

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Khalid W. Al-Mufti</td> <td>11/13/2012</td> </tr> <tr> <td>Suryanarayana Kalenahalli</td> <td>11/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Khalid W. Al-Mufti	11/13/2012	Suryanarayana Kalenahalli	11/13/2012
Name	Execution Date						
Khalid W. Al-Mufti	11/13/2012						
Suryanarayana Kalenahalli	11/13/2012						
RECEIVING PARTY DATA							
Name:	Andrew LLC						
Street Address:	1100 CommScope Place SE						
Internal Address:	PO Box 339						
City:	Hickory						
State/Country:	NORTH CAROLINA						
Postal Code:	28603-0339						
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>13678888</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13678888		
Property Type	Number						
Application Number:	13678888						
CORRESPONDENCE DATA							
Fax Number:	2027767801						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	.						
Email:	leponder@duanemorris.com						
Correspondent Name:	Duane Morris LLP						
Address Line 1:	505 9th Street, N.W.						
Address Line 2:	Suite 1000						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20004						
ATTORNEY DOCKET NUMBER:	AND01 166						
NAME OF SUBMITTER:	Mark C. Comtois						
Total Attachments: 2 source=166Assgnmt#page1.tif source=166Assgnmt#page2.tif							

CH \$40.00 13678888

## ASSIGNMENT

Insert Name(s) of

Inventor(s)

Khalid W. AL-MUFTI

Suryanarayana KALENAHALI

In consideration for good and valuable considerations, the receipt of which is acknowledged by each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

Insert name of Assignee

Andrew LLC

Insert address of Assignee

1100 CommScope Place SE

P.O. Box 339

Hickory, NC 28603-0339

and its successors, legal representatives and assigns (hereinafter designated as the Assignee) the entire right, title and interest in the invention disclosed and/or claimed in the United States application identified below, as well as all applications for patent and any Letters Patent which may be granted therefore in the United States of America and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part of said applications, or re-issues or extensions of said patents or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property:

Insert Identification of  
application

ENHANCING A-GPS LOCATION ACCURACY AND  
YIELD WITH LOCATION MEASUREMENT UNITS  
AND NETWORK TIMING MEASUREMENTS

Docket Number, or Foreign  
Application Number

Docket No. (AND01 166)

Insert date of signing of  
application

Alternative identification  
for filed applications

Application Number: \_\_\_\_\_  
Filed: \_\_\_\_\_

The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications including, without limitation, the execution of separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that he/she has (they have) full right to convey the entire interest herein assigned, and that he/she has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to Mark C. Comtois, Reg. No. 46,285; D. Joseph English, Reg. No. 42,514; and Patrick D. McPherson, Reg. No. 46,255, and all other associated with Customer No. 79172, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 11/13/2012

Signature of Inventor Khalid Mufti  
Khalid W. AL-MUFTI

Date 11/13/2012

Signature of Inventor Ananth K.S.  
Suryanarayana KALENAHALLI