

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM518547

|                              |                    |
|------------------------------|--------------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT     |
| <b>NATURE OF CONVEYANCE:</b> | Security Agreement |

## CONVEYING PARTY DATA

| Name                              | Formerly | Execution Date | Entity Type                         |
|-----------------------------------|----------|----------------|-------------------------------------|
| CommScope Technologies LLC        |          | 04/04/2019     | Limited Liability Company: DELAWARE |
| Commscope, Inc. of North Carolina |          | 04/04/2019     | Corporation: NORTH CAROLINA         |
| Ruckus Wireless, Inc.             |          | 04/04/2019     | Corporation: DELAWARE               |
| ARRIS Enterprises LLC             |          | 04/04/2019     | Limited Liability Company: DELAWARE |
| ARRIS Technology, Inc.            |          | 04/04/2019     | Corporation: DELAWARE               |
| Commscope, Inc.                   |          | 04/04/2019     | Corporation: DELAWARE               |

## RECEIVING PARTY DATA

|                        |   |
|------------------------|---|
| <b>Name:</b>           | Wilmington Trust, National Association, as Collateral Agent |
| <b>Street Address:</b> | 246 Goose Lane, Suite 105                                   |
| <b>City:</b>           | Guilford  |
| <b>State/Country:</b>  | CONNECTICUT   |
| <b>Postal Code:</b>    | 06437   |
| <b>Entity Type:</b>    | Bank: UNITED STATES   |

## PROPERTY NUMBERS Total: 267

| Property Type        | Number  | Word Mark      |
|----------------------|---------|----------------|
| Registration Number: | 4506402 | ACCURET        |
| Registration Number: | 5161230 | ACT            |
| Registration Number: | 1021919 | ADC            |
| Registration Number: | 2572495 | ADC            |
| Registration Number: | 2608396 | ADC            |
| Registration Number: | 1941052 | AIR FOSC       |
| Registration Number: | 2791398 | AIRES          |
| Registration Number: | 2598859 | AIRVANA        |
| Registration Number: | 2675597 | AIRVISTA       |
| Registration Number: | 4177785 | AMC            |
| Registration Number: | 4911879 | AMP NETCONNECT |
| Registration Number: | 3060798 | AMP NETCONNECT |

OP \$6690.00 4506402

| Property Type        | Number  | Word Mark                                |
|----------------------|---------|--|
| Registration Number: | 3096306 | AMP NETCONNECT HOME NET-WORKS            |
| Registration Number: | 2197854 | AMPINNERGY                               |
| Registration Number: | 3894233 | ANDREW                                   |
| Registration Number: | 0959263 | ANDREW                                   |
| Registration Number: | 0403521 | ANDREW                                   |
| Registration Number: | 4854347 | ANDREW                                   |
| Registration Number: | 0959262 | ANDREW                                   |
| Registration Number: | 4272486 | ANDREW SOLUTIONS                         |
| Registration Number: | 4270192 | ARGUS                                    |
| Registration Number: | 2674928 | BAY TRACER                               |
| Registration Number: | 4435226 | BOS                                      |
| Registration Number: | 2472151 | BRIGHTWIRE                               |
| Registration Number: | 3969647 | BRIGHTWIRE XP                            |
| Registration Number: | 4386723 | C5C                                      |
| Registration Number: | 5507068 | CABLE EXCHANGE                           |
| Registration Number: | 1530622 | CABLE GUARD                              |
| Registration Number: | 2099055 | CABLEPAK                                 |
| Registration Number: | 4520878 | CCATALOG                                 |
| Registration Number: | 0761882 | CERTI-SEAL                               |
| Registration Number: | 2633035 | CLEARGAIN                                |
| Registration Number: | 3924994 | CNT                                      |
| Registration Number: | 0898651 | COMM/SCOPE                               |
| Registration Number: | 2849601 | COMMALERT                                |
| Registration Number: | 2905380 | COMMPAK                                  |
| Registration Number: | 1865198 | COMMSCOPE                                |
| Registration Number: | 4194933 | COMMSCOPE                                |
| Registration Number: | 5444784 | COMMSCOPE                                |
| Registration Number: | 3008397 | COMMSCOPE ADVANTAGE INVENTORY MANAGEMENT |
| Registration Number: | 4463018 | COMMSCOPE                                |
| Registration Number: | 5523282 | COMMSCOPE                                |
| Registration Number: | 5717236 | COMMSCOPE ERA                            |
| Registration Number: | 1640275 | COMPROTECT                               |
| Registration Number: | 2223132 | CONQUEST                                 |
| Registration Number: | 1875109 | CORELINK                                 |
| Registration Number: | 4520879 | CSOLUTIONS                               |
| Registration Number: | 3292104 | CST                                      |
| Registration Number: | 4373306 | CTRAK                                    |
| Registration Number: | 3333965 | DATAPIPE                                 |

| Property Type        | Number  | Word Mark        |
|----------------------|---------|------------------|
| Registration Number: | 2263526 |                  |
| Registration Number: | 3510148 |                  |
| Registration Number: | 3901009 | DLX              |
| Registration Number: | 1676346 | DRYLINE          |
| Registration Number: | 1619537 | DTERMINATOR      |
| Registration Number: | 1793196 | DTERMINATOR 2    |
| Registration Number: | 2252089 | DUALPOL          |
| Registration Number: | 4419646 | E20              |
| Registration Number: | 1597208 | EASIAX           |
| Registration Number: | 2442988 | EASIAX PLUS      |
| Registration Number: | 2950291 | ETHERSEAL        |
| Registration Number: | 4298759 | EXPRESS EXIT     |
| Registration Number: | 4246830 | EXTREMELINE      |
| Registration Number: | 2522409 | EZ-CLIP          |
| Registration Number: | 3502353 | EZFIT            |
| Registration Number: | 4397966 | FIBERFEED        |
| Registration Number: | 1612750 | FIBERGUIDE       |
| Registration Number: | 2349926 | FIBRBOSS         |
| Registration Number: | 2854242 | FLEXDSX          |
| Registration Number: | 1104227 | FLEXI-BLOCK      |
| Registration Number: | 3616852 | FLEXWAVE         |
| Registration Number: | 5304491 | FOSC             |
| Registration Number: | 1488255 | FOSC 100         |
| Registration Number: | 2103090 | FOSC 400         |
| Registration Number: | 5279463 | FOSC 450         |
| Registration Number: | 2885945 | FXL              |
| Registration Number: | 4999807 | G2               |
| Registration Number: | 1866253 | GELGUARD         |
| Registration Number: | 2525022 | GHFC             |
| Registration Number: | 2185062 | GIGASPEED        |
| Registration Number: | 3372123 | GIGASPEED X10D   |
| Registration Number: | 3372121 | GIGASPEED XL     |
| Registration Number: | 3534816 | GIGASPEED XPRESS |
| Registration Number: | 5523284 |                  |
| Registration Number: | 4463016 |                  |
| Registration Number: | 2774200 |                  |
| Registration Number: | 2624480 | GS3              |
| Registration Number: | 2329066 | GSSP             |

| Property Type        | Number  | Word Mark                |
|----------------------|---------|--------------------------|
| Registration Number: | 0827502 | HELIAX                   |
| Registration Number: | 2137593 | HIGHBAND                 |
| Registration Number: | 4295523 | HOMECONNECT              |
| Registration Number: | 2226785 | HOW INTELLIGENCE TRAVELS |
| Registration Number: | 5138280 | IMPOWER                  |
| Registration Number: | 4219218 | IMVISION                 |
| Registration Number: | 3056241 | INSTAPATCH               |
| Registration Number: | 2934663 | INTERREACH               |
| Registration Number: | 3074737 | INTERREACH FUSION        |
| Registration Number: | 3112097 | INTERREACH UNISON        |
| Registration Number: | 4286452 | ION                      |
| Registration Number: | 4882164 | ION                      |
| Registration Number: | 4605617 | ION-B                    |
| Registration Number: | 4701347 | ION-E                    |
| Registration Number: | 4605618 | ION-M                    |
| Registration Number: | 4605619 | ION-U                    |
| Registration Number: | 2586648 | IPATCH                   |
| Registration Number: | 4350738 | I-POI                    |
| Registration Number: | 3433079 | IQ.CLEAR XG              |
| Registration Number: | 2651706 | JACKMOON                 |
| Registration Number: | 2014813 | KRONE                    |
| Registration Number: | 2377944 | LAZRSPEED                |
| Registration Number: | 1879609 | LIGHTCRIMP               |
| Registration Number: | 0403520 |                          |
| Registration Number: | 4849761 |                          |
| Registration Number: | 2897705 | LIGHTSCOPE               |
| Registration Number: | 4304732 | LIGHTSCOPE ZWP           |
| Registration Number: | 1450498 | LSA-PLUS                 |
| Registration Number: | 2358130 | LX.5                     |
| Registration Number: | 2692643 | MEDIA 6                  |
| Registration Number: | 2579587 | METROREACH               |
| Registration Number: | 2851254 | MT-RJ SECURE             |
| Registration Number: | 2177943 | MULTIREACH               |
| Registration Number: | 1615223 | NETCONNECT               |
| Registration Number: | 1893971 | NETCONNECT               |
| Registration Number: | 1894333 | NETCONNECT               |
| Registration Number: | 2993103 | NG3                      |
| Registration Number: | 4610287 | NG4ACCESS                |

| Property Type        | Number  | Word Mark                   |
|----------------------|---------|-----------------------------|
| Registration Number: | 2271862 | NORTHERN LIGHTS CABLE, INC. |
| Registration Number: | 1606215 | OCTAPAK                     |
| Registration Number: | 3787825 | OMX                         |
| Registration Number: | 2821428 | OMX600                      |
| Registration Number: | 4796318 | ONECELL                     |
| Registration Number: | 2663495 | OPTISPEED                   |
| Registration Number: | 2270709 | P3                          |
| Registration Number: | 4522646 | PARTNERPRO                  |
| Registration Number: | 2051177 | PATCHMAX                    |
| Registration Number: | 1469785 | PEDCAP                      |
| Registration Number: | 0832129 | PICABOND                    |
| Registration Number: | 2217964 | POWER FEEDER                |
| Registration Number: | 5046485 | POWERSHIFT                  |
| Registration Number: | 4369315 | P-POI                       |
| Registration Number: | 2869874 | PRO PATCH                   |
| Registration Number: | 2938665 | PULLMASTER                  |
| Registration Number: | 1442791 | QR                          |
| Registration Number: | 4139752 | QUAREO                      |
| Registration Number: | 4139774 | Q                           |
| Registration Number: | 4781516 | QWIK II                     |
| Registration Number: | 2296455 | RADIATOR                    |
| Registration Number: | 1080222 | RADIAX                      |
| Registration Number: | 5018162 | RAPID FIBER                 |
| Registration Number: | 4813063 | RAPID REEL                  |
| Registration Number: | 3790697 | READYPATCH                  |
| Registration Number: | 3894279 | REALFLEX                    |
| Registration Number: | 4581718 | REDWOOD                     |
| Registration Number: | 2347613 | REELSMART                   |
| Registration Number: | 4946795 | RET MASTER                  |
| Registration Number: | 3803597 | RISERGUIDE                  |
| Registration Number: | 4316928 | SENTINEL                    |
| Registration Number: | 2379921 | SINGLE SHOT                 |
| Registration Number: | 3701189 | SNAPSTAK                    |
| Registration Number: | 1703013 | SPANMASTER                  |
| Registration Number: | 3934509 |                             |
| Registration Number: | 4505497 | SUREFLEX                    |
| Registration Number: | 3691912 | SUREGROUND                  |
| Registration Number: | 4716499 | SUREGUARD                   |

| Property Type        | Number  | Word Mark          |
|----------------------|---------|--------------------|
| Registration Number: | 1605354 | SYSTIMAX           |
| Registration Number: | 1644744 | SYSTIMAX           |
| Registration Number: | 4082391 | SYSTIMAX           |
| Registration Number: | 2360043 | TCS2               |
| Registration Number: | 1301390 | TEGLAR             |
| Registration Number: | 2336952 | TELETILT           |
| Registration Number: | 2945805 | TERASPEED          |
| Registration Number: | 1359209 | TERMSEAL           |
| Registration Number: | 2435047 | THE C IN HFC       |
| Registration Number: | 1437317 | TRAC               |
| Registration Number: | 2348496 | TRACE              |
| Registration Number: | 2628761 | TRACERLIGHT        |
| Registration Number: | 2546021 | TRUENET            |
| Registration Number: | 1599432 | UHP                |
| Registration Number: | 1027817 | UHX                |
| Registration Number: | 3740787 | ULTRA 10           |
| Registration Number: | 2353678 | ULTRA II           |
| Registration Number: | 2188872 | ULTRAHOME          |
| Registration Number: | 3323526 | ULTRAMEDIA         |
| Registration Number: | 2552137 | ULTRAPIPE          |
| Registration Number: | 1833148 | UNIPATCH           |
| Registration Number: | 3024567 | UNIPRISE           |
| Registration Number: | 3163109 | UNIPRISE SOLUTIONS |
| Registration Number: | 4415533 | VALUDAS            |
| Registration Number: | 3860385 | VALULINE           |
| Registration Number: | 1858127 | VALULINE           |
| Registration Number: | 2634837 | VEXTRA             |
| Registration Number: | 2507683 | VISIPATCH          |
| Registration Number: | 3366457 | VISIPATCH 360      |
| Registration Number: | 4505043 | V-STABILIZER       |
| Registration Number: | 1418255 | WE TOTE            |
| Registration Number: | 2841158 | WEBTRAK            |
| Registration Number: | 1659753 | WRSS               |
| Registration Number: | 1173989 | XAGA               |
| Registration Number: | 1878534 | XAGA FOSC          |
| Registration Number: | 3541568 | XPRESSPREP         |
| Registration Number: | 4422692 |                    |
| Registration Number: | 3262223 | BEAMFLEX           |

| Property Type        | Number  | Word Mark       |
|----------------------|---------|-----------------|
| Registration Number: | 4863441 | CHANNELFLY      |
| Registration Number: | 4045900 | CLOUDPATH       |
| Registration Number: | 2268037 | FASTIRON        |
| Registration Number: | 4433108 | HYPEREDGE       |
| Registration Number: | 4146675 | ICX             |
| Registration Number: | 4408483 | RUCKUS          |
| Registration Number: | 4408484 | RUCKUS          |
| Registration Number: | 4408482 | RUCKUS          |
| Registration Number: | 5270518 | RUCKUS          |
| Registration Number: | 5444434 | RUCKUS          |
| Registration Number: | 5300321 |                 |
| Registration Number: | 3280730 | RUCKUS WIRELESS |
| Registration Number: | 4343496 | SMARTCELL       |
| Registration Number: | 2212298 | TURBOIRON       |
| Registration Number: | 4868033 | XCLAIM          |
| Registration Number: | 4868032 | XCLAIM          |
| Registration Number: | 4868035 | XCLAIM          |
| Registration Number: | 4868034 | XCLAIM          |
| Registration Number: | 5061882 | XPRESSCONNECT   |
| Registration Number: | 4478547 | ZONEFLEX        |
| Registration Number: | 1397449 | ADC             |
| Registration Number: | 5509853 | MULTITRUST      |
| Registration Number: | 5327676 | OPTI-TRACE      |
| Registration Number: | 5049934 | LIGHT-PLEX      |
| Registration Number: | 5010874 | SURFBOARD       |
| Registration Number: | 4968845 | WORKASSURE      |
| Registration Number: | 4968844 | SERVASSURE      |
| Registration Number: | 4967627 | ENCRYPTONITE    |
| Registration Number: | 4900571 | FLEX MAX        |
| Registration Number: | 4989500 | RIPCURRENT      |
| Registration Number: | 4789123 | CONVERGEMEDIA   |
| Registration Number: | 4751504 | AGILEMAX        |
| Registration Number: | 4388270 | MEDIACIPHER     |
| Registration Number: | 4368691 | CHERRYPICKER    |
| Registration Number: | 4196842 | CORWAVE         |
| Registration Number: | 4120355 |                 |
| Registration Number: | 4104918 | FTTMAX          |
| Registration Number: | 4104916 | TRANS MAX       |

| Property Type        | Number   | Word Mark       |
|----------------------|----------|-----------------|
| Registration Number: | 4040651  |                 |
| Registration Number: | 4051711  | ARRIS           |
| Registration Number: | 4448361  | E6000           |
| Registration Number: | 3330904  | D5              |
| Registration Number: | 4254343  | ARRIS           |
| Registration Number: | 3542646  | CHP MAX5000     |
| Registration Number: | 2971140  |                 |
| Registration Number: | 3069613  | TOUCHSTONE      |
| Registration Number: | 2088180  | SURFBOARD       |
| Registration Number: | 2269305  | NETOPIA         |
| Registration Number: | 2114971  | NETOPIA         |
| Registration Number: | 1458155  | REGAL           |
| Registration Number: | 4524480  | KREATV          |
| Registration Number: | 1770738  | DIGICIPHER      |
| Registration Number: | 3678453  | AURORA NETWORKS |
| Registration Number: | 4837057  | DREAMGALLERY    |
| Registration Number: | 4996197  | SECUREMEDIA     |
| Registration Number: | 2574191  | 2WIRE           |
| Registration Number: | 2632251  | 2WIRE           |
| Registration Number: | 2619363  | HOMEPORTAL      |
| Registration Number: | 2585702  | 2WIRE           |
| Registration Number: | 4453090  | ARRIS           |
| Registration Number: | 3003530  | C4              |
| Serial Number:       | 88263645 | SMOUV           |
| Serial Number:       | 87650274 | UNLEASHED       |
| Serial Number:       | 87979957 | NOW MEETS NEXT  |
| Serial Number:       | 87979735 | HOMEASSURE      |

**CORRESPONDENCE DATA**

Fax Number: 8009144240

*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.*

Phone: 800-713-0755

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



|  |            |
|--|------------|
| <b>SIGNATURE:</b>  | /Doris Ka/ |
| <b>DATE SIGNED:</b>  | 04/11/2019 |
| <b>Total Attachments: 22</b>   |            |
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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):**

see attached Addendum

- Individual(s)
- Partnership
- Corporation- State: \_\_\_\_\_
- Other \_\_\_\_\_
- Association
- Limited Partnership

Citizenship (see guidelines) \_\_\_\_\_

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 \_\_\_\_\_
- Merger
- Change of Name

**2. Name and address of receiving party(ies)**

Additional names, addresses, or citizenship attached?  Yes  No

Name: Wilmington Trust, National Association,  
as Collateral Agent

Street Address: 246 Goose Lane, Suite 105

City: Guilford

State: CT

Country: USA Zip: 06437

- Individual(s) Citizenship \_\_\_\_\_
- Association Citizenship \_\_\_\_\_
- Partnership Citizenship \_\_\_\_\_
- Limited Partnership Citizenship \_\_\_\_\_
- Corporation Citizenship \_\_\_\_\_
- Other Bank Citizenship USA

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

see attached Schedule A

B. Trademark Registration No.(s)

see attached Schedule A

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, Legal Assistant

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: 08061.1667 (Notes)

Email Address: dka@cahill.com

**6. Total number of applications and registrations involved:**

268

**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:**

April 5, 2019

Signature

Date

Doris Ka

Name of Person Signing

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

22

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

**ITEM 1**  
**to Trademarks Recordation Form Cover Sheet**

**Conveying Parties**

|    | Entity                            | Address                                      | Type of Entity            | Jurisdiction   |
|----|-----------------------------------|--|---------------------------|----------------|
| 1. | CommScope Technologies LLC        | 1100 CommScope Place SE<br>Hickory, NC 28602 | Limited Liability Company | Delaware       |
| 2. | Commscope, Inc. of North Carolina | 1100 CommScope Place SE<br>Hickory, NC 28602 | Corporation               | North Carolina |
| 3. | Ruckus Wireless, Inc.             | 1100 CommScope Place SE<br>Hickory, NC 28602 | Corporation               | Delaware       |
| 4. | ARRIS Enterprises LLC             | 1100 CommScope Place SE<br>Hickory, NC 28602 | Limited Liability Company | Delaware       |
| 5. | ARRIS Technology, Inc.            | 1100 CommScope Place SE<br>Hickory, NC 28602 | Corporation               | Delaware       |
| 6. | Commscope, Inc.                   | 1100 CommScope Place SE<br>Hickory, NC 28602 | Corporation               | Delaware       |

**ITEM 2**

**Receiving Party**

|           | Entity  | Address   | Type of Entity | Jurisdiction |
|-----------|---|---|----------------|--------------|
| ABL<br>TL | JPMorgan Chase Bank, N.A.,<br>as Collateral Agent | 4 Chase Metrotech Center<br>MC: NY1-C413<br>Brooklyn, NY 11245-0001 | Bank           | USA          |

|       | Entity  | Address  | Type of Entity | Jurisdiction |
|-------|---|--|----------------|--------------|
| Notes | Wilmington Trust,<br>National Association,<br>as Collateral Agent | 246 Goose Lane, Suite 105,<br>Guilford, CT 06437 | Bank           | USA          |

## TRADEMARK SECURITY AGREEMENT

This **TRADEMARK PROPERTY SECURITY AGREEMENT** (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Trademark Security Agreement**”) dated April 4, 2019, is made by each Person listed on the signature pages hereof (each, a “**Pledgor**”) in favor of Wilmington Trust, National Association, as collateral agent (together with its permitted successors in such capacity the “**Collateral Agent**”) for the Secured Parties (as defined in the Security Agreement (as defined below)).

**WHEREAS**, each Pledgor has executed and delivered that certain Notes Security Agreement, dated April 4, 2019, by CommScope, Inc., a Delaware corporation, each Pledgor, the other Grantors party thereto from time to time and the Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Security Agreement**”). Terms defined in the Security Agreement and not otherwise defined herein are used herein as defined in the Security Agreement.

**WHEREAS**, under the terms of the Security Agreement, each Pledgor has granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain trademarks of such Pledgor, and has agreed as a condition thereof to execute this Trademark Security Agreement for recording with the United States Patent and Trademark Office and any other appropriate domestic governmental authorities.

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

(1) **Grant of Security.** Each Pledgor hereby grants to the Collateral Agent for the benefit of the Secured Parties a security interest in all of such Pledgor’s right, title and interest in and to the following (the “**Collateral**”):

(a) the trademark and service mark registrations and applications set forth in Schedule A hereto (provided that no security interest shall be granted in United States intent-to-use trademark applications to the extent that, and so long as creation of a security interest therein or the assignment thereof would result in the loss of any material rights therein), together with the goodwill symbolized thereby (the “**Trademarks**”);

(b) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Pledgor accruing thereunder or pertaining thereto;

(c) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(d) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing;

provided that notwithstanding anything to the contrary contained in the foregoing clauses (a) through (d), the security interest created hereby shall not extend to, and the term “Collateral,” shall not include any lease, license or other agreement to the extent that (and only for so long as) a grant of a security interest

therein would violate or invalidate such lease, license, or agreement, or create a right of termination in favor of any other party thereto (other than any Pledgor), in each case to the extent not rendered unenforceable pursuant to applicable provisions of the UCC or other applicable law; provided, that the Collateral includes proceeds and receivables of any property excluded under the foregoing proviso, the assignment of which is expressly deemed effective under the UCC notwithstanding such prohibition; provided further that, notwithstanding anything to the contrary contained in the foregoing clauses (a) through (d), the security interest created hereby shall not extend to any Excluded Assets.

(2) Security for Obligations. The grant of a security interest in the Collateral by each Pledgor under this Trademark Security Agreement secures the payment of all Obligations of such Pledgor now or hereafter existing under or in respect of the Security Documents (as such Security Documents may be amended, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time). Without limiting the generality of the foregoing, this Trademark Security Agreement secures, as to each Pledgor, the payment of all amounts that constitute part of the Secured Obligations (as defined in the Security Agreement) that would be owed by such Pledgor to any Secured Party under the Security Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, or reorganization or similar proceeding involving a Grantor.

(3) Recordation. Each Pledgor authorizes and requests that the Commissioner for Trademarks record this Trademark Security Agreement.

(4) Execution in Counterparts. This Trademark Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

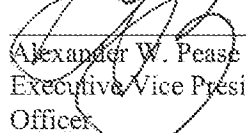
(5) Grants, Rights and Remedies. This Trademark Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Pledgor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Trademark Security Agreement Supplement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

(6) Governing Law. This Trademark Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York, without regard to conflicts of law principles thereof.

[Signature Pages Follow]

IN WITNESS WHEREOF, each Pledgor has caused this Trademark Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

COMMSCOPE TECHNOLOGIES LLC  
COMMSCOPE, INC. OF NORTH CAROLINA  
RUCKUS WIRELESS, INC.  
ARRIS ENTERPRISES LLC

By:   
Name: Alexander W. Pease  
Title: Executive Vice President and Chief Financial Officer

[SIGNATURE PAGE TO TRADEMARK SECURITY AGREEMENT (NOTES)]

**TRADEMARK**  
**REEL: 006615 FRAME: 0351**

**ARRIS TECHNOLOGY, INC.**

By: 

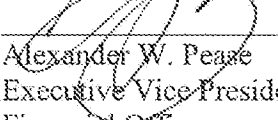
Name: Alexander W. Pease

Title: Executive Vice President and  
Chief Financial Officer

*[Signature Page to Trademark Security Agreement (Notes)]*

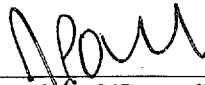
**TRADEMARK  
REEL: 006615 FRAME: 0352**

COMMSCOPE, INC

By:   
Name: Alexander W. Pease  
Title: Executive Vice President and Chief  
Financial Officer



**WILMINGTON TRUST, NATIONAL  
ASSOCIATION,**  
as Collateral Agent

By:   
Name: Joseph P. O'Donnell  
Title: Vice President

*[Signature Page to Trademark Security Agreement (Notes)]*

Schedule A to the Trademark Security Agreement

**UNITED STATES TRADEMARKS**

Registrations:

| <b>OWNER</b>                      | <b>REGISTRATION NUMBER</b> | <b>APPLICATION NUMBER</b> | <b>TRADEMARK</b>              |
|-----------------------------------|----------------------------|---------------------------|-------------------------------|
| CommScope Technologies LLC        | 4506402                    | 85711245                  | AccuRET                       |
| CommScope, Inc. of North Carolina | 5161230                    | 87198129                  | ACT                           |
| CommScope Technologies LLC        | 1021919                    | 73001828                  | ADC                           |
| CommScope Technologies LLC        | 2572495                    | 75573766                  | ADC                           |
| CommScope Technologies LLC        | 2608396                    | 75573620                  | ADC                           |
| CommScope Technologies LLC        | 1941052                    | 74615763                  | AIR FOSC                      |
| CommScope Technologies LLC        | 2791398                    | 78201673                  | AIRES                         |
| CommScope Technologies LLC        | 2598859                    | 76038538                  | Airvana                       |
| CommScope Technologies LLC        | 2675597                    | 76292520                  | Airvista                      |
| CommScope Technologies LLC        | 4177785                    | 85197594                  | AMC                           |
| CommScope Technologies LLC        | 4911879                    | 86312828                  | AMP NETCONNECT                |
| CommScope Technologies LLC        | 3060798                    | 76977895                  | AMP NETCONNECT & OVAL DESIGN  |
| CommScope Technologies LLC        | 3096306                    | 78229945                  | AMP NETCONNECT HOME NET-WORKS |
| CommScope Technologies LLC        | 2197854                    | 75336151                  | AMPINNERGY                    |
| CommScope Technologies LLC        | 3894233                    | 77333034                  | Andrew                        |
| CommScope Technologies LLC        | 959263                     | 72406949                  | Andrew                        |

|                                   |         |          |                       |
|-----------------------------------|---------|----------|-----------------------|
| CommScope Technologies LLC        | 403521  | 71460168 | Andrew & Flash Design |
| CommScope Technologies LLC        | 4854347 | 86532594 | Andrew & Flash Design |
| CommScope Technologies LLC        | 959262  | 72406948 | Andrew & Flash Design |
| CommScope Technologies LLC        | 4272486 | 77602197 | Andrew Solutions      |
| CommScope Technologies LLC        | 4270192 | 77884471 | Argus                 |
| CommScope Technologies LLC        | 2674928 | 76391419 | BAY TRACER            |
| CommScope, Inc. of North Carolina | 4435226 | 85817585 | BOS                   |
| CommScope, Inc. of North Carolina | 2472151 | 75694165 | BrightWire            |
| CommScope, Inc. of North Carolina | 3969647 | 85126160 | BrightWire XP         |
| CommScope Technologies LLC        | 4386723 | 85683067 | C5C                   |
| CommScope Technologies LLC        | 5507068 | 87682714 | Cable Exchange        |
| CommScope, Inc. of North Carolina | 1530622 | 73713183 | Cable Guard           |
| CommScope, Inc. of North Carolina | 2099055 | 75124156 | CablePak              |
| CommScope, Inc. of North Carolina | 4520878 | 86036392 | cCatalog              |
| CommScope Technologies LLC        | 0761882 | 72168557 | CERTI-SEAL            |
| CommScope Technologies LLC        | 2633035 | 76210367 | CLEARGAIN             |
| CommScope Technologies LLC        | 3924994 | 85016910 | CNT                   |
| CommScope, Inc. of North Carolina | 0898651 | 72353793 | Comm/Scope            |

|  |         |          |  |
|--|---------|----------|--|
| <b>CommScope, Inc. of North Carolina</b> | 2849601 | 78191100 | CommAlert                                |
| <b>CommScope, Inc. of North Carolina</b> | 2905380 | 75513771 | CommPak                                  |
| <b>CommScope, Inc. of North Carolina</b> | 1865198 | 74330420 | CommScope                                |
| <b>CommScope, Inc. of North Carolina</b> | 4194933 | 77737736 | CommScope                                |
| <b>CommScope, Inc. of North Carolina</b> | 5444784 | 87398031 | COMMSCOPE                                |
| <b>CommScope, Inc. of North Carolina</b> | 3008397 | 76608524 | CommScope Advantage Inventory Management |
| <b>CommScope, Inc. of North Carolina</b> | 4463018 | 85226746 | CommScope and Globe Design               |
| <b>CommScope, Inc. of North Carolina</b> | 5523282 | 87701451 | CommScope and Globe Design 2D            |
| <b>CommScope, Inc. of North Carolina</b> | 5717236 | 87773846 | COMMSCOPE Era                            |
| <b>CommScope Technologies LLC</b>        | 1640275 | 73802998 | COMPROTECT                               |
| <b>CommScope, Inc. of North Carolina</b> | 2223132 | 75208107 | ConQuest                                 |
| <b>CommScope Technologies LLC</b>        | 1875109 | 74438772 | CORELINK                                 |
| <b>CommScope, Inc. of North Carolina</b> | 4520879 | 86036413 | cSolutions                               |
| <b>CommScope Technologies LLC</b>        | 3292104 | 78825131 | CST                                      |
| <b>CommScope, Inc. of North Carolina</b> | 4373306 | 85574128 | CTrak                                    |
| <b>CommScope, Inc. of North Carolina</b> | 3333965 | 77111114 | Datapipe                                 |

|  |         |          |                    |
|--|---------|----------|--------------------|
| <b>CommScope, Inc. of North Carolina</b> | 2263526 | 75292556 | Design Logo        |
| <b>CommScope, Inc. of North Carolina</b> | 3510148 | 78948378 | Design Logo        |
| <b>CommScope Technologies LLC</b>        | 3901009 | 77435896 | DLX                |
| <b>CommScope Technologies LLC</b>        | 1676346 | 74056196 | DryLine (Stylized) |
| <b>CommScope Technologies LLC</b>        | 1619537 | 73813306 | DTERMINATOR        |
| <b>CommScope Technologies LLC</b>        | 1793196 | 74295683 | DTERMINATOR 2      |
| <b>CommScope Technologies LLC</b>        | 2252089 | 75300187 | DualPol            |
| <b>CommScope, Inc. of North Carolina</b> | 4419646 | 85690335 | E2O                |
| <b>CommScope Technologies LLC</b>        | 1597208 | 73826102 | EASIAx             |
| <b>CommScope Technologies LLC</b>        | 2442988 | 75386462 | EASIAx Plus        |
| <b>CommScope Technologies LLC</b>        | 2950291 | 78317506 | ETHERSEAL          |
| <b>CommScope Technologies LLC</b>        | 4298759 | 85314262 | EXPRESS EXIT       |
| <b>CommScope Technologies LLC</b>        | 4246830 | 85341885 | ExtremeLine        |
| <b>CommScope, Inc. of North Carolina</b> | 2522409 | 76224025 | EZ-Clip            |
| <b>CommScope, Inc. of North Carolina</b> | 3502353 | 77128209 | EZfit              |
| <b>CommScope Technologies LLC</b>        | 4397966 | 85709879 | FiberFeed          |
| <b>CommScope Technologies LLC</b>        | 1612750 | 73816057 | FIBERGUIDE         |
| <b>CommScope Technologies LLC</b>        | 2349926 | 75693128 | FIBRBOSS           |
| <b>CommScope Technologies LLC</b>        | 2854242 | 76193765 | FLEXDSX            |
| <b>CommScope Technologies LLC</b>        | 1104227 | 73089207 | FLEXI-BLOCK        |
| <b>CommScope Technologies LLC</b>        | 3616852 | 77295504 | FLEXWAVE           |

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|--|---------|----------|--|
| <b>CommScope Technologies LLC</b>        | 5304491 | 87120826 | FOSC                                       |
| <b>CommScope Technologies LLC</b>        | 1488255 | 73681078 | FOSC 100                                   |
| <b>CommScope Technologies LLC</b>        | 2103090 | 75150175 | FOSC 400                                   |
| <b>CommScope Technologies LLC</b>        | 5279463 | 87121175 | FOSC 450                                   |
| <b>CommScope, Inc. of North Carolina</b> | 2885945 | 76526363 | FXL  |
| <b>CommScope Technologies LLC</b>        | 4999807 | 86655950 | G2   |
| <b>CommScope Technologies LLC</b>        | 1866253 | 74340111 | GELGUARD                                   |
| <b>CommScope Technologies LLC</b>        | 2525022 | 76239360 | GHFC                                       |
| <b>CommScope, Inc. of North Carolina</b> | 2185062 | 75256346 | GigaSPEED                                  |
| <b>CommScope, Inc. of North Carolina</b> | 3372123 | 77179856 | GigaSPEED X10D                             |
| <b>CommScope, Inc. of North Carolina</b> | 3372121 | 77179814 | GigaSPEED XL                               |
| <b>CommScope, Inc. of North Carolina</b> | 3534816 | 77194052 | GigaSPEED Xpress                           |
| <b>CommScope, Inc. of North Carolina</b> | 5523284 | 87701559 | Globe Design 2D                            |
| <b>CommScope, Inc. of North Carolina</b> | 4463016 | 85222869 | Globe Design Logo                          |
| <b>CommScope, Inc. of North Carolina</b> | 2774200 | 76186081 | Gold Metallic Cable<br>(Brightwire Design) |
| <b>CommScope Technologies LLC</b>        | 2624480 | 76296797 | GS3  |
| <b>CommScope Technologies LLC</b>        | 2329066 | 75651000 | GSSP                                       |
| <b>CommScope Technologies LLC</b>        | 0827502 | 72236212 | HELIAX                                     |
| <b>CommScope Technologies LLC</b>        | 2137593 | 74554507 | HIGHBAND                                   |

|  |         |          |                          |
|--|---------|----------|--------------------------|
| <b>CommScope, Inc. of North Carolina</b> | 4295523 | 85671328 | HomeConnect              |
| <b>CommScope, Inc. of North Carolina</b> | 2226785 | 75337960 | How Intelligence Travels |
| <b>CommScope, Inc. of North Carolina</b> | 5138280 | 86673102 | IMPOWER                  |
| <b>CommScope, Inc. of North Carolina</b> | 4219218 | 85404930 | IMVISION                 |
| <b>CommScope, Inc. of North Carolina</b> | 3056241 | 78304663 | InstaPATCH               |
| <b>CommScope Technologies LLC</b>        | 2934663 | 78039039 | INTERREACH               |
| <b>CommScope Technologies LLC</b>        | 3074737 | 78508303 | INTERREACH FUSION        |
| <b>CommScope Technologies LLC</b>        | 3112097 | 78679830 | INTERREACH UNISON        |
| <b>CommScope Technologies LLC</b>        | 4286452 | 78710076 | ION                      |
| <b>CommScope Technologies LLC</b>        | 4882164 | 86199955 | ION                      |
| <b>CommScope Technologies LLC</b>        | 4605617 | 86248066 | ION-B                    |
| <b>CommScope Technologies LLC</b>        | 4701347 | 86248120 | ION-E                    |
| <b>CommScope Technologies LLC</b>        | 4605618 | 86248086 | ION-M                    |
| <b>CommScope Technologies LLC</b>        | 4605619 | 86248101 | ION-U                    |
| <b>CommScope, Inc. of North Carolina</b> | 2586648 | 78020592 | iPatch                   |
| <b>CommScope Technologies LLC</b>        | 4350738 | 85368731 | i-POI                    |
| <b>CommScope Technologies LLC</b>        | 3433079 | 78841778 | IQ.clear XG              |
| <b>CommScope Technologies LLC</b>        | 2651706 | 76321751 | JACKMOON                 |
| <b>CommScope Technologies LLC</b>        | 2014813 | 74619280 | KRONE                    |

|  |         |          |                             |
|--|---------|----------|-----------------------------|
| <b>CommScope, Inc. of North Carolina</b> | 2377944 | 75408017 | LazrSPEED                   |
| <b>CommScope Technologies LLC</b>        | 1879609 | 74484007 | LIGHTCRIMP                  |
| <b>CommScope Technologies LLC</b>        | 0403520 | 71460167 | Lightning Flash Design      |
| <b>CommScope Technologies LLC</b>        | 4849761 | 86532510 | Lightning Flash Design      |
| <b>CommScope, Inc. of North Carolina</b> | 2897705 | 76402076 | LightScope                  |
| <b>CommScope, Inc. of North Carolina</b> | 4304732 | 85673625 | LightScope ZWP              |
| <b>CommScope Technologies LLC</b>        | 1450498 | 73631283 | LSA-PLUS                    |
| <b>CommScope Technologies LLC</b>        | 2358130 | 75377658 | LX.5                        |
| <b>CommScope, Inc. of North Carolina</b> | 2692643 | 76363370 | Media 6                     |
| <b>CommScope Technologies LLC</b>        | 2579587 | 75870237 | METROREACH                  |
| <b>CommScope Technologies LLC</b>        | 2851254 | 76220595 | MT-RJ SECURE                |
| <b>CommScope, Inc. of North Carolina</b> | 2177943 | 75219425 | MultiReach                  |
| <b>CommScope Technologies LLC</b>        | 1615223 | 73788090 | NETCONNECT                  |
| <b>CommScope Technologies LLC</b>        | 1893971 | 74453454 | NETCONNECT                  |
| <b>CommScope Technologies LLC</b>        | 1894333 | 74453453 | NETCONNECT                  |
| <b>CommScope Technologies LLC</b>        | 2993103 | 78229529 | NG3                         |
| <b>CommScope Technologies LLC</b>        | 4610287 | 85704309 | NG4access                   |
| <b>CommScope Technologies LLC</b>        | 2271862 | 75463537 | NORTHERN LIGHTS CABLE, INC. |
| <b>CommScope Technologies LLC</b>        | 1606215 | 73814202 | OCTAPAK                     |
| <b>CommScope Technologies LLC</b>        | 3787825 | 77295506 | OMX                         |



|                                   |         |          |                             |
|-----------------------------------|---------|----------|-----------------------------|
| CommScope Technologies LLC        | 2821428 | 75749083 | OMX600                      |
| CommScope Technologies LLC        | 4796318 | 86274839 | OneCell                     |
| CommScope, Inc. of North Carolina | 2663495 | 75369497 | OptiSPEED                   |
| CommScope, Inc. of North Carolina | 2270709 | 75512695 | P3                          |
| CommScope, Inc. of North Carolina | 4522646 | 85671304 | PartnerPRO                  |
| CommScope, Inc. of North Carolina | 2051177 | 74562815 | PATCHMAX                    |
| CommScope Technologies LLC        | 1469785 | 73620071 | PEDCAP                      |
| CommScope Technologies LLC        | 0832129 | 72242873 | PICABOND                    |
| CommScope, Inc. of North Carolina | 2217964 | 75136043 | Power Feeder                |
| CommScope Technologies LLC        | 5046485 | 86629495 | PowerShift                  |
| CommScope Technologies LLC        | 4369315 | 85457845 | p-POI                       |
| CommScope Technologies LLC        | 2869874 | 75767494 | PRO PATCH                   |
| CommScope, Inc. of North Carolina | 2938665 | 76517340 | PullMaster                  |
| CommScope, Inc. of North Carolina | 1442791 | 73396747 | QR                          |
| CommScope Technologies LLC        | 4139752 | 85101945 | QUAREO                      |
| CommScope Technologies LLC        | 5029002 | 79160608 | QUAREO                      |
| CommScope Technologies LLC        | 4139774 | 85109606 | QUAREO Logo<br>(Stylized Q) |
| CommScope, Inc. of North Carolina | 4781516 | 86470260 | QWIK II                     |
| CommScope Technologies LLC        | 2296455 | 75268203 | RADIATOR                    |

|                                   |         |          |                  |
|-----------------------------------|---------|----------|------------------|
| CommScope Technologies LLC        | 1080222 | 73018667 | RADIAX           |
| CommScope Technologies LLC        | 5018162 | 85473147 | RAPID FIBER      |
| CommScope Technologies LLC        | 4813063 | 85376506 | RAPID REEL       |
| CommScope, Inc. of North Carolina | 3790697 | 77415042 | ReadyPATCH       |
| CommScope Technologies LLC        | 3894279 | 77437287 | RealFlex         |
| CommScope Technologies LLC        | 4581718 | 86046357 | Redwood          |
| CommScope, Inc. of North Carolina | 2347613 | 75449992 | ReelSmart        |
| CommScope Technologies LLC        | 4946795 | 86240941 | RET MASTER       |
| CommScope Technologies LLC        | 3803597 | 77295523 | RISERGUIDE       |
| CommScope Technologies LLC        | 4316928 | 85704218 | Sentinel         |
| CommScope Technologies LLC        | 2379921 | 75467260 | SINGLE SHOT      |
| CommScope Technologies LLC        | 3701189 | 77687305 | SnapStak         |
| CommScope, Inc. of North Carolina | 1703013 | 74205268 | SpanMaster       |
| CommScope Technologies LLC        | 3934509 | 85092968 | Starburst Design |
| CommScope Technologies LLC        | 4505497 | 86097507 | Sureflex         |
| CommScope Technologies LLC        | 3691912 | 77687357 | SureGround       |
| CommScope Technologies LLC        | 4716499 | 86419044 | SureGuard        |
| CommScope, Inc. of North Carolina | 1605354 | 73819444 | SYSTIMAX         |
| CommScope, Inc. of North Carolina | 1644744 | 74001018 | SYSTIMAX         |
| CommScope, Inc. of North Carolina | 4082391 | 85201845 | SYSTIMAX         |
| CommScope Technologies LLC        | 2360043 | 75742500 | TCS2             |

|  |         |          |                    |
|--|---------|----------|--------------------|
| <b>CommScope Technologies LLC</b>        | 1301390 | 73450343 | TEGLAR             |
| <b>CommScope Technologies LLC</b>        | 2336952 | 75050695 | Teletilt           |
| <b>CommScope, Inc. of North Carolina</b> | 2945805 | 78201890 | TeraSPEED          |
| <b>CommScope Technologies LLC</b>        | 1359209 | 73518981 | TERMSEAL           |
| <b>CommScope, Inc. of North Carolina</b> | 2435047 | 75903601 | The C in HFC       |
| <b>CommScope Technologies LLC</b>        | 1437317 | 73591687 | TRAC               |
| <b>CommScope Technologies LLC</b>        | 2348496 | 75693127 | TRACE              |
| <b>CommScope Technologies LLC</b>        | 2628761 | 75867929 | TRACERLIGHT        |
| <b>CommScope Technologies LLC</b>        | 2546021 | 75981105 | TRUENET            |
| <b>CommScope Technologies LLC</b>        | 1599432 | 73836894 | UHP                |
| <b>CommScope Technologies LLC</b>        | 1027817 | 73033496 | UHX                |
| <b>CommScope, Inc.</b>                   | 3740787 | 77527193 | Ultra 10           |
| <b>CommScope, Inc. of North Carolina</b> | 2353678 | 75737031 | ULTRA II           |
| <b>CommScope, Inc. of North Carolina</b> | 2188872 | 75226664 | UltraHome          |
| <b>CommScope, Inc. of North Carolina</b> | 3323526 | 77111093 | UltraMedia         |
| <b>CommScope, Inc. of North Carolina</b> | 2552137 | 76132307 | UltraPipe          |
| <b>CommScope Technologies LLC</b>        | 1833148 | 74211960 | UNIPATCH           |
| <b>CommScope, Inc. of North Carolina</b> | 3024567 | 78370565 | Uniprise           |
| <b>CommScope, Inc. of North Carolina</b> | 3163109 | 76589237 | Uniprise Solutions |
| <b>CommScope Technologies LLC</b>        | 4415533 | 85578006 | ValuDAS            |

|  |         |          |                                |
|--|---------|----------|--------------------------------|
| <b>CommScope Technologies LLC</b>        | 3860385 | 77950389 | ValuLine                       |
| <b>CommScope Technologies LLC</b>        | 1858127 | 74340489 | ValuLine & Design              |
| <b>CommScope, Inc. of North Carolina</b> | 2634837 | 76314868 | VEXTRA                         |
| <b>CommScope, Inc. of North Carolina</b> | 2507683 | 75721302 | VisiPatch                      |
| <b>CommScope, Inc. of North Carolina</b> | 3366457 | 77051145 | VisiPatch 360                  |
| <b>CommScope Technologies LLC</b>        | 4505043 | 86039778 | V-Stabilizer                   |
| <b>CommScope, Inc. of North Carolina</b> | 1418255 | 73597130 | WE TOTE                        |
| <b>CommScope, Inc. of North Carolina</b> | 2841158 | 76433408 | WebTrak                        |
| <b>CommScope Technologies LLC</b>        | 1659753 | 74112189 | WRSS                           |
| <b>CommScope Technologies LLC</b>        | 1173989 | 73260652 | XAGA                           |
| <b>CommScope Technologies LLC</b>        | 1878534 | 74488870 | XAGA FOSC                      |
| <b>CommScope, Inc. of North Carolina</b> | 3541568 | 77375238 | XpressPrep                     |
| <b>Ruckus Wireless Inc.</b>              | 4422692 | 85629423 | Bark Logo (Design Only 3 Bars) |
| <b>Ruckus Wireless Inc.</b>              | 3262223 | 78541004 | BEAMFLEX                       |
| <b>Ruckus Wireless Inc.</b>              | 4863441 | 85540807 | CHANNELFLY                     |
| <b>Ruckus Wireless Inc.</b>              | 4045900 | 77803433 | CLOUDPATH                      |
| <b>ARRIS Enterprises LLC</b>             | 2268037 | 75226662 | FASTIRON                       |
| <b>ARRIS Enterprises LLC</b>             | 4433108 | 85502588 | HYPEREDGE                      |
| <b>ARRIS Enterprises LLC</b>             | 4146675 | 85443568 | ICX                            |
| <b>Ruckus Wireless Inc.</b>              | 4408483 | 85751017 | RUCKUS (word mark)             |

|                                   |         |          |                       |
|-----------------------------------|---------|----------|-----------------------|
| <b>Ruckus Wireless Inc.</b>       | 4408484 | 85751019 | RUCKUS (word mark)    |
| <b>Ruckus Wireless Inc.</b>       | 4408482 | 85751016 | RUCKUS (word mark)    |
| <b>ARRIS Enterprises LLC</b>      | 5270518 | 87309640 | RUCKUS (word mark)    |
| <b>ARRIS Enterprises LLC</b>      | 5444434 | 87309646 | RUCKUS (word mark)    |
| <b>ARRIS Enterprises LLC</b>      | 5300321 | 87341483 | Ruckus Big Dog Design |
| <b>Ruckus Wireless Inc.</b>       | 3280730 | 78716261 | RUCKUS WIRELESS       |
| <b>Ruckus Wireless Inc.</b>       | 4343496 | 85540816 | SMARTCELL             |
| <b>ARRIS Enterprises LLC</b>      | 2212298 | 75266963 | TURBOIRON             |
| <b>Ruckus Wireless Inc.</b>       | 4868033 | 86403672 | Xclaim (stylized)     |
| <b>Ruckus Wireless Inc.</b>       | 4868032 | 86403664 | Xclaim (stylized)     |
| <b>Ruckus Wireless Inc.</b>       | 4868035 | 86403676 | XCLAIM (word mark)    |
| <b>Ruckus Wireless Inc.</b>       | 4868034 | 86403674 | XCLAIM (word mark)    |
| <b>Ruckus Wireless Inc.</b>       | 5061882 | 86587859 | XPRESSCONNECT         |
| <b>Ruckus Wireless Inc.</b>       | 4478547 | 85540810 | ZONEFLEX              |
| <b>CommScope Technologies LLC</b> | 1397449 | 73527543 | ADC & Design          |
| <b>ARRIS Enterprises LLC</b>      | 5509853 | 87551493 | MULTITRUST            |
| <b>ARRIS Enterprises LLC</b>      | 5327676 | 87381338 | OPTI-TRACE            |
| <b>ARRIS Enterprises LLC</b>      | 5049934 | 87044109 | LIGHT-PLEX            |
| <b>ARRIS Enterprises LLC</b>      | 5010874 | 86654648 | SURFboard & Design    |
| <b>ARRIS Enterprises LLC</b>      | 4968845 | 86818230 | WorkAssure            |
| <b>ARRIS Enterprises LLC</b>      | 4968844 | 86818115 | ServAssure            |
| <b>ARRIS Enterprises LLC</b>      | 4967627 | 86642777 | ENCRYPTONITE          |

|  |         |          |                |
|--|---------|----------|----------------|
| ARRIS Enterprises LLC                                    | 4900571 | 86552760 | FLEX MAX       |
| ARRIS Enterprises LLC                                    | 4989500 | 86475404 | RIPCURRENT     |
| ARRIS Enterprises LLC                                    | 4789123 | 86458561 | CONVERGEMEDIA  |
| ARRIS Enterprises LLC                                    | 4751504 | 86415822 | AgileMax       |
| ARRIS Enterprises LLC                                    | 4388270 | 85895708 | MEDIACIPHER    |
| ARRIS Enterprises LLC                                    | 4368691 | 85852511 | CHERRYPICKER   |
| ARRIS Enterprises LLC                                    | 4196842 | 85345882 | CORWAVE        |
| ARRIS Enterprises LLC                                    | 4120355 | 85131514 | Design         |
| ARRIS Enterprises LLC                                    | 4104918 | 85345896 | FTTMAX         |
| ARRIS Enterprises LLC (f/k/a<br>Arris Enterprises, Inc.) | 4104916 | 85345826 | TRANS MAX      |
| ARRIS Enterprises LLC                                    | 4040651 | 85117353 | Design         |
| ARRIS Enterprises LLC                                    | 4051711 | 85117462 | ARRIS & Design |
| ARRIS Enterprises LLC                                    | 4448361 | 85539064 | E6000          |
| ARRIS Enterprises LLC (f/k/a<br>Arris Enterprises, Inc.) | 3330904 | 78585156 | D5             |
| ARRIS Enterprises LLC                                    | 4254343 | 78285890 | ARRIS          |
| ARRIS Enterprises LLC                                    | 3542646 | 77288661 | CHP MAX5000    |
| ARRIS Enterprises LLC                                    | 2971140 | 76270674 | Design         |
| ARRIS Enterprises LLC (f/k/a<br>Arris Enterprises, Inc.) | 3069613 | 76280089 | TOUCHSTONE     |
| ARRIS Enterprises LLC                                    | 2088180 | 75002255 | SURFBOARD      |
| ARRIS Enterprises LLC                                    | 2269305 | 74689102 | NETOPIA        |
| ARRIS Enterprises LLC                                    | 2114971 | 74665594 | NETOPIA        |
| ARRIS Enterprises LLC                                    | 1458155 | 73648391 | REGAL          |

|                        |         |          |                                |
|------------------------|---------|----------|--------------------------------|
| ARRIS Technology, Inc. | 4524480 | 85866825 | KREATV                         |
| ARRIS Technology, Inc. | 1770738 | 74015559 | DIGICIPHER                     |
| ARRIS Enterprises LLC  | 3678453 | 77488942 | AURORA<br>NETWORKS &<br>Design |
| ARRIS Technology, Inc. | 4837057 | 85595767 | DREAMGALLERY                   |
| ARRIS Enterprises LLC  | 4996197 | 86649973 | SECUREMEDIA                    |
| ARRIS Enterprises LLC  | 2574191 | 75761706 | 2WIRE & Design                 |
| ARRIS Enterprises LLC  | 2632251 | 75761705 | 2WIRE & Design                 |
| ARRIS Enterprises LLC  | 2619363 | 75825604 | HOMEPORTAL                     |
| ARRIS Enterprises LLC  | 2585702 | 75575129 | 2WIRE                          |
| ARRIS Enterprises LLC  | 4453090 | 85140610 | ARRIS                          |
| ARRIS Enterprises LLC  | 3003530 | 78064945 | C4                             |

Applications:

| OWNER                             | APPLICATION NUMBER | TRADEMARK      |
|-----------------------------------|--------------------|----------------|
| CommScope Technologies LLC        | 88263645           | SMOUV          |
| ARRIS Enterprises LLC             | 87650274           | UNLEASHED      |
| CommScope, Inc. of North Carolina | 87979957           | NOW MEETS NEXT |
| ARRIS Enterprises LLC             | 87979735           | HOMEASSURE     |