FORM PTO-1535 1-31-92 DEC 1 2 2000 RECORDATION PATE To the Honorable Commissioner of Patents and Trademarks.	12-29-2000 U.S. D.PARTMENT OF COMMERCI Patent and Trademark Office 101566449 Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies) Robert Cummings and	 2. Name and address of receiving party(ies): Name: Patent Holdings, L.L.C. Street Address: 1113 Stratford Drive (2-12-00) 	
 3. Nature of Conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: August 29, 2000 	City Richardson State TX Zip 75080 Additional name(s) & address(es) attached? Yes X No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the A. Patent Application No.(s): 09/404,553	B. Patent No.(s): 5,994,613 & 5,910,125	
Additional numbers attac	hed? Yes X No	
 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Roger N. Chauza HOWISON, CHAUZA, HANDLEY & ARNOTT, L.L.P. Street Address: P.O. Box 741715 City Dallas State TX Zip 75374-1715 	 6. Total number of applications and patents involved: 3 7. Total fee (37 CFR 3.41): \$ 120.00 X Enclosed Authorized to be charged to deposit account 8. Deposit Account Number: 20-0780/WLAB-25,061 	
	(Attach duplicate copy of this page if paying by deposit account)	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information document. Roger N. Chauza, Reg. No. 29,753 Name of Person Signing Signature	is true and correct and any attached copy is a true copy of the original $\frac{12/08/2000}{Date}$ Total number of pages including cover sheets, attachments and document 4	
OMB No. 0651-0011 (exp. 4/94)		
Do not detact 12/28/2000 GTON11 00000296 09404553 01 FC:581 120.00 OP	h this portion	

PATENT ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Robert Cummings, of 17831 Lost View Road, Collin County, Dallas, Texas 75252; and Gary Wayne Cummings, of 1113 Stratford Drive, Richardson, Dallas County, Texas 75080 (hereinafter "Assignors"), hereby sell, transfer and assign to Patent Holdings, L.L.C., a Texas Limited Liability Company (hereinafter "Assignee") having a principal place of business at 1113 Stratford Drive, Richardson, Texas 75080, its successors and assigns, the entire right, title and interest and all rights of priority throughout the world in the inventions, patents and patent applications identified below:

U.S. Patent No. 5,994,613;
U.S. Patent No. 5,910,125;
U.S. Patent Application Serial No. 09/404,553, filed September 23, 1999;
U.S. Patent Application Serial No. 07/780,619, filed October 23, 1991, now abandoned;
Australian Patent No. 669486;
Canadian Patent Application Serial No. 2122059, filed August 27, 1992;
EPC Patent Application Serial No. 92919672, filed August 27, 1992;
Japanese Patent Application Serial No. 50766493, filed August 27, 1992; now abandoned;
International PCT Application, PCT/US92/07048, filed August 27, 1992.

The Assignors further sell, assign and transfer to the Assignee, its successors and assigns the entire right, title and interest in and to any and all causes of action and rights of recovery for past infringement of the patents and applications identified above.

The terms and conditions of all prior written or oral assignment agreements between Robert Cummings and Gary Wayne Cummings as to royalties, licensing, the sharing of revenues and expenses are hereby revoked and rendered null and void.

PATENT REEL: 011356 FRAME: 0989

IN WITNESS WHEREOF, I have hereunto set my hand this	29 day of
aug, 2000.	

ASSIGNOR Robert Cummin65 Cummings Robert

STATE OF TEXAS

COUNTY OF Dallas

Before me, a Notary Public, on this 29^{H} day of <u>August</u>, 2000, personally appeared Robert W. Cummings, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

§ § §

GIVEN UNDER MY HAND AND SEAL of office this 29th day of August, A.D., 2000.



4/8/02

NOTÁR Commission Expires:

PATENT ASSIGNMENT WLAB-25,351

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PATENT REEL: 011356 FRAME: 0990

ASSIGNOR Wayne Cummings

STATE OF TEXAS COUNTY OF Dallas

Before me, a Notary Public, on this $\underline{29^{+h}}$ day of \underline{August} , 2000, personally appeared Gary Wayne Cummings, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed same of his own free will for the purposes and consideration therein expressed.

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GIVEN UNDER MY HAND AND SEAL of office this $29^{+1/4}$ day of <u>August</u>, A.D., 2000.



Commission Expires:

PATENT ASSIGNMENT WLAB-25,351

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PATENT REEL: 011356 FRAME: 0991

RECORDED: 12/12/2000