

TRADEMARK ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
E. Ritter Communications Holdings, Inc.		12/11/2012	CORPORATION: ARKANSAS

**RECEIVING PARTY DATA**

Name:	CoBank, ACB, as Administrative Agent
Street Address:	5500 S. Quebec Street
City:	Greenwood Village
State/Country:	COLORADO
Postal Code:	80111
Entity Type:	Federally Chartered Bank: UNITED STATES

**PROPERTY NUMBERS Total: 8**

Property Type	Number	Word Mark
Serial Number:	85681998	QUANTUMCLOUD
Serial Number:	85508013	Q U A N T U M
Serial Number:	85681994	QUANTUM-E
Serial Number:	85681827	QUANTUMTALK
Serial Number:	85681772	QUANTUMCONNECT
Serial Number:	85681499	QUANTUMNET
Serial Number:	85460895	RIGHT BY YOU
Serial Number:	85460855	TUBETOWN

**CORRESPONDENCE DATA**

Fax Number: 4048538806  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

Phone: 404-853-8121  
 Email: julie.murphy@sutherland.com

CH \$215.00 85681998

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Address Line 4: Atlanta, GEORGIA 30309-3996

ATTORNEY DOCKET NUMBER: 10801-0355

NAME OF SUBMITTER: Jessica Rissmiller

Signature: /Jessica Rissmiller/

Date: 12/13/2012

Total Attachments: 4  
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**GRANT OF SECURITY INTEREST  
IN PATENTS AND TRADEMARKS**

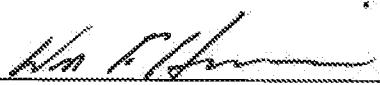
**WHEREAS, E. RITTER COMMUNICATIONS HOLDINGS, INC.** (“Grantor”) is the owner of the trademarks and service marks listed on **Schedule A** attached hereto, which marks are registered or have pending registrations in the United States Patent and Trademark Office as set forth on **Schedule A** attached hereto (all such trademarks, service marks, registrations and applications, collectively, the “**Trademarks**”) and is the owner of the patents listed on **Schedule A** attached hereto, which patents are registered or have pending applications in the United States Patent and Trademark Office as set forth on **Schedule A** attached hereto (all such patents, registrations and applications, collectively, the “**Patents**”); and

**WHEREAS,** Grantor has entered into a Pledge and Security Agreement (as amended, modified, restated or supplemented from time to time, the “**Pledge Agreement**”), dated as of December 11, 2012 in which Grantor has agreed with CoBank, ACB, as the Administrative Agent (the “**Administrative Agent**”), with offices at 5500 S. Quebec Street, Greenwood Village, Colorado 80111, to execute this grant of security interest;

**NOW, THEREFORE,** for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as security for the payment and performance of the Secured Obligations (as defined in the Pledge Agreement), Grantor does hereby grant to the Administrative Agent a security interest in all of its right, title and interest in and to the Trademarks and the Patents, and the use thereof, together with all proceeds and products thereof and the goodwill of the businesses symbolized by the Trademarks. This Grant of Security Interest has been given in conjunction with the security interest granted to the Administrative Agent under the Pledge Agreement, and the provisions of this grant are without prejudice to and in addition to the provisions of the Pledge Agreement, which are incorporated herein by this reference.

[Signature follows on next page.]

**E. RITTER COMMUNICATIONS HOLDINGS,  
INC.**

By:   
\_\_\_\_\_  
William F. Harrison  
Secretary/Treasurer

[Signature Page to Grant of Security Interest in Patents and Trademarks]

Schedule A

**TRADEMARKS AND TRADEMARK APPLICATIONS**

Grantor	Mark (Tradename)	Registration No.	Country	Filing Date
E. Ritter Communications Holdings, Inc. dba Ritter Communications	The literal element of the mark consists of Tubetown. The color(s) blue, red, green, and black is/are claimed as a feature of the mark. The mark consists of a circle with a curved letter T creating a break in the border of the circle and dividing it into three sections. The top portion of the circle is in the color blue (PANTONE solid uncoated 072 U), clockwise from the top section, the next section is in the color green (PANTONE solid uncoated 356 U), followed by the final section in the color red (PANTONE solid uncoated 1797 U). The word Tubetown is underneath the circle with the letter T capitalized and the remaining letters in lower case. The word Tubetown is in gradations of the color black.	Reg. No. 4,167,308 Serial#85-460,855	USA	Filed on 10/31/11
E. Ritter Communications Holdings, Inc. dba Ritter Communications	Right by You – The mark consists of standard characters without claim to any particular font, style, size or color.	Reg. No. 4,167,309 Ser. No. 85-460,895	USA	Filed on 10/31/11
E. Ritter Communications Holdings, Inc. dba Ritter Communications	Quantum - THE MARK CONSISTS OF THE WORD "QUANTUM" IN ALL CAPITAL LETTERS WITH THE LETTER "A" OF "QUANTUM" FORMED BY AN INVERTED LETTER "V" AND THE ENTIRE WORD "QUANTUM" UNDER AN ARC WITH A CIRCLE AT EACH END OF THE ARC.	Reg. No. 4,216,871 Ser. No. 85-508-013	USA	Filed on 1/3/12

Grantor	Mark (Tradename)	Registration No.	Country	Filing Date
E. Ritter Communications Holdings, Inc. dba Ritter Communications	MARK: QuantumNet (Standard Characters, mark.jpg). The literal element of the mark consists of QuantumNet. The mark consists of standard characters, without claim to any particular font, style, size, or color.	Serial No. 85681499	USA	Application under review
E. Ritter Communications Holdings, Inc. dba Ritter Communications	MARK: QuantumTalk (Standard Characters, mark.jpg).  The literal element of the mark consists of QuantumTalk. The mark consists of standard characters, without claim to any particular font, style, size, or color.	Serial No. 85681827	USA	Application under review
E. Ritter Communications Holdings, Inc. dba Ritter Communications	MARK: QuantumCloud (Standard Characters, mark.jpg) The literal element of the mark consists of QuantumCloud. The mark consists of standard characters, without claim to any particular font, style, size, or color.	Serial No. 85681998	USA	Application under review
E. Ritter Communications Holdings, Inc. dba Ritter Communications	MARK: QuantumConnect (Standard Characters, mark.jpg) The literal element of the mark consists of QuantumConnect. The mark consists of standard characters, without claim to any particular font, style, size, or color.	Serial No. 85681772	USA	Application under review
E. Ritter Communications Holdings, Inc. dba Ritter Communications	MARK: Quantum-E (Standard Characters, mark.jpg)  The literal element of the mark consists of Quantum-E. The mark consists of standard characters, without claim to any particular font, style, size, or color.	Serial No. 85681994	USA	Application under review