

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARK D REUDINK	11/15/2001
LEE DUNBAR	11/27/2001
BRUCE C ROTHAAAR	11/15/2001
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VECTRAD NETWORK CORP.
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<b>Internal Address:</b>	BUILDING A, SUITE 2110
<b>City:</b>	BOTHELL
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98021
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15643792
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)855-8200
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<b>Email:</b>	karen.evans@nortonrosefulbright.com
<b>Correspondent Name:</b>	R. GREESON/NORTON ROSE FULBRIGHT US LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	NETP.P0006US.C1C111706470
<b>NAME OF SUBMITTER:</b>	ROBERT GREESON
<b>SIGNATURE:</b>	/Robert Greeson/
<b>DATE SIGNED:</b>	07/11/2017
<b>Total Attachments: 6</b>	
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**PATENT**

**REEL: 042968 FRAME: 0109**

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Mark D. Reudink; Lee Dunbar; and Bruce C. Rothaar (hereinafter referred to as Assignors), residing at 6550 18<sup>th</sup> Avenue NE, Seattle, Washington 98115; 23107 49th Avenue SE, Bothell, Washington 98021; and 24033 47th Avenue SE, Woodinville, Washington 98072, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in **SYSTEM AND METHOD FOR STACKING RECEIVER CHANNELS FOR INCREASED SYSTEM THROUGH-PUT IN AN RF DATA TRANSMISSION SYSTEM**, set forth in a Patent application for Letters Patent of the United States, already filed on September 25, 2001 as U.S. application No. 09/962,845; and

**WHEREAS**, Vectrad Networks Corporation, a small entity, organized under and pursuant to the laws of Washington, having its principal place of business at 21520 30th Drive SE; Bldg. A, Suite 2110; Bothell, Washington 98021 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

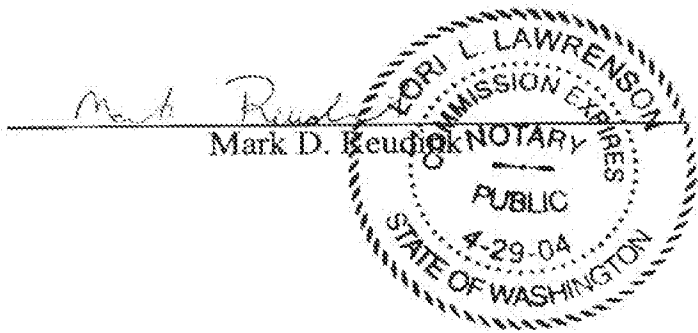
**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

with the rules of the United States Patent and Trademark Office for recordation of this document:

FULBRIGHT & JAWORSKI L.L.P.

Jody C. Bishop	44,034	Jerry L. Mahurin	34,661	David H. Tannenbaum	24,745
Michael J. Fogarty, III	42,541	Thomas J. Meaney	41,990	William B. Tiffany	41,347
Leslie S. Garmaise	47,587	Michael A. Papalas	40,381	R. Ross Viguie	42,203
Matthew D. Jones	44,810				

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.



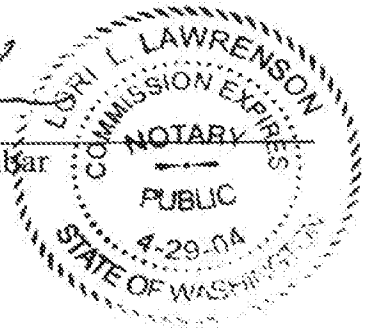
Date: 11/15/01

United States of America )  
State of Washington ) ss.:  
County of King )

On this 15<sup>th</sup> day of November, 2001, before me  
personally came Mark D. Reudink, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

Jean L. Lawrenson  
Notary Public

Lee Dunbar  
Lee Dunbar



Date: 11-27-01

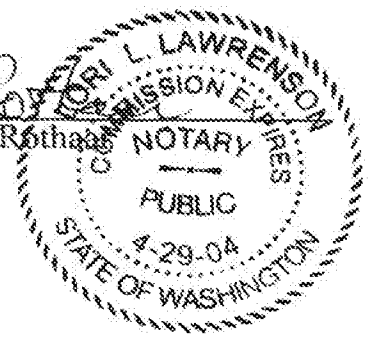
United States of America )  
State of Washington ) ss.:  
County of King )

On this 2<sup>nd</sup> day of November, 2001, before me  
personally came Lee Dunbar, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

L. L. Lawrenson  
Notary Public

Bruce C. Rothaar

Bruce C. Rothaar



Date: 11-15-01

United States of America )  
State of Washington ) ss.:  
County of King )

On this 15<sup>th</sup> day of November, 2001, before me  
personally came Bruce C. Rothaar, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

Lori L. Lawrenson  
Notary Public