

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2626078

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>CHRIS RANSON</td> <td>12/13/2012</td> </tr> <tr> <td>FRED WILLIAM PHILLIPS</td> <td>12/13/2012</td> </tr> <tr> <td>THOMAS KUMMETZ</td> <td>12/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	CHRIS RANSON	12/13/2012	FRED WILLIAM PHILLIPS	12/13/2012	THOMAS KUMMETZ	12/14/2012		
Name	Execution Date										
CHRIS RANSON	12/13/2012										
FRED WILLIAM PHILLIPS	12/13/2012										
THOMAS KUMMETZ	12/14/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ANDREW LLC</td> </tr> <tr> <td>Street Address:</td> <td>1100 COMMSCOPE PLACE SE</td> </tr> <tr> <td>City:</td> <td>HICKORY</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>28602</td> </tr> </table>		Name:	ANDREW LLC	Street Address:	1100 COMMSCOPE PLACE SE	City:	HICKORY	State/Country:	NORTH CAROLINA	Postal Code:	28602
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>14087805</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14087805						
Property Type	Number										
Application Number:	14087805										
CORRESPONDENCE DATA											
Fax Number:	(513)241-6234										
Phone:	513-241-2324										
Email:	ldaniel@whe-law.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	WOOD, HERRON & EVANS, LLP (COMMSCOPE/AND										
Address Line 1:	2700 CAREW TOWER										
Address Line 2:	441 VINE STREET										
Address Line 4:	CINCINNATI, OHIO 45202										
ATTORNEY DOCKET NUMBER:	ANCO-170USDV										
NAME OF SUBMITTER:	KURT A. SUMME										
Signature:	/Kurt A. Summe/										

Date:

11/22/2013

Total Attachments: 10

source=Assignment1#page1.tif

source=Assignment1#page2.tif

source=Assignment1#page3.tif

source=Assignment1#page4.tif

source=Assignment1#page5.tif

source=Assignment2#page1.tif

source=Assignment2#page2.tif

source=Assignment2#page3.tif

source=Assignment2#page4.tif

source=Assignment2#page5.tif

ASSIGNMENT

WHEREAS we, CHRIS RANSON, a citizen of the United States of America, residing at 465 Carrie Lane, Concord, VA 24538, and FRED WILLIAM PHILLIPS, a citizen of the United States of America, residing at 212 Kingston Drive, Forest, VA 24551; and THOMAS KUMMETZ, a citizen of the United States of America, residing at Hunnenring 6, Kissing, Bavaria State, Germany 86438 (hereinafter referred to as "ASSIGNORS"), have invented an invention entitled a **TRANSPORT DATA REDUCTION FOR DAS SYSTEMS**, for which two Applications for Letters Patent were filed, as listed on the attached Appendix A (hereinafter referred to as "Applications"), and will file further Applications in the U.S. and outside of the United States.

WHEREAS, ASSIGNORS have assigned and have an obligation to further execute an Assignment of the invention and Applications to Andrew LLC, a corporation organized under the laws of the State of Delaware, and having its principal office at 1100 CommScope Place SE, Hickory, NC 28602, (hereinafter referred to as "ASSIGNEE"), and whereas ASSIGNEE is desirous of memorializing the Assignment in this document for recordation and other purposes:

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, we the said ASSIGNORS, have assigned, sold, and transferred, and hereby sell, assign, and 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 Applications, including the said United States application and all divisions, renewals, and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations 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 and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union, 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 protection, including, without limitation, patents, utility models and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof;

And we further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time

present to us and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto.

And we further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense.

ASSIGNORS HEREBY 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.

ASSIGNORS HEREBY grant the firm of Wood, Herron & Evans, LLP, the power to insert in this Assignment any further identification or information, including Serial No. and/or Filing date in spaces that follow, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

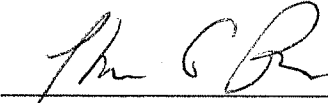
Serial No.: _____ Filing Date: _____

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

ASSIGNORS HEREBY further covenant and agree that they will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination, and foreign

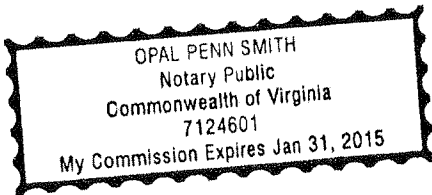
applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Dated: December 13, 2012

By: 
CHRIS RANSON

STATE OF Virginia)
COUNTY OF Bedford)

Sworn to and subscribed before me this 13th day of December, 2012.



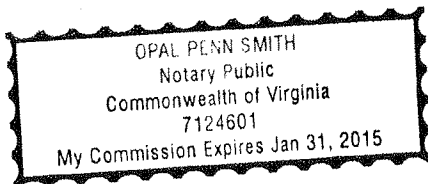

Notary Public

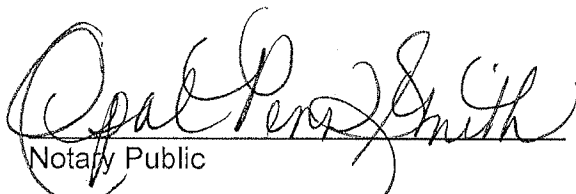
Dated: December 13, 2012

By: 
FRED WILLIAM PHILLIPS

STATE OF Virginia)
COUNTY OF Bedford)

Sworn to and subscribed before me this 13th day of December, 2012.




Notary Public

Date

THOMAS KUMMETZ

Date

Witness

APPENDIX A

<u>Application Serial No.</u>	<u>Application Type</u>	<u>Filing Date</u>	<u>Title</u>
61/356,097	U.S. Provisional Application	06/18/2010	TRANSPORT DATA REDUCTION FOR DAS SYSTEMS
PCT/US2011/041076	U.S. PCT Application	06/20/2011	TRANSPORT DATA REDUCTION FOR DAS SYSTEMS

ASSIGNMENT

WHEREAS we, CHRIS RANSON, a citizen of the United States of America, residing at 465 Carrie Lane, Concord, VA 24538, and FRED WILLIAM PHILLIPS, a citizen of the United States of America, residing at 212 Kingston Drive, Forest, VA 24551; and THOMAS KUMMETZ, a citizen of the United States of America, residing at Hunnenring 6, Kissing, Bavaria State, Germany 86438 (hereinafter referred to as "ASSIGNORS"), have invented an invention entitled a **TRANSPORT DATA REDUCTION FOR DAS SYSTEMS**, for which two Applications for Letters Patent were filed, as listed on the attached Appendix A (hereinafter referred to as "Applications"), and will file further Applications in the U.S. and outside of the United States.

WHEREAS, ASSIGNORS have assigned and have an obligation to further execute an Assignment of the invention and Applications to Andrew LLC, a corporation organized under the laws of the State of Delaware, and having its principal office at 1100 CommScope Place SE, Hickory, NC 28602, (hereinafter referred to as "ASSIGNEE"), and whereas ASSIGNEE is desirous of memorializing the Assignment in this document for recordation and other purposes:

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, we the said ASSIGNORS, have assigned, sold, and transferred, and hereby sell, assign, and 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 Applications, including the said United States application and all divisions, renewals, and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations 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 and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union, 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 protection, including, without limitation, patents, utility models and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof;

And we further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time

present to us and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto.

And we further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense.

ASSIGNORS HEREBY 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.

ASSIGNORS HEREBY grant the firm of Wood, Herron & Evans, LLP, the power to insert in this Assignment any further identification or information, including Serial No. and/or Filing date in spaces that follow, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Serial No.: _____ Filing Date: _____

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

ASSIGNORS HEREBY further covenant and agree that they will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination, 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.

Dated: _____

By: _____
CHRIS RANSON

STATE OF _____)

COUNTY OF _____)

Sworn to and subscribed before me this _____ day of _____, 2012.

Notary Public

Dated: _____

By: _____
FRED WILLIAM PHILLIPS

STATE OF _____)

COUNTY OF _____)

Sworn to and subscribed before me this _____ day of _____, 2012.


Notary Public

14-Dec-12

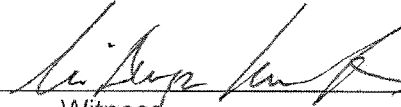
Date

14-12-12

Date



THOMAS KUMMETZ



Witness

APPENDIX A

<u>Application Serial No.</u>	<u>Application Type</u>	<u>Filing Date</u>	<u>Title</u>
61/356,097	U.S. Provisional Application	06/18/2010	TRANSPORT DATA REDUCTION FOR DAS SYSTEMS
PCT/US2011/041076	U.S. PCT Application	06/20/2011	TRANSPORT DATA REDUCTION FOR DAS SYSTEMS