

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jonathon C. Veihl</td> <td>05/21/2013</td> </tr> <tr> <td>Martin L. Zimmerman</td> <td>05/29/2013</td> </tr> <tr> <td>GuoLong XU</td> <td>05/24/2013</td> </tr> <tr> <td>Zhongcao Yang</td> <td>05/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jonathon C. Veihl	05/21/2013	Martin L. Zimmerman	05/29/2013	GuoLong XU	05/24/2013	Zhongcao Yang	05/22/2013
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Martin L. Zimmerman	05/29/2013										
GuoLong XU	05/24/2013										
Zhongcao Yang	05/22/2013										
RECEIVING PARTY DATA											
Name:	Andrew LLC										
Street Address:	1100 CommScope Place SE										
City:	Hickory										
State/Country:	NORTH CAROLINA										
Postal Code:	28602										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13771474</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13771474						
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CORRESPONDENCE DATA											
Fax Number:	3126551501										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	7836-116134 (307836-452)										
NAME OF SUBMITTER:	Gerald T. Shekleton										
Signature:	/Gerald T. Shekleton/										

Date:

06/20/2013

Total Attachments: 3

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ASSIGNMENT

WHEREAS, the below named inventors, ASSIGNORS, have made a certain new and useful invention in:

SHARED ANTENNA ARRAYS WITH MULTIPLE INDEPENDENT TILT

for which a patent application has been filed on February 20, 2013 and received Serial No. 13/771,474 and WHEREAS, Andrew LLC, having a place of business at 1100 CommScope Place SE, Hickory, NC. 28602, a Delaware Corporation, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application, including the rights in prior applications 61/600,949, 61/601,887 and 61/612,137.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all the divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other International agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

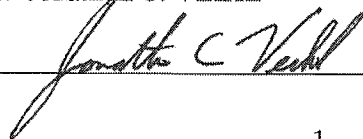
ASSIGNORS authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNORS covenant and agree that they have full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNORS further covenant and agree that they will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full Name of inventor: Jonathon C. VEIHL

Inventor's Signature: _____



Date: _____

5/21/13

7836-116134

Residence: 701 Lisson Grove
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US
Citizenship: US

Full Name of inventor: Martin L. ZIMMERMAN

Inventor's Signature: Martin L. Zimmerman Date: 29 May 2013
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Citizenship: US

Full Name of inventor: GuoLong XU

Inventor's Signature: _____ Date: _____
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Citizenship: CN

Full Name of inventor: Zhongcao YANG

Inventor's Signature: _____ Date: _____
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Additional pages listing additional inventors attached: No


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Full Name of inventor: Martin L. ZIMMERMAN

Inventor's Signature: _____ Date: _____
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Full Name of inventor: GuoLong XU

Inventor's Signature:  _____ Date: 2013.5.24
Inventor: 27 #503, Huanmingjia, No. 1599 Tong Da Lu,
Wu Zhong Qu
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Citizenship: CN

Full Name of inventor: Zhongcao YANG

Inventor's Signature:  _____ Date: 2013.5.22
Inventor: Suzhou, Jiangsu, China 215124
CN
Citizenship: CN

Additional pages listing additional inventors attached: No