### 504582071 10/05/2017

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL L. BUSHMAN	04/15/2015
CHARLES J. DUEY	04/14/2015
JAMES W. CALDWELL	04/14/2015

#### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15725964

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	84448659US09/4368.096US3	
NAME OF SUBMITTER:	CHERYL L. KNAPP	
SIGNATURE:	/Cheryl L. Knapp/	
DATE SIGNED:	10/05/2017	

**Total Attachments: 2** 

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PATENT 504582071 REEL: 043799 FRAME: 0300

#### ASSIGNMENT

WHEREAS, I/We, the undersigned inventor(s) (or one of the undersigned joint inventors), of residence as listed below, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, Futurewei Technologies, Inc. ("Assignee"), a corporation organized and existing under the laws of Texas, with its principal office at 5340 Legacy Drive, Suite 175, Plano, TX 75024 is desirous of acquiring my/our entire right, title and interest in the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive right, title and interest in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisional, reissues, reexaminations, National Phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner for Patents to issue U.S. patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the Assignee agreeably with the terms of this assignment document.

I also hereby sell and assign to Assignee, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Assignee, or its successors, assigns, and legal representative, any facts know to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid such Futurewei, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

Futurewei Technologies, Inc.
Patent Reference No. HUAW07-25034

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# IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

Title of Invention	TAPPED INDUCTOR VOLTAGE CONTROLLED OSCILLATOR		
	Appl. No. 14/659,244	Filing Date: March 16, 2015	
Signature of		The state of the s	
Inventor	Michael LBul		
Inventor Name	Michael L. Bushman		
Date	04/15/2015	************************************	
Residence	764 Crescent Way	THE STATE OF THE S	
(City/State)	, Hanover Park, IL 60133	NO P.	
Signature of	1. 1. 1 B	The effect of the Michigan Control of the Control o	
Inventor	Mary y yum	de actività de la constanta de	
Inventor Name	Charles J. Duey	THE NEW COLD AND WIND AND THE SERVICE STREET	
Date	04/14/2015		
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Signature of	/ /n	The first of the state of the s	
Inventor	Himmell, was brokeld	The state of the s	
Inventor Name	′ James W. Caldwell	The second secon	
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Futurewei Technologies, Inc. Patent Reference No. HUAW07-25034

**RECORDED: 10/05/2017** 

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