

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SHAILENDER POTHARAJU	05/31/2012
RECEIVING PARTY DATA		
Name:	PUREWAVE NETWORKS, INC.	
Street Address:	3951 BURTON DRIVE	
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Postal Code:	95054	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	13492896	
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
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NAME OF SUBMITTER:	TAL THIEBERGER	
SIGNATURE:	/Tal Thieberger/	
DATE SIGNED:	06/13/2014	
Total Attachments: 2		
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source=AssignmentRateAdaptationNPAssigned_withnumbers_image#page2.tif		

ASSIGNMENT OF APPLICATION

WHEREAS, I

Shailender Potharaju

have invented certain new and useful improvements in:

Application Number: 13492896

Filing Date: Concurrently Herewith

Title: SYSTEMS AND METHODS FOR ENHANCING SPECTRAL
EFFICIENCY IN A COMMUNICATION NETWORK

and

WHEREAS, PureWave Networks, Inc.

(hereinafter referred to as "ASSIGNEE"), **3951 Burton Drive, Santa Clara, CA, 95054, USA**, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, for valuable consideration, receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and in any and all foreign countries and in and to any and all divisions, reissues, continuations, CIPs, substitutions and renewals thereof.

I, hereby authorize and request the Patent Office Officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of our entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers,

execute all divisional, continuation, CIP, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

The undersigned hereby grant the ASSIGNEE the power to insert on this assignment any further identification, including application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

May 31, 2012 Shailender Potharaju

/Shailender Potharaju/

Date

Name of Inventor

Signature of Inventor