

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM517978

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Release (Reel 5633 / Frame 0122)		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
JPMorgan Chase Bank, N.A.		04/04/2019	Bank: UNITED STATES
RECEIVING PARTY DATA			
Name:	ADC Telecommunications, Inc.		
Street Address:	13625 Technology Drive		
City:	Eden Prairie		
State/Country:	MINNESOTA		
Postal Code:	55344-2252		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 14			
Property Type	Number	Word Mark	
Registration Number:	2589292	CAMPUS - RS	
Registration Number:	1974062	CAMPUS-FLEX	
Registration Number:	2267540	CAMPUS-REX	
Registration Number:	2267541	CAMPUS-STAR	
Registration Number:	2078748	HIGAIN	
Registration Number:	3288674	LOOPSHIELD	
Registration Number:	2944848	LOOPSTAR	
Registration Number:	3160468	LS	
Registration Number:	2209409	MEGABIT MODEM	
Registration Number:	2190315	PG-FLEX	
Registration Number:	2216645	PG-PLUS	
Registration Number:	2425692	STARGAZER	
Registration Number:	3279880	WORLDDSL	
Registration Number:	2684939	THINMUX	
CORRESPONDENCE DATA			
Fax Number:	8009144240		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	800-713-0755		

OP \$365.00 2589292

Email: Michael.Violet@wolterskluwer.com
Correspondent Name: CT Corporation
Address Line 1: 4400 Easton Commons Way
Address Line 2: Suite 125
Address Line 4: Columbus, OHIO 43219

NAME OF SUBMITTER:	Doris Ka
SIGNATURE:	/Doris Ka/
DATE SIGNED:	04/08/2019

Total Attachments: 27

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RECORDATION FORM COVER SHEET TRADEMARKS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

JPMorgan Chase Bank, N.A.

- Individual(s)
- Partnership
- Corporation- State: _____
- Other Bank
- Association
- Limited Partnership

Citizenship (see guidelines) USA

Additional names of conveying parties attached? Yes No

3. Nature of conveyance/Execution Date(s) :

Execution Date(s) April 4, 2019

- Assignment
- Security Agreement
- Other Release (Reel 5633 / Frame 0122)
- Merger
- Change of Name

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached? Yes No

Name: ADC Telecommunications, Inc.

Street Address: 13625 Technology Drive

City: Eden Prairie

State: MN

Country: USA Zip: 55344-2252

- Individual(s) Citizenship _____
- Association Citizenship _____
- Partnership Citizenship _____
- Limited Partnership Citizenship _____
- Corporation Citizenship Delaware, USA
- Other _____

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s) _____ Text _____

B. Trademark Registration No.(s) _____

see attached Schedule I

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: Doris Ka, Sr. Paralegal (IP)

Internal Address: Cahill Gordon & Reindel LLP

Street Address: 80 Pine Street

City: New York

State: NY Zip: 10005

Phone Number: (212) 701-3569

Docket Number: 57320.1455 ABL

Email Address: dka@cahill.com

6. Total number of applications and registrations involved:

14

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ _____

- Authorized to be charged to deposit account
- Enclosed

8. Payment Information:

Deposit Account Number _____

Authorized User Name _____

9. Signature:



Signature

April 5, 2019

Date

Doris Ka

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

27

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Branch, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

RELEASE OF SECURITY INTEREST IN TRADEMARKS

This RELEASE OF SECURITY INTEREST IN TRADEMARKS (this “Release”), dated as of April 4, 2019 (the “Effective Date”), is made by JPMorgan Chase Bank, N.A., in its capacity as Collateral Agent (the “Collateral Agent”), in favor of the grantor parties identified on the signature page hereto (the “Grantors”).

WHEREAS, pursuant to that certain Revolving Credit Facility Pledge and Security Agreement, dated as of January 14, 2011, by and among the Collateral Agent, the Grantors and certain other parties thereto (as amended, amended and restated, or otherwise modified from time to time, the “Security Agreement”), the Grantors granted to the Collateral Agent, in its capacity as Collateral Agent, a security interest in and to certain collateral;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered a Trademark Security Agreement, dated as of January 14, 2011 (the “First Recorded Trademark Security Agreement”), for recordal with the United States Patent and Trademark Office;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered a Trademark Security Agreement, dated as of September 4, 2012 (the “Second Recorded Trademark Security Agreement”), for recordal with the United States Patent and Trademark Office;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered a Trademark Security Agreement, dated as of August 30, 2013 (the “Third Recorded Trademark Security Agreement”), for recordal with the United States Patent and Trademark Office;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered a Trademark Security Agreement, dated as of September 28, 2015 (the “Fourth Recorded Trademark Security Agreement”), for recordal with the United States Patent and Trademark Office;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered a Trademark Security Agreement, dated as of November 10, 2015 (the “Fifth Recorded Trademark Security Agreement”), for recordal with the United States Patent and Trademark Office;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered a Trademark Security Agreement, dated as of December 20, 2015 (the “Sixth Recorded Trademark Security Agreement”), for recordal with the United States Patent and Trademark Office;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered a Trademark Security Agreement, dated as of December 20, 2015 (the “Seventh Recorded Trademark Security Agreement” and, together with the First Recorded Trademark Security Agreement, the Second Recorded Trademark Security Agreement, the Third Recorded Trademark Security Agreement, the Fourth Recorded Trademark Security Agreement, the Fifth Recorded Trademark Security Agreement, the Sixth Recorded Trademark Security Agreement, the “Trademark Security Agreements”), for recordal with the United States Patent and Trademark Office;

WHEREAS, the First Recorded Trademark Security Agreement was recorded with the United States Patent and Trademark Office on February 4, 2011 at Reel/Frame 4498/0602;

WHEREAS, the Second Recorded Trademark Security Agreement was recorded with the United States Patent and Trademark Office on September 12, 2012 at Reel/Frame 4859/0900;

WHEREAS, the Third Recorded Trademark Security Agreement was recorded with the United States Patent and Trademark Office on September 16, 2013 at Reel/Frame 5112/0160;

WHEREAS, the Fourth Recorded Trademark Security Agreement was recorded with the United States Patent and Trademark Office on September 29, 2015 at Reel/Frame 5633/0122;

WHEREAS, the Fifth Recorded Trademark Security Agreement was recorded with the United States Patent and Trademark Office on December 10, 2015 at Reel/Frame 5686/0715;

WHEREAS, the Sixth Recorded Trademark Security Agreement was recorded with the United States Patent and Trademark Office on January 19, 2016 at Reel/Frame 5712/0341;

WHEREAS, the Seventh Recorded Trademark Security Agreement was recorded with the United States Patent and Trademark Office on January 19, 2016 at Reel/Frame 5712/0329;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby agrees as follows:

1. Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Security Agreement or the Trademark Security Agreements, as applicable.

2. Release. The Collateral Agent, without representation or warranty of any kind, hereby releases, discharges, terminates and cancels all of its security interest in and to the Trademark Collateral, including the trademark registrations and applications set forth in Schedule I attached hereto, arising under the Security Agreement and the Trademark Security Agreements. If and to the extent that the Collateral Agent has acquired any right, title or interest in and to the Trademark Collateral under the Trademark Security Agreements, the Collateral Agent, without representation or warranty of any kind, hereby re-transfers, re-conveys and re-assigns such right, title or interest to the Grantors.

3. Termination. The Collateral Agent, without representation or warranty of any kind, terminates and cancels the Trademark Security Agreements.

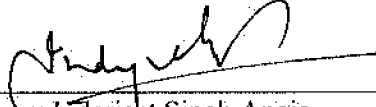
4. Further Assurances. The Collateral Agent agrees to take all further actions, and provide to the Grantors and their respective successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantors, at the Grantors' sole cost and expense, to more fully and effectively effectuate the purposes of this Release.

5. Governing Law. This Release shall be governed exclusively under the laws of New York, without regard to conflicts of law or choice of law principles.

[Signature page to follow]

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

**JPMORGAN CHASE BANK, N.A., acting in its
capacity as Collateral Agent for the Secured
Parties**

By: 
Name: Inderjeet Singh Aneja
Title: Vice President

GRANTORS:

**ALLEN TELECOM LLC
COMMSCOPE, INC. OF NORTH CAROLINA
ANDREW LLC
REDWOOD SYSTEMS, INC.
ADC TELECOMMUNICATIONS, INC.
COMMSCOPE TECHNOLOGIES LLC**

[SIGNATURE PAGE TO TRADEMARK RELEASE]

**TRADEMARK
REEL: 006612 FRAME: 0336**

SCHEDULE I

UNITED STATES TRADEMARK REGISTRATIONS AND TRADEMARK APPLICATIONS

[See attached]

Trademark Security Agreement recorded 2/4/2011 at Reel/Frame 4498/0602

Registrations:

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
1.	CommScope, Inc. of North Carolina	3010196	76/589,236	52
2.	CommScope, Inc. of North Carolina	3010197	76/589,238	82
3.	CommScope, Inc. of North Carolina	3155587	76/602,908	ACT & Design
4.	CommScope, Inc. of North Carolina	3372746	77/219029	AirMaster
5.	Andrew LLC	959,263	72/406,949	Andrew
6.	Andrew LLC	1,861,667	74/401,840	Andrew
7.	Andrew LLC	3894233	77/333,034	Andrew
8.	Andrew LLC	959,262	72/406,948	Andrew & Flash Design
9.	Andrew LLC	403,521	71/460,168	Andrew Inside Lightning Flash Design
10.	Andrew LLC	2,045,923	75/087,397	Andrew Institute
11.	Andrew LLC	3796642	77/581229	ANMS
12.	CommScope, Inc. of North Carolina	2160545	75/292,559	APD
13.	Andrew LLC	1,921,750	74/578,958	Arrestor Plus
14.	CommScope, Inc. of North Carolina	2923835	76/472,002	Auto Mobile Cable
15.	CommScope, Inc. of North Carolina	2455928	75/598,744	BLUE HIGHWAY
16.	CommScope, Inc. of North Carolina	3427518	77/043688	BrightPath
17.	CommScope, Inc. of North Carolina	2472151	75/694,165	BrightWire
18.	CommScope, Inc. of North Carolina	2650014	75/932,183	BROADBAND-SPEED.COM

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
19.	CommScope, Inc. of North Carolina	1530622	73/713,183	Cable Guard
20.	CommScope, Inc. of North Carolina	2099055	75/124,156	CablePak
21.	CommScope, Inc. of North Carolina	2176501	75/279,519	Calc U Loss
22.	Allen Telecom LLC	920,742	72/381,523	Cape
23.	CommScope, Inc. of North Carolina	2100216	75/058,740	Cell Reach
24.	Allen Telecom LLC	1,721,653	74/237,740	CellScope
25.	CommScope, Inc. of North Carolina	2905380	75/513,771	Comm Pak
26.	CommScope, Inc. of North Carolina	0898651	72/353793	Comm/Scope
27.	CommScope, Inc. of North Carolina	2849601	78/191,100	CommAlert
28.	CommScope, Inc. of North Carolina	1865198	74/330,420	CommScope
29.	CommScope, Inc. of North Carolina	3008397	76/608524	CommScope Advantage Inventory Management
30.	CommScope, Inc. of North Carolina	3124082	76/603,184	CommScope BiMetals
31.	CommScope, Inc. of North Carolina	3418814	76/566,562	CommScope Solutions
32.	CommScope, Inc of North Carolina	2678856	76/224,515	CommScope Wireless
33.	Allen Telecom LLC	2,146,202	75/244,925	Cornsearch
34.	CommScope, Inc. of North Carolina	3299977	78/882086	Connected by CommScope
35.	Andrew LLC	3,412,350	77/095,767	ConnectOptimize Grow

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
36.	CommScope, Inc. of North Carolina	2223132	75/208,107	ConQuest
37.	CommScope, Inc. of North Carolina	1447287	73/630,477	Cosmic
38.	CommScope, Inc. of North Carolina	2713260	76/415,770	CR
39.	CommScope, Inc. of North Carolina	1,684,815	74/049,803	CSL LIGHTSPLICE
40.	Andrew LLC	2,986,138	78/209,002	Datanex
41.	CommScope, Inc. of North Carolina	3333965	77/111114	Datapipe
42.	Andrew LLC	3,240,335	78/332,200	Daccess
43.	Allen Telecom LLC	1,805,865	74/302,556	Decibel
44.	CommScope, Inc. of North Carolina	3510148	78/948378	DESIGN LOGO
45.	CommScope, Inc. of North Carolina	2263526	75/292,556	Design Logo
46.	CommScope, Inc. of North Carolina	2767402	76/209,706	DIGITAL BROADBAND & Design
47.	Andrew LLC	1,676,346	74/056,198	DryLine (Stylized)
48.	Andrew LLC	2,252,089	75/300,187	DualPol
49.	Andrew LLC	1,597,208	73/826,102	EASIAX
50.	Andrew LLC	2,442,988	75/386,462	EASIAX Plus
51.	CommScope, Inc. of North Carolina	2929129	76/164,359	ECOMMSCOPE
52.	Andrew LLC	3,056,123	78/209,069	Ekolink
53.	Andrew LLC	3,096,299	78/209,088	Ekollnk II
54.	Andrew LLC	2,944,913	78/209,046	Ekollnk Plus
55.	Andrew LLC	2,953,243	78/209,061	Ekolite
56.	Andrew LLC	2,946,680	78/209,054	Ekolite II
57.	Andrew LLC	2,957,891	78/157,781	EOCell

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
58.	CommScope, Inc. of North Carolina	1849070	74/316,887	Exchangemax
59.	Andrew LLC	3,366,991	78/842,389	Ex-Press
60.	CommScope, Inc. of North Carolina	2522409	76/224,025	EZ-Clip
61.	CommScope, Inc of North Carolina	3502353	77/128209	EZfit
62.	CommScope, Inc. of North Carolina	3441878	77/163077	EZ-LC Connector
63.	CommScope, Inc. of North Carolina	3441881	77/163109	EZ-SC Connector
64.	CommScope, Inc. of North Carolina	3441879	77/163089	EZ-ST Connector
65.	CommScope, Inc. of North Carolina	3817963	77/884045	FastFiber
66.	CommScope, Inc. of North Carolina	1820873	74/279,521	FiberFeeder
67.	Allen Telecom LLC	2,526,982	76/064,690	Forem
68.	CommScope, Inc. of North Carolina	2885945	76/526,363	FXL
69.	Andrew LLC	3782699	77/763026	GeoLENs
70.	Allen Telecom LLC	2,388,051	75/186,362	Geometrix
71.	CommScope, Inc. of North Carolina	2,185,062	75/256,346	GigaSPEED
72.	CommScope, Inc. of North Carolina	3372123	77/179856	GigaSPEED X10D
73.	CommScope, Inc. of North Carolina	3372121	77/179814	GigaSPEED XL
74.	CommScope, Inc. of North Carolina	3534816	77/194052	GigaSPEED XPRESS
75.	CommScope, Inc. of North Carolina	2774200	76/186,081	Gold Metallic Cable (Brightwire Design)
76.	Andrew LLC	827,502	72/236,212	HELIAX

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
77.	CommScope, Inc. of North Carolina	2511674	75/869,161	House Logo Mark
78.	CommScope, Inc. of North Carolina	2226785	75/337,960	How Intelligence Travels
79.	CommScope, Inc. of North Carolina	2959996	76/034691	IMSERV
80.	CommScope, Inc. of North Carolina	3101185	76/554,045	InAccess
81.	Allen Telecom LLC	2,681,999	76/205,780	Innovative Excellence
82.	CommScope, Inc. of North Carolina	3,056,241	78/304,663	InstaPATCH
83.	Allen Telecom LLC	2,723,057	76/096,697	Interpreter
84.	CommScope, Inc. of North Carolina	2,586,648	78/020,592	iPatch
85.	Allen Telecom LLC	2,116,791	75/054,862	IQ.clear
86.	Andrew LLC	3,433,079	78/841,778	IQ.clear XG
87.	Allen Telecom LLC	2,137,775	75/054,863	iQ.link
88.	CommScope, Inc. of North Carolina	2594742	75/676,026	Isolite
89.	CommScope, Inc. of North Carolina	2650071	76/001,905	LaserCore
90.	CommScope, Inc. of North Carolina	2,377,944	75/408,017	LazrSPEED
91.	Andrew LLC	403,520	71/460,167	Lightning Flash Design
92.	Andrew LLC	1,861,668	74/401,841	Lightning Flash Design
93.	CommScope, Inc. of North Carolina	2897705	76/402,076	LightScope
94.	CommScope, Inc. of North Carolina	2994021	76/603,183	LightScope NZD

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
95.	CommScope, Inc. of North Carolina	2851674	76/458,824	LITE 350
96.	CommScope, Inc. of North Carolina	3735641	77/334132	MC2
97.	CommScope, Inc. of North Carolina	2,533,210	75/454,326	MC2 (stylized)
98.	Allen Telecom LLC	2,940,348	76/203,430	Measurement Solutions for the Next Generation
99.	CommScope, Inc. of North Carolina	2692643	76/363,370	Media 6
100.	Andrew LLC	2,096,741	75/068,964	Microceptor
101.	CommScope, Inc. of North Carolina	2160544	75/292,558	Migraheal
102.	CommScope, Inc. of North Carolina	2177943	75/219,425	MultiReach
103.	Andrew LLC	3459347	78/573,921	OneBase
104.	Andrew LLC	3818259	77/893787	OneBase InSite
105.	Andrew LLC	3013398	78/486531	One Company. A World Of Solutions
106.	CommScope, Inc. of North Carolina	2,663,495	75/369,497	OptiSPEED
107.	CommScope, Inc. of North Carolina	2270709	75/512,695	P3
108.	Allen Telecom LLC	1,756,266	74/237,741	PageTracker
109.	CommScope, Inc. of North Carolina	1806672	74/103,743	Parameter III
110.	CommScope, Inc. of North Carolina	2,051,177	74/562,815	PATCHMAX
111.	CommScope, Inc. of North Carolina	1727126	74/097,184	P-III
112.	CommScope, Inc. of North Carolina	2522477	76/241,056	Plenumax

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
113.	CommScope, Inc. of North Carolina	2217964	75/136,043	Power Feeder
114.	CommScope, Inc. of North Carolina	2502643	75/723,462	Powerhouse
115.	CommScope, Inc. of North Carolina	3467683	77/351,350	Powerhouse
116.	CommScope, Inc. of North Carolina	3395619	77/143626	Prolite
117.	CommScope, Inc. of North Carolina	2938665	76/517,340	PullMaster
118.	CommScope, Inc. of North Carolina	1442791	73/396747	QR
119.	CommScope, Inc. of North Carolina	1284110	73/394,371	Quantum Reach
120.	Andrew LLC	3,201,097	78/755,399	Quik-Tee
121.	CommScope, Inc. of North Carolina	3441880	77/163099	Qwik-LC Connector
122.	CommScope, Inc. of North Carolina	3441882	77/163128	Qwik-SC Connector
123.	CommScope, Inc. of North Carolina	3441884	77/163137	Qwik-ST Connector
124.	Andrew LLC	1,080,222	73/018,667	RADIAX
125.	CommScope, Inc. of North Carolina	3790697	77/415042	ReadyPATCH
126.	CommScope, Inc. of North Carolina	2,132,393	75/226,829	REEL TOTE
127.	CommScope, Inc. of North Carolina	2347613	75/449,992	ReelSmart
128.	CommScope, Inc. of North Carolina	2084262	74/523344	ROC
129.	Andrew LLC	2,453,219	76/057,265	ScoreBoard Logo
130.	Andrew LLC	2,475,264	75/879,980	ScoreBoard Peak Performance for the Wireless Industry
131.	Andrew LLC	3200411	78/525,787	SelectaCell

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
132.	Allen Telecom LLC	1,764,286	74/302,555	Sentry 8000
133.	Andrew LLC	1,300,388	73/4,50,342	SHX
134.	CommScope, Inc. of North Carolina	3422443	77/261964	Signal Vision
135.	Andrew LLC	3,370,187	78/479,303	SmartBeam
136.	Andrew LLC	3701189	77/687,305	SnapStak
137.	CommScope, Inc. of North Carolina	1703013	74/205,268	SpanMaster
138.	Andrew LLC	3691912	77/687,357	SureGround
139.	Andrew LLC	1,714,623	74/120,047	Sur-Lok
140.	CommScope, Inc. of North Carolina	1,605,354	73/819,444	SYSTIMAX
141.	CommScope, Inc. of North Carolina	1644744	74/001,018	SYSTIMAX
142.	CommScope, Inc. of North Carolina	3477083	76/603,374	SYSTIMAX AirSPEED
143.	Andrew LLC	1,301,390	73/450,343	TEGLAR
144.	Andrew LLC	2,336,952	75/050,695	Teletilt
145.	CommScope, Inc. of North Carolina	2945805	78/201,890	TeraSPEED
146.	CommScope, Inc. of North Carolina	2435047	75/903,601	The C in HFC
147.	CommScope, inc of North Carolina	1764272	74/299113	THE CABLE IN CABLE TV
148.	Andrew LLC	1300387	73/450,341	UGX
149.	Andrew LLC	1,599,432	73/836,894	UHP
150.	Andrew LLC	1,027,817	73/033,496	UHX
151.	Andrew LLC	1,301,392	73/450,871	UHX II
152.	CommScope, Inc. of North Carolina	3740787	77/527193	Ultra 10
153.	CommScope, Inc. of North Carolina	2353678	75/737,031	ULTRA II

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
154.	CommScope, Inc. of North Carolina	2188872	75/226,664	UltraHome
155.	CommScope, Inc. of North Carolina	3323526	77/111093	UltraMedia
156.	CommScope, Inc. of North Carolina	2552137	76/132,307	UltraPipe
157.	Andrew LLC	1,300,390	73/450,883	UMX
158.	CommScope, Inc. of North Carolina	3024567	78/370,565	Uniprise
159.	CommScope, Inc. of North Carolina	3163109	76/589,237	Uniprise Solutions
160.	Andrew LLC	3860385	77/950389	ValuLine
161.	Andrew LLC	1,858,127	74/340,489	ValuLine & Design
162.	Andrew LLC	3842711	77/751915	ValuSite
163.	Allen Telecom LLC	920,943	72/362,668	Vapor-Bloc
164.	Allen Telecom LLC	2,137,074	75/231,605	Vapor-Wrap
165.	Allen Telecom LLC	1,876,437	74/474,826	VARI-TILT
166.	CommScope, Inc. of North Carolina	2634837	76/314,868	VEXTRA
167.	CommScope, Inc. of North Carolina	2,507,683	75/721,302	VisiPatch
168.	CommScope, Inc. of North Carolina	3366457	77/051145	VisiPatch 360
169.	CommScope, Inc. of North Carolina	2736452	76/447,535	VMAX
170.	CommScope, Inc. of North Carolina	2605912	78/004,761	WBC
171.	CommScope, Inc. of North Carolina	1,418,255	73/597130	WE TOTE
172.	Andrew LLC	3685942	77/687,348	WeatherShield

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
173.	CommScope, Inc. of North Carolina	2841158	76/433,408	WebTrak
174.	CommScope, Inc. of North Carolina	2629321	76/258,875	WHUPP
175.	CommScope, Inc. of North Carolina	3541568	77/375238	XpressPrep
176.	CommScope, Inc. of North Carolina	3815591	77/746153	XpressTite

Applications:

	OWNER	APPLICATION NUMBER	TRADEMARK
1.	Andrew LLC	85/197594	AMC
2.	Andrew LLC	77/602197	Andrew Solutions
3.	CommScope, Inc. of North Carolina	85/126160	Brightwire XP
4.	Andrew LLC	85/016910	CNT
5.	CommScope, Inc. of North Carolina	77/737736	CommScope
6.	CommScope, Inc. of North Carolina	77/806633	CommScope Connects
7.	CommScope, Inc. of North Carolina	85/040239	Connect and Evolve
8.	Andrew LLC	85/017066	EZLOCK
9.	CommScope, Inc. of North Carolina	85/014501	GroundSmart
10.	Andrew LLC	85/084454	Insite Connect
11.	Andrew LLC	85/197662	INTERMOD SQUAD
12.	Andrew LLC	78/710,076	Ion
13.	Andrew LLC	77/324463	One Company. A World of Solutions
14.	CommScope, Inc. of North Carolina	77/931165	Remote Fiber Feeder

	OWNER	APPLICATION NUMBER	TRADEMARK
15.	Andrew LLC	77/770024	RET Master
16.	CommScope, Inc. of North Carolina	85/201845	SYSTIMAX
17.	CommScope, Inc. of North Carolina	78/948239	SYSTIMAX 360
18.	CommScope, Inc. of North Carolina	77/007398	SYSTIMAX Solutions
19.	Andrew LLC	85/008342	U-DAS
20.	Andrew LLC	77/878474	Valuline Vision
21.	CommScope, Inc. of North Carolina	85/016852	Wired for Wireless
22.	Andrew LLC	77/746174	XPRESSCONNECT

Trademark Security Agreement recorded 9/12/2012 at Reel/Frame 4859/0900

Registrations:

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
1.	CommScope, Inc. of North Carolina	3,969,647	85/126,160	BRIGHTWIRE XP
2.	Andrew LLC	3,924,994	85/016,910	CNT
3.	CommScope, Inc. of North Carolina	4,019,982	77/806,633	COMMSCOPE CONNECTS
4.	CommScope, Inc. of North Carolina	4,064,122	85/014,501	GROUNDSMART
5.	Andrew LLC	4,061,465	85/197,662	INTERMOD SQUAD
6.	CommScope, Inc. of North Carolina	4,082,391	85/201,845	SYSTEMAX
7.	CommScope, Inc. of North Carolina	3,983,006	77/007,398	SYSTEMAX SOLUTIONS
8.	CommScope, Inc. of North Carolina	3,971,751	85/016,852	WIRED FOR WIRELESS

Applications:

	OWNER	APPLICATION NUMBER	TRADEMARK
1.	Andrew LLC	77/884471	ARGUS
2.	CommScope, Inc. of North Carolina	85/305957	CHAMELEON
3.	CommScope, Inc. of North Carolina	85/367819	COMMSISTENCY
4.	Andrew LLC	85/341885	EXTREMELINE
5.	Andrew LLC	85/341874	FLASHLINE
6.	CommScope, Inc. of North Carolina	85/222869	GLOBAL DESIGN LOGO
7.	CommScope, Inc. of North Carolina	85/404930	IMVISION
8.	Andrew LLC	85/368731	I-POI
9.	Andrew LLC	85/340285	ULINE
10.	Andrew LLC	85/578,006	ValuDAS
11.	CommScope, Inc. of North Carolina	85/574,128	CTrak
12.	Andrew LLC	85/457845	P-POI

Trademark Security Agreement recorded 9/16/2013 at Reel/Frame 5112/0160

TRADEMARKS:

<u>Mark Name</u>	<u>Country Code</u>	<u>Matter No.</u>	<u>App No.</u>	<u>Reg No.</u>	<u>Filing Date</u>	<u>Registration Date</u>
REDWOOD SYSTEMS	US	13912/006	77850,308	3,861,946	10/06/09	10/12/10
	CTM – European Union	13912/017	009360991	009360991	09/08/10	02/21/11
	CN	13912/019	8666365	8666365	09/14/10	4/28/2012
	CA	13912/049	1,550,964		11/07/11	
	CN	13912/052	ZC10176087SL		11/11/11	
	HK	13912/053	302084157	302084157	11/14/11	11/14/11
	AU	13912/061	1475233		02/17/12	
	SG	13912/063	T1201936I		02/16/12	
REDWOOD READY	US*	13912/057	85/539,511		02/10/12	
	CTM – European Union	13912/059	010638674	010638674	02/13/12	06/22/12
	CA*	13912/060	1,564,254		02/15/12	
	AU	13912/065	1475242	1475242	02/17/12	02/17/12
	SG	13912/066	T1201938E	T1201938E	02/16/12	10/02/12
	HK	13912/067	302163014	302163014	02/16/12	02/16/12
	REDWOOD READY + STARBURST DESIGN	US*	13912/058	85/546,018		02/17/12
STARBURST DESIGN	US	13912/015	85/092,968	3,934,509	07/26/10	03/22/11
	AU	13912/062	1475240		02/17/12	1/17/2013
	SG	13912/064	T1201939C		02/16/12	
CAN YOUR LIGHTING DO THIS?	US	13912/048	85/400,525		08/17/11	
	REDWOOD	US	NA	86/046357		08/23/2013

Trademark Security Agreement recorded 09/29/2015 at Reel/Frame 5633/0122

Trademark	App. No.	App. Date	Reg. No.	Reg. Date	Owner
CAMPUS – RS	75921749	2/17/2000	2589292	7/2/2002	ADC DSL Systems, Inc.
CAMPUS-FLEX	74485698	2/2/1994	1974062	5/14/1996	ADC DSL Systems, Inc.
CAMPUS-REX	75204981	11/27/1996	2267540	8/3/1999	ADC DSL Systems, Inc.
CAMPUS-STAR	75204986	11/27/1996	2267541	8/3/1999	ADC DSL Systems, Inc.
HIGAIN	75059135	2/16/1996	2078748	7/15/1997	ADC DSL Systems, Inc.
LOOPSHIELD	78548553	1/17/2005	3288674	9/4/2007	ADC DSL Systems, Inc.
LOOPSTAR	78184424	11/13/2002	2944848	4/26/2005	ADC DSL Systems, Inc.
LS (Stylized) (Loopshield Logo)	78548551	1/17/2005	3160468	10/17/2006	ADC DSL Systems, Inc.
MEGABIT MODEM	75055507	2/9/1996	2209409	12/8/1998	ADC DSL Systems, Inc.
PG-FLEX	75204455	11/23/1996	2190315	9/22/1998	ADC DSL Systems, Inc.
PG-PLUS	75161483	9/5/1996	2216645	1/5/1999	ADC DSL Systems, Inc.
STARGAZER	75635799	2/5/1999	2425692	1/30/2001	ADC DSL Systems, Inc.
WORLDDSL	78940175	7/28/2006	3279880	8/14/2007	ADC DSL Systems, Inc.
THINMUX	76352923	12/21/2001	2684939	2/4/2003	ADC DSL Systems, Inc.

Trademark Security Agreement recorded 12/10/2015 at Reel/Frame 5686/0715

<u>Trademark</u>	<u>Country</u>	<u>Registration No./ (Application No.)</u>	<u>Registration Date/ (Filing Date)</u>
AIRVANA	United States	2598859	07/23/02
AIRVISTA	United States	2675597	01/14/03
ONECELL	United States	4796318	08/18/15

Trademark Security Agreement recorded 01/19/2016 at Reel/Frame 5712/0341

UNITED STATES TRADEMARKS

Registrations:

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
1.	CommScope Technologies LLC	1,021,919	73/001,828	ADC
2.	CommScope Technologies LLC	2,608,396	75/573,620	ADC
3.	CommScope Technologies LLC	2,572,495	75/573,766	ADC
4.	CommScope Technologies LLC	1,397,449	73/527,543	ADC & DESIGN
5.	CommScope Technologies LLC	2,039,288	74/542,524	ADC FASTERM
6.	CommScope Technologies LLC	1941052	74/615763	AIR FOOSC
7.	CommScope Technologies LLC	2,791,398	78/201,673	AIRES
8.	CommScope Technologies LLC	3060798	76977895	AMP NETCONNECT & OVAL DESIGN
9.	CommScope Technologies LLC	3392228	76/000973	AMP NETCONNECT & OVAL DESIGN
10.	CommScope Technologies LLC	3096306	78/229945	AMP NETCONNECT HOME NET-WORKS
11.	CommScope Technologies LLC	821029	72/241015	AMP-FIT
12.	CommScope Technologies LLC	2197854	75/336151	AMPINNERGY
13.	CommScope Technologies LLC	2,674,928	76/391,419	BAY TRACER
14.	CommScope Technologies LLC	4386723	85683067	C5C
15.	CommScope Technologies LLC	803638	72/179682	CABLE MAKER
16.	CommScope Technologies LLC	0761882	72/168557	CERTI-SEAL

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
17.	CommScope Technologies LLC	2027401	74/480693	CERTI-SEAL
18.	CommScope Technologies LLC	2,633,035	76/210,367	CLEARGAIN
19.	CommScope Technologies LLC	1640275	73/802998	COMPROTECT
20.	CommScope Technologies LLC	1875109	74/438772	CORELINK
21.	CommScope Technologies LLC	3292104	78825131	CST
22.	CommScope Technologies LLC	2178392	75/316,700	DATAGUARD
23.	CommScope Technologies LLC	1074041	73/101150	DEKDUCT
24.	CommScope Technologies LLC	1075961	73/101151	DEKLIP
25.	CommScope Technologies LLC	3,901,009	77/435,896	DLX
26.	CommScope Technologies LLC	2,955,257	76/269,242	DSXi
27.	CommScope Technologies LLC	1619537	73/813306	DTERMINATOR
28.	CommScope Technologies LLC	1793196	74/295683	DTERMINATOR 2
29.	CommScope Technologies LLC	2,955,236	76/160,562	ENCASER
30.	CommScope Technologies LLC	3,807,417	77/049,589	ENGINEERED FOR UPTIME
31.	CommScope Technologies LLC	2950291	78/317506	ETHERSEAL
32.	CommScope Technologies LLC	4298759	85/314,262	EXPRESS EXIT
33.	CommScope Technologies LLC	1,612,750	73/816,057	FIBERGUIDE
34.	CommScope Technologies LLC	2349926	75/693128	FIBRBOSS

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
35.	CommScope Technologies LLC	2854242	76/193,765	FLEXDSX
36.	CommScope Technologies LLC	1104227	73/089207	FLEXI-BLOCK
37.	CommScope Technologies LLC	1453011	73/624808	FLEX-MODE
38.	CommScope Technologies LLC	3,616,852	77/295,504	FLEXWAVE
39.	CommScope Technologies LLC	2,098,805	75/071,903	FONS
40.	CommScope Technologies LLC	1488255	73/681078	FOSC 100
41.	CommScope Technologies LLC	2103090	75/150175	FOSC 400
42.	CommScope Technologies LLC	1866253	74/340111	GELGUARD
43.	CommScope Technologies LLC	2525022	76/239360	GHFC
44.	CommScope Technologies LLC	2624480	76/296797	GS3
45.	CommScope Technologies LLC	2329066	75/651000	GSSP
46.	CommScope Technologies LLC	2155576	75/146846	HIDEAWAY
47.	CommScope Technologies LLC	2031151	74/697485	HIDEOUT
48.	CommScope Technologies LLC	2137593	74/554507	HIGHBAND
49.	CommScope Technologies LLC	2,934,663	78/039,039	INTERREACH
50.	CommScope Technologies LLC	3,923,948	77/858,597	INTERREACH EXPRESS
51.	CommScope Technologies LLC	3,074,737	78/508,303	INTERREACH FUSION
52.	CommScope Technologies LLC	3,112,097	78/679,830	INTERREACH UNISON

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
53.	CommScope Technologies LLC	2651706	76/321751	JACKMOON
54.	CommScope Technologies LLC	2014813	74/619280	KRONE
55.	CommScope Technologies LLC	1879609	74/484007	LIGHTCRIMP
56.	CommScope Technologies LLC	1450498	73/631283	LSA-PLUS
57.	CommScope Technologies LLC	2,358,130	75/377,658	LX.5
58.	CommScope Technologies LLC	2,579,587	75/870,237	METROREACH
59.	CommScope Technologies LLC	3842141	77/517687	MPOPTIMATE
60.	CommScope Technologies LLC	2851254	76220595	MT-RJ SECURE
61.	CommScope Technologies LLC	1615223	73/788090	NETCONNECT
62.	CommScope Technologies LLC	1894333	74/453453	NETCONNECT
63.	CommScope Technologies LLC	1893971	74/453454	NETCONNECT
64.	CommScope Technologies LLC	3,883,185	77/035,390	NEW NETWORKS: NEW WAYS
65.	CommScope Technologies LLC	2,993,103	78/229,529	NG3
66.	CommScope Technologies LLC	4610287	85/704309	NG4access
67.	CommScope Technologies LLC	2,271,862	75/463,537	NORTHERN LIGHTS CABLE, INC.
68.	CommScope Technologies LLC	1,606,215	73/814,202	OCTAPAK
69.	CommScope Technologies LLC	3345045	78/391,522	OMNIREACH
70.	CommScope Technologies LLC	3,787,825	77/295,506	OMX
71.	CommScope Technologies LLC	2821428	75/749,083	OMX600

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
72.	CommScope Technologies LLC	3,028,945	78/535,384	OPTENET
73.	CommScope Technologies LLC	1469785	73/620071	PEDCAP
74.	CommScope Technologies LLC	0832129	72/242873	PICABOND
75.	CommScope Technologies LLC	2683157	76/376,448	POWERWORX
76.	CommScope Technologies LLC	2,395,753	75/835,701	POWERWORX & DESIGN
77.	CommScope Technologies LLC	2869874	75/767,494	PRO PATCH
78.	CommScope Technologies LLC	3221324	78/546,396	ProAx
79.	CommScope Technologies LLC	4139752	85/101,945	QUAREO
80.	CommScope Technologies LLC	4139774	85/109,606	QUAREO Logo (Stylized Q)
81.	CommScope Technologies LLC	2,296,455	75/268,203	RADIATOR
82.	CommScope Technologies LLC	3,894,279	77/437,287	REALFLEX
83.	CommScope Technologies LLC	2133246	75/101318	RIBBONMASTER
84.	CommScope Technologies LLC	3,803,597	77/295,523	RISERGUIDE
85.	CommScope Technologies LLC	2,379,921	75/467,260	SINGLE SHOT
86.	CommScope Technologies LLC	2360043	75/742500	TCS2
87.	CommScope Technologies LLC	1359209	73518981	TERMSEAL
88.	CommScope Technologies LLC	1437317	73591687	TRAC
89.	CommScope Technologies LLC	2348496	75/693127	TRACE

	OWNER	REGISTRATION NUMBER	APPLICATION NUMBER	TRADEMARK
90.	CommScope Technologies LLC	2,628,761	75/867,929	TRACERLIGHT
91.	CommScope Technologies LLC	2,546,021	75/981,105	TRUENET
92.	CommScope Technologies LLC	1833148	74/211,960	UNIPATCH
93.	CommScope Technologies LLC	2,962,367	78/360,086	UNISON ACCEL
94.	CommScope Technologies LLC	2,989,946	76/376,449	WIDEVAM
95.	CommScope Technologies LLC	1659753	74/112189	WRSS
96.	CommScope Technologies LLC	1173989	73/260652	XAGA
97.	CommScope Technologies LLC	1878534	74/488870	XAGA FOSC
98.	CommScope, Inc. of North Carolina	4781516	86/470260	QWIK II

UNITED STATES TRADEMARKS

Applications:

	OWNER	APPLICATION NUMBER	TRADEMARK
1.	CommScope Technologies LLC	86/312828	AMP NETCONNECT
2.	CommScope Technologies LLC	79/160,608	QUAREO
3.	CommScope Technologies LLC	85/473147	RAPID FIBER
4.	CommScope Technologies LLC	85/376,506	RAPIDREEL

Trademark Security Agreement recorded 01/19/2016 at Reel/Frame 5712/0329

<u>OWNER</u>	<u>TRADEMARK</u>	<u>REGISTRATION NUMBER</u>	<u>APPLICATION NUMBER</u>
CommScope, Inc. of North Carolina	QWIK II	4781516	86/470260