

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3145792

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTOPHER GOODMAN RANSON	06/27/2013
GREGORY ALLAN MACA	06/27/2013
THOMAS KUMMETZ	07/01/2013
RECEIVING PARTY DATA	
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City:	HICKORY
State/Country:	NORTH CAROLINA
Postal Code:	28602
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14569088
CORRESPONDENCE DATA	
Fax Number:	(404)601-5874
<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>	
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Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	62508-921031 (2387 CON)
NAME OF SUBMITTER:	JON AUTRAN
SIGNATURE:	/Jon Autran/
DATE SIGNED:	12/12/2014
Total Attachments: 5	
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PATENT	

ASSIGNMENT

We, the undersigned, have invented certain inventions and improvements disclosed in the non-provisional utility patent application entitled

“CANCELING NARROWBAND INTERFERING SIGNALS IN A DISTRIBUTED ANTENNA SYSTEM,”

filed with the United States Patent and Trademark Office on June 27, 2013

and assigned serial no. 13/929,081.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we 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 application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, 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 application;
 - (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

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- (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 United States 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 application if said information is not available at the time of the execution of this Assignment.

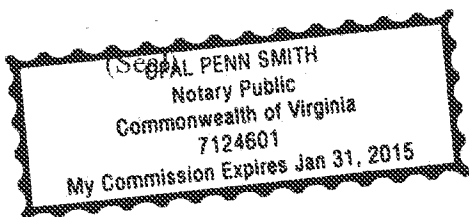
Signed on the date indicated beside my signature.

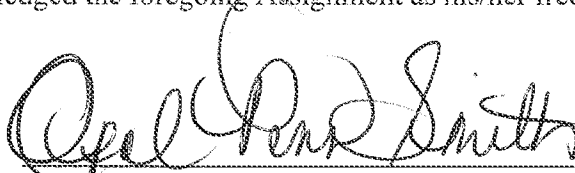
Signature: 
CHRISTOPHER GOODMAN RANSON

Date: June 27 2013

STATE OF Virginia
COUNTY OF Bellford

Before me, a Notary Public in and for the State of Virginia, on this 27th day of June, 20 13, personally appeared **CHRISTOPHER GOODMAN RANSON**, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.




NOTARY PUBLIC

My Commission Expires:

January 31, 2015

ASSIGNMENT

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Signed on the date indicated beside my signature.

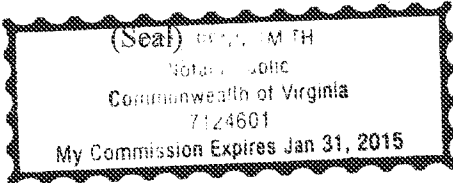
Signature: *Gregory A. Maca*

GREGORY ALLAN MACA

Date: 6-27-2013

STATE OF Virginia
COUNTY OF Bedford

Before me, a Notary Public in and for the State of Virginia, on this 27th day of June, 2013, personally appeared GREGORY ALLAN MACA, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.



Carol Ann Smith
NOTARY PUBLIC

My Commission Expires:

January 31, 2015

ASSIGNMENT

U.S. Serial No. 13/929,081

Attorney Docket No. 62508-866254 (2387 US)

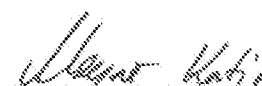
Page 5 of 5.

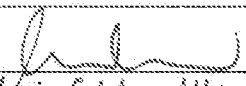
Signed on the date indicated beside my signature.

Signature: 
THOMAS KUMMETZ

Date: 1-26-14

Witnesses:

1. Signed: 
Printed Name: Meyer Katja
Address: Industriestraße 10
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