

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4371147

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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CHRISTOPHER G. RANSON	04/15/2015
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15437032
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ATTORNEY DOCKET NUMBER:	100.1473US02
NAME OF SUBMITTER:	DANIELLE N. SUESS
SIGNATURE:	/Danielle N. Suess/
DATE SIGNED:	04/17/2017
Total Attachments: 4	
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ASSIGNMENT
(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility non-provisional application entitled "SELECTIVELY COMBINING UPLINK SIGNALS IN DISTRIBUTED ANTENNA SYSTEMS," filed with the United States Patent and Trademark Office on February 17, 2015 and assigned serial no. 14/624,195, and in an international patent application entitled "SELECTIVELY COMBINING UPLINK SIGNALS IN DISTRIBUTED ANTENNA SYSTEMS," filed with the United States Receiving Office on February 17, 2015 and assigned serial no. PCT/US2015/016161 which claim the benefit of U.S. provisional patent application no. 61/941,272 filed with the United States Patent and Trademark Office on February 18, 2014.

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

- I. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to COMMSCOPE TECHNOLOGIES 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 the above-referenced patent applications, all applications based in whole or in part upon 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 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

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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

(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.

Signed on the dates indicated beside our signatures.

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Signature: _____

Van E. Hanson

Date: _____

April 14, 2015

STATE OF _____

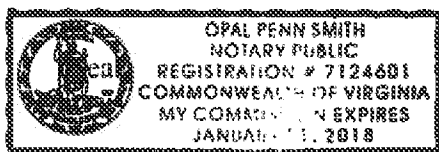
Virginia

Before me, a Notary Public in and for the State of _____, on this _____ day of

Virginia

14th

April, 2015, personally appeared Van E. Hanson, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.



Opal Penn Smith
NOTARY PUBLIC

My Commission Expires: January 31, 2018

PATENT

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Signature: _____

Christopher G. Ranson

Date: _____

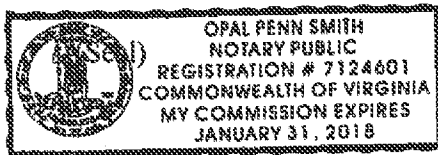
4-15-15

Christopher G. Ranson

STATE OF _____

Virginia

Before me, a Notary Public in and for the State of *Virginia*, on this *15th* day of *April*, 2015, personally appeared Christopher G. Ranson, who being duly sworn, sig
and acknowledged the foregoing Assignment as his/her free act and deed.



Opal Penn Smith
NOTARY PUBLIC

My Commission Expires: *January 31, 2018*