## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
THOMAS B. GRAVELY	03/21/2013
MORGAN C. KURK	03/25/2013
OLUWATOSIN O. OSINUSI	03/21/2013

## **RECEIVING PARTY DATA**

Name:	ANDREW LLC
Street Address:	1100 COMMSCOPE PLACE, S.E.
City:	HICKORY
State/Country:	NORTH CAROLINA
Postal Code:	28602

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13835652

# **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	62508-868484
NAME OF SUBMITTER:	Lucy Kimsey
Signature:	/Lucy Kimsey/

**PATENT REEL: 030348 FRAME: 0787** 

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Date:	05/03/2013
Total Attachments: 5 source=868484_Assignment#page1.tif source=868484_Assignment#page2.tif source=868484_Assignment#page3.tif source=868484_Assignment#page4.tif source=868484_Assignment#page5.tif	

#### ASSIGNMENT

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

"INTERCEPTOR SYSTEM FOR CHARACTERIZING DIGITAL DATA IN TELECOMMUNICATION SYSTEM,"

filed with the United States Patent and Trademark Office on March 15, 2013 and assigned serial no. 13/835,652.

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
  - (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

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(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.

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Signed on the date indicated beside my signature.

Signature: THOMAS B. GRAVELY

Date: 3/31/13

STATE OF Virginia COUNTY OF Loudown

Before me, a Notary Public in and for the State of Virginia, on this 21 day of March, 2013, personally appeared THOMAS B. GRAVELY, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(Seal)

My Commission Expires:

NOTARY PUBLIC
Commonwealth of Virginia
Commonwealth of Virginia

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Signed on the date indicated beside my signature.

Signature: //////MORGAN C. KURK

STATE OF TEXAS

COUNTY OF Collin

Before me, a Notary Public in and for the State of Texas, on this 25 day of MARCH, 2013, personally appeared MORGAN C. KURK, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(Seal)

My Commission Expires:

LILLIAN A. SMILEY Votary Public, State of Taxas My Commission Expires August 19, 2014

ASSIGNMENT U.S. Serial No. 13/835,652 Attorney Docket No. 62508/868484 Page 5 of 5

Signed on th	e date indicated beside my signatur	e.	<i>y</i>
Signature: _	54.	Date	: 3-21-13
(	DLUWATOSIN O. OSINUSI		
STATE OF	VA		
COUNTY O	VA F LOUDOUN		
Befor	re me, a Notary Public in and for th	ne State of Virgini	$\frac{1}{6}$ , on this $\frac{2}{2}$ day of
	, 20 <u>/3</u> , personally appeared		
duly sworn,	signed and acknowledged the foreg	oing Assignment as h <i>Tencedius</i> Hambus	/ )
(Seal	) NC	TARY PUBLIC  Commission Expir	11 8
	·	9/20/20	772

Marcadies Kimberly Perry NOTARY PUBLIC Commonwealth of Virginia My Commission Expires 9/39/2016

> PATENT REEL: 030348 FRAME: 0793

**RECORDED: 05/03/2013**