

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CAMBIUM (US), L.L.C.	11/14/2012
RECEIVING PARTY DATA	
Name:	CAMBIUM NETWORKS, LTD
Street Address:	Unit B2 Linhay Business Park, Eastern Road
Internal Address:	Ashburton, Newton Abbot
City:	Devon
State/Country:	UNITED KINGDOM
Postal Code:	TQ13 7UP
PROPERTY NUMBERS Total: 8	
Property Type	Number
Patent Number:	5614694
Patent Number:	7200184
Patent Number:	7656969
Patent Number:	7751430
Patent Number:	7388522
Application Number:	12797700
Application Number:	12967283
Application Number:	13034934
CORRESPONDENCE DATA	
Fax Number:	3123214299
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	John G. Rauch by Brenda Skinner

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Address Line 2: P.O. Box 10395
Address Line 4: Chicago, ILLINOIS 60610

ATTORNEY DOCKET NUMBER: 14869-6

NAME OF SUBMITTER: John G. Rauch

Signature: /John G. Rauch/

Date: 04/17/2013

Total Attachments: 19

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PRIVILEGED AND CONFIDENTIAL

CAMBIUM (US), L.L.C.
AND
CAMBIUM NETWORKS, LTD

INTELLECTUAL PROPERTY
ASSIGNMENT

PATENT
REEL: 030234 FRAME: 0619

THIS ASSIGNMENT is dated 14 November 2012 (this "Assignment")

BETWEEN

- (1) **CAMBIUM (US), L.L.C.**, a Delaware limited liability company having the company number 5031983, and whose registered office is at Corporation Trust Centre, 1209 Orange Street, in the City of Wilmington, County of New Castle, Delaware 19801 (the "Assignor"); and
- (2) **CAMBIUM NETWORKS, LTD**, a company registered in England and Wales having the company number 07752773, and whose registered office is at Unit B2 Linhay Business Park, Eastern Road, Ashburton, Newton Abbot, Devon, United Kingdom TQ13 7UP (the "Assignee"),

referred to hereinafter collectively as the "Parties" and each individually as a "Party".

WHEREAS

- (A) The Assignor owns the Intellectual Property (as defined below).
- (B) The Assignor has agreed to assign to the Assignee all its legal and beneficial right, title and interest in and to such Intellectual Property, together with any goodwill attaching thereto on the terms set out in this Assignment.

IT IS HEREBY AGREED AS FOLLOWS

1. INTERPRETATION

The definition in this clause applies in this Assignment.

Intellectual Property means patents, trade marks, service marks, registered designs, applications and rights to apply for any of those rights, internet domain names, copyrights, software, database rights, goodwill, and know-how, whether registered or not, and rights of the same or similar effect or nature which now or in the future subsist anywhere in the world, and shall include but not be limited to non-compete agreements, customer relationships, and the trade marks, patents and designs set-out in Schedule 1, Schedule 2 and Schedule 3 attached hereto.

2. ASSIGNMENT

In consideration of the sum of USD [REDACTED] paid by the Assignee to the Assignor (the receipt and sufficiency of which is hereby acknowledged by the Assignor), the Assignor hereby assigns and transfers to the Assignee, absolutely with full title guarantee:

- 2.1. all of its legal and beneficial right, title and interest in and to the Intellectual Property, together with any goodwill attaching thereto; and
- 2.2. the right to sue for and recover damages and other remedies for any infringement of the Intellectual Property which occurred prior to the date of this Assignment.

3. WARRANTIES

The Assignor warrants and represents that:

- (a) The Assignor is the sole owner of the Intellectual Property; and
- (b) The Intellectual Property does not infringe the intellectual property rights of any third party.

4. FURTHER ASSURANCE

The Assignor shall, at the request and at the costs of the Assignee, do or procure to be done all such further acts and things, and execute or procure the execution of all such other documents, as the Assignee may from time to time require in order to enable the Assignee to protect, perfect, enforce or enjoy the Intellectual Property.

5. WHOLE AGREEMENT

This Assignment contains the whole agreement between the Parties and supersedes any prior written or oral agreement between them in relation to its subject matter and the Parties confirm that they have not entered into this Assignment upon the basis of any representations that are not expressly incorporated into this Assignment. No oral explanation or oral information given by any Party shall alter or affect the interpretation of this Assignment.

6. THIRD PARTIES

This Assignment does not create any right enforceable by any person not a party to it.

7. COUNTERPARTS

This Assignment may be executed in one or more counterparts, each of which shall be an original and all of which shall constitute together the same document.

8. APPLICABLE LAW

This Assignment will be governed by the laws of England and Wales, and the courts of England shall have exclusive jurisdiction to settle disputes arising from, or connected with same.

EXECUTED by the Parties

EXECUTED by)
CAMBIUM (US), L.L.C.)
acting by T. ALCO)
and R. KEVIN)
being persons who, in accordance)
with the laws of the territory in)
which the company is)
incorporated are acting under the)
authority of the company)



Authorised Signatory

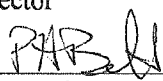


Authorised Signatory

EXECUTED by)
CAMBIUM NETWORKS, LTD)
and signed on its behalf by)
T. ALCO and)
P. BART.)
_____)



Director



Director / Secretary

SCHEDULE 1

TRADE MARKS

SCHEDULE 1

TRADE MARKS

Trade Mark	Country	Application Number	Application Date	Registration Number	Registration Date
CANOPY	Afghanistan	5997	30-Jul-2006	7904	30-Jul-2006
CANOPY	Argentina	2427217	29-Apr-2003	1989277	27-Aug-2004
CANOPY	Brazil	827387563	10-May-2005	827387563	16-Oct-2007
CANOPY	Canada	1115571	13-Sep-2001	TMA621862	06-Oct-2004
CANOPY	Chile	605.499	24-Apr-2003	676.825	24-Oct-2003
CANOPY	China	3223546	26-Jun-2002	3223546	07-Aug-2003
CANOPY	Colombia	03035202	28-Apr-2003	277849	28-Nov-2003
CANOPY	Community Trade Mark	2527703	08-Jan-2002	2527703	06-Jun-2003
CANOPY	Costa Rica	2003-0002477	29-Apr-2003	141143	18-Sep-2003
CANOPY	Ecuador	133167-03	22-Apr-2003	24733-03	21-Aug-2003
CANOPY	El Salvador	E-36752-2003	25-Apr-2003	150 Book 20	16-Sep-2004
CANOPY	Guatemala	20032751	25-Apr-2003	126122	01-Oct-2003

K&E 9209894.1

Trade Mark	Country	Application Number	Application Date	Registration Number	Registration Date
CANOPY	Honduras	10076/2003	23-Apr-2003	98364	18-Sep-2006
CANOPY	Hong Kong	300062838	14-Aug-2003	300062838	14-Aug-2003
CANOPY	India	1195001	28-Apr-2003	1195001	28-Apr-2003
CANOPY	Indonesia	D00-2003-9871-9968	24-Apr-2003	IDM000003153	12-Apr-2004
CANOPY	Kazakstan	23215	22-Apr-2003	16988	08-Oct-2004
CANOPY	Malaysia	2003-04848	25-Apr-2003	03004848	25-Apr-2003
CANOPY	Mexico	767541	22-Feb-2006	1049313	22-Feb-2006
CANOPY	Morocco	105350	24-Jul-2006	105350	24-Jul-2006
CANOPY	Netherlands Antilles	D-600445	20-Jul-2006	12256	20-Jul-2006
CANOPY	New Zealand	677111	22-Apr-2003	677111	22-Apr-2003
CANOPY	Nicaragua	2003-001533	21-May-2003	59894 LM	21-Jan-2004
CANOPY	Nigeria	TP73635/03	30-Apr-2003	RTM 67438	30-Apr-2003
CANOPY	Norway	2006 07693	21-Jul-2006	244634	03-Mar-2008
CANOPY	Pakistan	225545	29-Jul-2006	225545	12-Mar-2010

Trade Mark	Country	Application Number	Application Date	Registration Number	Registration Date
CANOPY	Panama	126751	23-Apr-2003	126751	23-Apr-2003
CANOPY	Paraguay	11056-2003	08-May-2003	273893	26-Nov-2004
CANOPY	Philippines	4-2003-007426	14-Aug-2003	4-2003-007426	11-Aug-2005
CANOPY	Poland	Z-294899	12-May-2005	R-193091	05-Jun-2007
CANOPY	Russian Federation	2003711274	06-Jun-2003	269470	31-May-2004
CANOPY	Singapore	T0305787C	23-Apr-2003	T0305787C	23-Apr-2003
CANOPY	South Africa	2003/06747	23-Apr-2003	2003/06747	09-Jul-2008
CANOPY	South Korea	40-2003-20262	03-May-2003	40-587044	08-Jul-2004
CANOPY	Taiwan	92019818	24-Apr-2003	1079588	01-Jan-2004
CANOPY	Thailand	527629	20-Aug-2003	TM201931	20-Aug-2003
CANOPY	Ukraine	2003054517/T	05-May-2003	49633	16-May-2005
CANOPY	United Arab Emirates	83526	30-Jul-2006	83472	14-Aug-2007
CANOPY	United States	78/082912	06-Sep-2001	2941524	19-Apr-2005

Trade Mark	Country	Application Number	Application Date	Registration Number	Registration Date
CANOPY	Uruguay	347014	24-Apr-2003	347014	01-Mar-2004
CANOPY	Uzbekistan	MGU 2003 0257	25-Apr-2003	MGU 12652	28-Apr-2004
CANOPY	Venezuela	2005-009404	10-May-2005	P-268376	16-Feb-2006
CANOPY	Vietnam	4-2007-07568	02-May-2007	103410	19-Jun-2008
CANOPY	Zambia	248/2003	09-May-2003	248/2003	09-May-2003
CANOPY (and Design)	Nicaragua	2003-01532	21-May-2003	59895 LM	21-Jan-2004
CANOPY and Design	Argentina	2427218	29-Apr-2003	1989276	27-Aug-2004
CANOPY and Design	Australia	1054398	09-May-2005	1054398	09-May-2005
CANOPY and Design	Brazil	827387601	10-May-2005	827387601	14-Apr-2009
CANOPY and Design	Canada	1128211	15-Jan-2002	TMA622115	07-Oct-2004
CANOPY and Design	Chile	605.500	24-Apr-2003	676.826	24-Oct-2003

Trade Mark	Country	Application Number	Application Date	Registration Number	Registration Date
CANOPY and Design	China	3223545	26-Jun-2002	3223545	14-Aug-03
CANOPY and Design	Colombia	03035203	28-Apr-2003	277874	28-Nov-2003
CANOPY and Design	Community Trade Mark	2540359	18-Jan-2002	2540359	08-Sep-2003
CANOPY and Design	Costa Rica	2003-0002474	29-Apr-2003	141141	18-Sep-2003
CANOPY and Design	Ecuador	133166-03	22-Apr-2003	24732-03	21-Aug-2003
CANOPY and Design	El Salvador	E-36753-2003	25-Apr-2003	113 Book 11	16-Mar-2004
CANOPY and Design	Guatemala	20032804	29-Apr-2003	126271	09-Oct-2003
CANOPY and Design	Honduras	10075/2003	23-Apr-2003	89982	23-Feb-2004
CANOPY and Design	Hong Kong	300033696	17-Jun-2003	300033696	17-Jun-2003
CANOPY and	India	1195002	28-Apr-2003	1195002	28-Apr-2003

Trade Mark	Country	Application Number	Application Date	Registration Number	Registration Date
Design					
CANOPY and Design	Indonesia	D00-2003-9870- 9967	24-Apr-2003	IDM000003152	12-Apr-2004
CANOPY and Design	Kazakstan	23214	22-Apr-2003	16987	08-Oct-2004
CANOPY and Design	Malaysia	2003-04847	25-Apr-2003	03004847	25-Apr-2003
CANOPY and Design	Mexico	767540	22-Feb-2006	1049312	22-Feb-2006
CANOPY and Design	New Zealand	677110	22-Apr-2003	677110	09-Mar-2004
CANOPY and Design	Nigeria	TP73634/03	30-Apr-2003		
CANOPY and Design	Panama	126750	23-Apr-2003	126750	23-Apr-2003
CANOPY and Design	Paraguay	11055-2003	08-May-2003	273787	25-Nov-2004
CANOPY and Design	Philippines	4-2003-07427	14-Aug-2003	4-2003-07427	11-Aug-2005

Trade Mark	Country	Application Number	Application Date	Registration Number	Registration Date
CANOPY and Design	Poland	Z-294898	12-May-2005	R-193090	05-Jun-2007
CANOPY and Design	Russian Federation	2003711273	06-Jun-2003	268934	20-May-2004
CANOPY and Design	Singapore	T0305788A	23-Apr-2003	T0305788A	23-Apr-2003
CANOPY and Design	South Africa	2003/06748	23-Apr-2003	2003/06748	02-Aug-2007
CANOPY and Design	South Korea	40-2003-20263	03-May-2003	40-587045	08-Jul-2004
CANOPY and Design	Taiwan	92019819	24-Apr-2003	1084204	01-Feb-2004
CANOPY and Design	Thailand	517670	09-May-2003	TM195983	04-May-2004
CANOPY and Design	Ukraine	2003054518/T	05-May-2003	51229	15-Jul-2005
CANOPY and Design	United States	76/357633	11-Jan-2002	2913526	21-Dec-2004
CANOPY and Design	Uruguay	347013	24-Apr-2003	347013	01-Mar-2004

Trade Mark	Country	Application Number	Application Date	Registration Number	Registration Date
Design					
CANOPY and Design	Uzbekistan	MGU 2003 0256	25-Apr-2003	MGU 12651	28-Apr-2004
CANOPY and Design	Venezuela	2005-009405	10-May-2005	P-272393	17-Jul-2006
CANOPY and Design	Zambia	254/2003	12-May-2003	254/2003	12-May-2003
ORTHOGON	Great Britain	2318005	07-Dec-2002	2318005	20-Jun-2003
ORTHOGON	United States	76/531655	23-Jul-2003	2991036	06-Sep-2005

SCHEDULE 2

PATENTS

SCHEDULE 2

PATENTS

Title	Country	Application Number	Application Date	Patent Number	Grant Date	Status
One Piece Open and Closable Metal RF Shield	United States	08/417131	31-Mar-1995	US5614694 (A)	25-Mar-1997	Granted
Broadband communications	Great Britain	0015884.0	29-Jun-2000	GB2364205 (B)	18-Sep-2002	Granted
Patch Antenna	Great Britain	0105488.1	06-Mar-2001	GB2373100 (B)	07-May-2003	Granted
Data Dithering Apparatus and Method	United States	10/158341	30-May-2002	US7200184 (B2)	03-Apr-2007	Granted
Dual Payload and Adaptive Modulation	China	200680002439.1	13-Jan-2006	ZL200680002439.1	21-Sep-2011	Granted
Dual Payload and Adaptive Modulation	Great Britain	0712620.4	13-Jan-2006	GB2437196 (B)	03-Jun-2009	Granted
Dual Payload and Adaptive Modulation	Republic of Korea	10-2007-7016104	13-Jan-2006	KR10-0973634 (B1)	27-Jul-2010	Granted
Dual Payload and Adaptive Modulation	United States	11/332827	13-Jan-2006	US7656969 (B2)	02-Feb-2010	Granted
Self-Optimization of Time Division Duplex (TDD) Timing and Adaptive Modulation Thresholds	China	200680025730.0	12-Jul-2006	ZL200680025730.0	06-Apr-2011	Granted
Self-Optimization of Time Division Duplex (TDD) Timing and	Republic of Korea	10-2008-7001024	12-Jul-2006	KR10-1002181 (B1)	13-Dec-2010	Granted

PATENT

REEL: 030234 FRAME: 0633

Adaptive Modulation Thresholds	United States	11/456578	11-Jul-2006	US7751430 (B2)	06-Jul-2010	Granted
Self Optimization of Time Division Duplex (TDD) Timing and Adaptive Modulation Thresholds	United States	11/625857	23-Jan-2007	US7388522 (B2)	17-Jun-2008	Granted
Sequentially Decoded Low Density Parity Coding (LDPC) Forward Error Correction (FEC) in Orthogonal Frequency Division Modulation (OFDM) Systems	United States	12/797700	10-Jun-2010			Application Published
Method for Scheduling Transmissions in Communication Systems	United States	PCT/US2011/035279	05-May-2011			Application Published
Method for Scheduling Transmissions in Communication Systems	Patent Cooperation Treaty	12/967283	14-Dec-2010			Application Published
Supporting Communication Devices with Different Technologies within the same Communication Channel	United States	13/034934	25-Feb-2011			Application Published
Bias Voltage Circuit for Biasing a Transient	United States					

Suppression Device and Apparatus Using Same						
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SCHEDULE 3

DESIGNS

SCHEDULE 3

DESIGNS

Title	Country	Type	Application Number	Application Date	Grant Number	Grant Date	Status
Hinged Antenna Mount	Great Britain	Registered Design	2098886	18-Jan-2001	2098886	15-Feb-2001	Registered
Hinged Antenna Mount	France	Registered Design	013286	05-Jun-2001	013286	05-Jun-2001	Registered
Housing for a Communication Device	United States	Design Patent	29/161713	03-Jun-2002	D480389	07-Oct-2003	Granted