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## RDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof Name of conveying party(ies): Name and address of receiving party(ies) November 15, 2001 Mark D. Reudink; Name: Vectrad Network Corp. Bruce C. Rothaar; November 15, 2001 Lee Dunbar; November 27, 2001 Internal Address: Street Address: Additional name(s) of conveying party(ies) 21520 30th Drive SE Building A, Suite 210 3. Nature of Conveyance: x Assignment Merger Security Agreement Change of Name City: Bothell Other WA State: Zip: 98021 Additional name(s) & see Box 1, conveying parties Execution Date: No Yes address(es) attached: Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): B. Patent No.(s): 09/962,845 Additional numbers attached? Yes х Total number of applications and Name and address of party to whom correspondence concerning document should be mailed: patents involved: Name: Jerry L. Mahurin 7. Total fee (37 CFR 3.41) 40.00 FULBRIGHT & JAWORSKI L.L.P. Internal Address: Atty. Dkt.: 60783/P006US/10102077 **Enclosed** Street Address: 2200 Ross Avenue Authorized to be charged to deposit account **Suite 2800** 8. Deposit account number: 06-2380 State: Zip: City: (Attach duplicate copy of this page if paying by deposit account) TΧ Dallas DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. December 19, 2001 Jerry L. Mahurin Date Signature Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 02/07/2002 TDIAZ1 00000136 09962845 01 FC:581 40.00 DD **Recordation Form Cover Sheet** I hereby certify that this corresponderice is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an Box Assignments, Commissioner for Patents, Washington, DC 20231, on the date shown below. envelope addressed to: Dated: December 19, 2001 Signature:

## 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

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PATENT REEL: 012546 FRAME: 0618 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

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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 Viguet	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.

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State of Shire that series and series are 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.

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**RECORDED: 01/22/2002** 

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