	Filed	PCT/GB2001/002695	6/20/2001		
TRANSMITTING AN OFDM SIGNAL OVER MORE THAN ONE CHANNEL WERE EACH CHANNEL AFTER THE FIRST HAS A POSITIVE OR NEGATIVE TIME DELAY	Great Britain	Regular Case Type	Granted	15884	6/29/2000	GB2364205	9/18/2002

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Title	Country	Case Description	Status Description	Application Num	Application Date	Patent Number	Grant Date
HINGED ANTENNA MOUNT	France	Design	Granted	13286	6/5/2001	13286	6/5/2001
HINGED ANTENNA MOUNT	Great Britain	Design	Granted	2098886	1/18/2001	2098886	2/15/2001
PATCH ANTENNA	Great Britain	Regular Case Type	Granted	105488.1	3/6/2001	GB2373100	5/7/2003
ONE PIECE OPEN AND CLOSABLE METAL RF-SHIELD	United States	Regular Case Type	Granted	08/417131	3/31/1995	5614694	3/25/1997
BIAS VOLTAGE CIRCUIT FOR BIASING A TRANSIENT SUPPRESSION DEVICE AND APPARATUS USING SAME	United States	Regular Case Type	Filed	13/034934	2/25/2011		

**EXHIBIT C**

**TRADEMARKS**

Mark Name	Country Name	Application Number	Application Date	Registration Number	Registration Date
CANOPY	Afghanistan	5997	30-Jul-06	7904	30-Jul-06
CANOPY	Argentina	2427217	29-Apr-03	1989277	27-Aug-04
CANOPY	Brazil	827387563	10-May-05	827387563	16-Oct-07
CANOPY	Canada	1115571	13-Sep-01	TMA621862	06-Oct-04
CANOPY	Chile	605.499	24-Apr-03	676.825	24-Oct-03
CANOPY	China P.R.	3223546	26-Jun-02	3223546	07-Aug-03
CANOPY	Colombia	03035202	28-Apr-03	277849	28-Nov-03
CANOPY	Community Trademark (European Union)	2527703	08-Jan-02	2527703	06-Jun-03
CANOPY	Costa Rica	2003-0002477	29-Apr-03	141143	18-Sep-03
CANOPY	Ecuador	133167-03	22-Apr-03	24733-03	21-Aug-03
CANOPY	El Salvador	E-36752-2003	25-Apr-03	150 Book20	16-Sep-04
CANOPY	Guatemala	20032751	25-Apr-03	126122	01-Oct-03
CANOPY	Honduras	10076/2003	23-Apr-03	98364	18-Sep-06
CANOPY	Hong Kong	300062838	14-Aug-03	300062838	14-Aug-03
CANOPY	India	1195001	28-Apr-03	1195001	28-Apr-03
CANOPY	Indonesia	D00-2003-9871-9968	24-Apr-03	IDM000003153	12-Apr-04
CANOPY	Kazakistan	23215	22-Apr-03	16988	08-Oct-04
CANOPY	Malaysia	2003-04848	25-Apr-03	03004848	25-Apr-03

Mark Name	Country Name	Application Number	Application Date	Registration Number	Registration Date
CANOPY	Mexico	767541	22-Feb-06	1049313	22-Feb-06
CANOPY	Morocco	105350	24-Jul-06	105350	24-Jul-06
CANOPY	Netherlands Antilles	D-600445	20-Jul-06	12256	20-Jul-06
CANOPY	New Zealand	677111	22-Apr-03	677111	22-Apr-03
CANOPY	Nicaragua	2003-001533	21-May-03	59894 LM	21-Jan-04
CANOPY	Nigeria	TP.73635/03	30-Apr-03	RTM 67438	30-Apr-03
CANOPY	Norway	2006 07693	21-Jul-06	244634	03-Mar-08
CANOPY	Pakistan	225545	29-Jul-06	225545	12-Mar-10
CANOPY	Panama	126751	23-Apr-03	126751	23-Apr-03
CANOPY	Paraguay	11056-2003	08-May-03	273893	26-Nov-04
CANOPY	Philippines	4-2003-007426	14-Aug-03	4-2003-007426	11-Aug-05
CANOPY	Poland	Z-294899	12-May-05	R-193091	05-Jun-07
CANOPY	Russian Federation	2003711274	06-Jun-03	269470	31-May-04
CANOPY	Singapore	T0305787C	23-Apr-03	T0305787C	23-Apr-03
CANOPY	South Africa	2003/06747	23-Apr-03	2003/06747	09-Jul-08
CANOPY	South Korea	40-2003-20262	03-May-03	40-587044	08-Jul-04
CANOPY	Taiwan	92019818	24-Apr-03	1079588	01-Jan-04
CANOPY	Thailand	527629	20-Aug-03	TM201931	20-Aug-03
CANOPY	Ukraine	2003054517/T	05-May-03	49633	16-May-05
CANOPY	United Arab Emirates	83526	30-Jul-06	83472	14-Aug-07
CANOPY	United States	78/082912	06-Sep-01	2941524	19-Apr-05
CANOPY	Uruguay	347014	24-Apr-03	347014	01-Mar-04
CANOPY	Uzbekistan	MGU 2003 0257	25-Apr-03	MGU 12652	28-Apr-04

Mark Name	Country Name	Application Number	Application Date	Registration Number	Registration Date
CANOPY	Venezuela	2005-009404	10-May-05	P-268376	16-Feb-06
CANOPY	Vietnam	4-2007-07568	02-May-07	103410	19-Jun-08
CANOPY	Zambia	248/2003	09-May-03	248/2003	09-May-03
CANOPY (and Design)	Nicaragua	2003-01532	21-May-03	59895 LM	21-Jan-04
CANOPY and Design	Argentina	2427218	29-Apr-03	1989276	27-Aug-04
CANOPY and Design	Australia	1054398	09-May-05	1054398	09-May-05
CANOPY and Design	Brazil	827387601	10-May-05	827387601	14-Apr-09
CANOPY and Design	Canada	1128211	15-Jan-02	TMA622115	07-Oct-04
CANOPY and Design	Chile	605.500	24-Apr-03	676.826	24-Oct-03
CANOPY and Design	China P.R.	3223545	26-Jun-02	3223545	14-Aug-03
CANOPY and Design	Colombia	03035203	28-Apr-03	277874	28-Nov-03
CANOPY and Design	Community Trademark (European Union)	2540359	18-Jan-02	2540359	08-Sep-03
CANOPY and Design	Costa Rica	2003-0002474	29-Apr-03	141141	18-Sep-03
CANOPY and Design	Ecuador	133166-03	22-Apr-03	24732-03	21-Aug-03
CANOPY and Design	El Salvador	E-36753-2003	25-Apr-03	113 Book 11	16-Mar-04
CANOPY and Design	Guatemala	20032804	29-Apr-03	126271	09-Oct-03
CANOPY and Design	Honduras	10075/2003	23-Apr-03	89982	23-Feb-04
CANOPY and Design	Hong Kong	300033696	17-Jun-03	300033696	17-Jun-03

Mark Name	Country Name	Application Number	Application Date	Registration Number	Registration Date
Design					
CANOPY and Design	India	1195002	28-Apr-03	1195002	28-Apr-03
CANOPY and Design	Indonesia	D00-2003-9870-9967	24-Apr-03	IDM000003152	12-Apr-04
CANOPY and Design	Kazakstan	23214	22-Apr-03	16987	08-Oct-04
CANOPY and Design	Malaysia	2003-04847	25-Apr-03	03004847	25-Apr-03
CANOPY and Design	Mexico	767540	22-Feb-06	1049312	22-Feb-06
CANOPY and Design	New Zealand	677110	22-Apr-03	677110	09-Mar-04
CANOPY and Design	Nigeria	TP.73634/03	30-Apr-03		
CANOPY and Design	Panama	126750	23-Apr-03	126750	23-Apr-03
CANOPY and Design	Paraguay	11055-2003	08-May-03	273787	25-Nov-04
CANOPY and Design	Philippines	4-2003-07427	14-Aug-03	4-2003-07427	11-Aug-05
CANOPY and Design	Poland	Z-294898	12-May-05	R-193090	05-Jun-07
CANOPY and Design	Russian Federation	2003711273	06-Jun-03	268934	20-May-04
CANOPY and Design	Singapore	T0305788A	23-Apr-03	T0305788A	23-Apr-03
CANOPY and Design	South Africa	2003/06748	23-Apr-03	2003/06748	02-Aug-07
CANOPY and Design	South Korea	40-2003-20263	03-May-03	40-587045	08-Jul-04
CANOPY and Design	Taiwan	92019819	24-Apr-03	1084204	01-Feb-04



Mark Name	Country Name	Application Number	Application Date	Registration Number	Registration Date
CANOPY and Design	Thailand	517670	09-May-03	TM195983	04-May-04
CANOPY and Design	Ukraine	2003054518/T	05-May-03	51229	15-Jul-05
CANOPY and Design	United States	76/357633	11-Jan-02	2913526	21-Dec-04
CANOPY and Design	Uruguay	347013	24-Apr-03	347013	01-Mar-04
CANOPY and Design	Uzbekistan	MGU 2003 0256	25-Apr-03	MGU 12651	28-Apr-04
CANOPY and Design	Venezuela	2005-009405	10-May-05	P-272393	17-Jul-06
CANOPY and Design	Zambia	254/2003	12-May-03	254/2003	12-May-03
ORTHOOGON	Great Britain	2318005	07-Dec-02	2318005	20-Jun-03
ORTHOOGON	United States	76/531655	23-Jul-03	2991036	06-Sep-05