PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Wayne D. Music	09/27/2007
Thomas Alexander	09/14/2007

RECEIVING PARTY DATA

Name:	VeriWave, Inc.	
Street Address:	8770 SW Nimbus Avenue, Suite B	
City:	Beaverton	
State/Country:	OREGON	
Postal Code:	97008	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11867580	

CORRESPONDENCE DATA

Fax Number: (949)752-7049

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: tkavanaugh@macpherson-kwok.com
Correspondent Name: MacPherson Kwok Chen & Heid LLP
Address Line 1: 2033 Gateway Place, Suite 400
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ATTORNEY DOCKET NUMBER: M-16411 US

NAME OF SUBMITTER: Greg J. Michelson

Total Attachments: 2

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PATENT REEL: 019923 FRAME: 0431

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Attorney Docket No.: M-16411 US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Wayne D. Music of Beaverton, Oregon Thomas Alexander of Mulino, Oregon

hereby sell, assign and transfer to VeriWave, Inc., a Delaware corporation, having a place of business at 8770 SW Nimbus Avenue, Suite B, Beaverton, OR 97008, its successors and assigns, the entire right, title and interest throughout the world in our invention in

CHANNEL IMPAIRMENT EMULATOR SYSTEMS AND METHODS

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this _27	day of	SEPTEMBER	, 2007.
	*	Mason D. M	uni
		Wayne/D. Music	
State of OREGON)		
f') ss		
County of WASHINGTON			
on September	27, 2007.	before me. BARBARA E	E. Stark

personally appeared Wayne D. Music personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

OFFICIAL SEAL
BARBARA E. STARK
NOTARY PUBLIC OREGON
COMMISSION NO. 391739
MY COMMISSION EXPIRES APR. 14, 2009

Signature of NOTAR'

Executed this 4 day of September, 2007.

State of Oregon September 142 2007, before me, Troy Agustin Instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal,

OFFICIAL SEAL TROY AGUSTIN NOTARY PUBLIC OPHEGON COMMISSION NO. 375878

MY COMMISSION EXPIRES DECEMBER 23, 2007