

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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CHRISTOPHER G. RANSON	06/07/2012
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<b>Property Type</b>	<b>Number</b>
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<b>SIGNATURE:</b>	/Danielle N. Suess/
<b>DATE SIGNED:</b>	08/14/2017
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

We, the undersigned, have invented certain inventions and improvements disclosed in a non-provisional patent application entitled "Distributed Antenna System Interface for Processing Digital Signals in a Standardized Format," filed with the U.S. Patent & Trademark Office on June 11, 2012 and assigned serial no. 13/493,060 and disclosed in a Patent Cooperation Treaty application entitled "Distributed Antenna System Interface for Processing Digital Signals in a Standardized Format," filed on June 11, 2012 and assigned serial no. PCT/US2012/041829

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, we:

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to ANDREW LLC, a limited liability company of the State of North Carolina having a principal place of business at 1100 CommScope Place, S.E., Hickory, North Carolina 28602 ("Assignee"), the entire right, title, and interest in and to:
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent applications, implicitly or explicitly;
  - (b) the above-referenced patent applications, the right to claim priority to one or more of the above-referenced patent applications, all applications based in whole or in part upon one or more of the above-referenced patent applications, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on one or more of the above-referenced patent applications;
  - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

Distributed Antenna System Interface for Processing Digital Signals in a Standardized Format  
Page 2 of 2

- Signed on the dates indicated beside our signatures.

Thomas Kummertz

Date: 11-June-12

Christopher G. Ranson

Date: \_\_\_\_\_

REEL: 043287 FRAME: 0417

ASSIGNMENT

Distributed Antenna System Interface for Processing Digital Signals in a Standardized Format

Page 2 of 2

- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
  3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
  4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
  5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
  6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent applications when known.

Signed on the dates indicated beside our signatures.

Signature: \_\_\_\_\_

Thomas Kummetz

Date: \_\_\_\_\_

Signature:  \_\_\_\_\_

Christopher G. Ranson

Date: 7-June 12