

Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2012)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS 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)

Igor Timofeev
Martin Zimmerman
Huy Cao
Yanping Hua

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Andrew LLC

Internal Address: _____

Street Address: 1100 CommScope Place SE

City: Hickory

State: North Carolina

Country: USA Zip: 28602

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/10/2009 and 11/13/2009

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

13/127,592

This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Robert C. Klinger

Internal Address: _____

Street Address: 2591 Dallas Parkway Suite 300

City: Frisco

State: TX Zip: 75034

Phone Number: 214-497-0468

Fax Number: 972-372-0004

Email Address: r.klinger@grandcom.net

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40

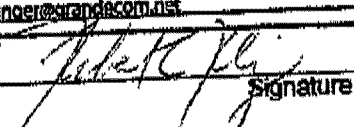
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-5083

Authorized User Name PARAMORE
(LAW OFFICE Robert C. Klinger)

9. Signature:


Signature

May 4, 2011
Date

Robert C. Klinger
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 505083 13127592

PATENT

REEL: 026445 FRAME: 0011

700465173

ATTORNEY'S DOCKET NO.
CommScope 1001

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, Andrew LLC, a corporation organized and existing under the laws of the State of Arizona, with its principal office at 1100 CommScope Place, SE, Hickory, North Carolina 28602 may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said Andrew LLC, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said Andrew LLC, as assignee of my entire right, title and interest.

I also hereby sell and assign to Andrew LLC, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said Andrew LLC, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said Andrew LLC, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year:

TITLE OF INVENTION	DUAL-BEAM SECTOR ANTENNA AND ARRAY		
SIGNATURE OF INVENTOR AND NAME	(1) <i>Igor Timofeev</i> Igor Timofeev	(2) <i>Martin Zimmerman</i> Martin Zimmerman	(3) <i>Huy Cao</i> Huy Cao
DATE	10 November, 2009	10 November, 2009	10 November, 2009
RESIDENCE (City, State)	Dallas, Texas	Chicago, Illinois Dallas, Texas	Garland, Texas

After recording return Assignment to:

Robert C. Klinger
2591 Dallas Parkway, Suite 300
Frisco, TX 75034

PATENT

REEL: 026445 FRAME: 0012

ATTORNEY'S DOCKET NO.
CommScope 1001

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

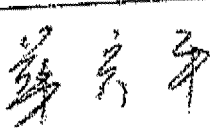
WHEREAS, Andrew LLC, a corporation organized and existing under the laws of the State of Arizona, with its principal office at 1100 CommScope Place, SE, Hickory, North Carolina 28602 may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said Andrew LLC, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said Andrew LLC, as assignee of my entire right, title and interest.

I also hereby sell and assign to Andrew LLC, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said Andrew LLC, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said Andrew LLC, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year:

TITLE OF INVENTION	DUAL-BEAM SECTOR ANTENNA AND ARRAY		
SIGNATURE OF INVENTOR AND NAME	(4)  Yanping Hua	(5)	(6)
DATE	13 Nov 09		
RESIDENCE (City, State)	SIP, Suzhou, Jiangsu China		

After recording return Assignment to:

Robert C. Klinger
2591 Dallas Parkway, Suite 300
Frisco, TX 75034