

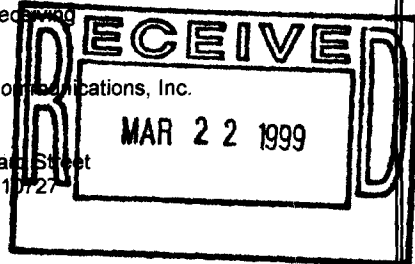
06-01 -1999

FORM PTO-1595
1-31-92

101020964

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No.: 256002AATo the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Roger R. Skidmore Theodore S. Rappaport</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <p>3-22-99</p> <p>3. Nature of Conveyance</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: December 29, 1998</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Wireless Valley Communications, Inc. Internal Address:</p> <p>Street Address: 104 Hubbard Street P.O. Box 10727 City: Blacksburg, Virginia Country: USA</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
<p>4. Application number(s) or patent number(s): Title: SYSTEM FOR CREATING A COMPUTER MODEL AND MEASUREMENT DATABASE OF A WIRELESS COMMUNICATION NETWORK</p> <p>If this document is being filed together with a new application, the execution date of the application is _____</p> <p>A. Patent Application No(s). 09/221,985 filed December 29, 1998 B. Patent No. _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Michael E. Whitham Whitham, Curtis & Whitham Reston International Center 11800 Sunrise Valley Drive Suite 900 Reston, Virginia 20191</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$ 40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number: 23-1951</p>
<p>9. Statement and signature</p> <p>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.</p> <p><u>Michael E. Whitham</u> <u><i>Michael E. Whitham</i></u> <u>March 22, 1999</u> Name of Person Signing Signature Date</p> <p>Total number of pages including cover sheet: <u>3</u></p> <p>03/25/1999 INGIYEN 00000053 092219A5</p> <p>01 FC: 81 40.00 OP</p>	

40E
NO SPEC
FeePATENT
REEL: 9824 FRAME: 0647

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00), and of other good and valuable consideration paid to the undersigned (hereinafter called ASSIGNOR) by

WIRELESS VALLEY COMMUNICATIONS, INC.

(hereinafter called ASSIGNEE), the receipt of which is hereby acknowledged, the ASSIGNOR hereby sell, assign and transfer to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the invention entitled, **SYSTEM FOR CREATING A COMPUTER MODEL AND MEASUREMENT DATABASE OF A WIRELESS COMMUNICATION NETWORK**, for which an application for Letters Patent of the United States was executed on even date herewith; and all Letters Patent of the United States and corresponding Foreign patents to be obtained therefore on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.


THE ASSIGNOR agrees to execute all papers necessary in connection with this application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

THE ASSIGNOR agrees to execute all papers necessary in connection with any interference or litigation which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereof and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

IN WITNESS WHEREOF, the undersigned has affixed his signature.

SIGNED

Date Dec 29, 1998


ROGER R. SKIDMORE

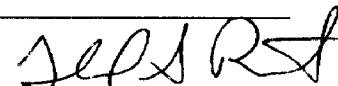
State of Virginia

County of _____

Subscribed and sworn to before me by Roger R. Skidmore this ____ day of _____, 1998.

Notary Public

Date Dec. 29, 1998

 12/29/98
Theodore S. Rappaport

State of Virginia

County of _____

Subscribed and sworn to before me by Theodore S. Rappaport this ____ day of _____, 1998.

Notary Public