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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS KUMMETZ	03/19/2013
STEFAN EISENWINTER	03/19/2013

RECEIVING PARTY DATA

Name:	ANDREW LLC	
Street Address:	1100 COMMSCOPE PLACE SE	
City:	HICKORY	
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Postal Code:	28602	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15421600

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2274/100.1419US02
NAME OF SUBMITTER:	DANIELLE N. SUESS
SIGNATURE:	/Danielle N. Suess/
DATE SIGNED:	02/01/2017

Total Attachments: 4

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ASSIGNMENT

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

"DETECTING PASSIVE RF COMPONENTS USING RADIO FREQUENCY IDENTIFICATION TAGS."

filed with the United States Patent and Trademark Office on March 13, 2013

and assigned serial no. 13/798,517.

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 data inicated beside my signature. Date: 19-March-13 Signature: THOMAS KUMMETZ Wimesses: ١. Signed: Printed Name: Address: Hormanerstrasse 7 86688 Harxheim Signed: 2. Printed Name: Address: Hilaria-Lechner-Str. 13 86690 Hertingen

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Signed on the date indicated beside my signature.

Signature: STEFAN EISENWINTER

Date: 19-03-2013

Witnesses:

I. Signed:

Printed Name: Address:

Thomas Kummetz Hungerrings 86438 Küsing

Germany

2. Signed:

Printed Name:

Address:

Meyer Katja

Hilaria - dechner - Str. 13

PATENT REEL: 041144 FRAME: 0078

RECORDED: 02/01/2017