Docket No.: EN999055 11-22-1999 FORM PTO-1595 (Modified) **IEET** U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02 MRD 11110 94 101205223 Tab settings -To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2 Name and address of receiving party(ies): Richard R. Hall Candido C. Tiberia Name: International Business Machines Corporation Internal Address: Additional names(s) of conveying party(ies) Yes X No 3. Nature of conveyance: Street Address: New Orchard Road Assignment Merger Security Agreement Change of Name Other City: Armonk State: NY 11/10/99, 11/10/99 Execution Date: 4. Application number(s) or registration numbers(s): 04 | 438036 If this document is being filed together with a new application, the execution date of the application is: 11/10/99A. Patent Application No.(s) B. Patent No.(s) EN999055 Additional numbers attached? ☐ Yes 🔀 No 5. Name and address of party to whom correspondence 6 Total number of applications and patents involved: concerning document should be mailed: Name: Mark Levy 7 Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Suite 606 ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account 11/19/1999 JSHABAZZ 00000075 090457 09438036 01 FC:581 40.00 CH Authorized to be charged to deposit account Street Address: Salzman & Levy 8 Deposit account number: 19 Chenango St. 09-0457 City: Binghamton State: NY ZIP: 13901 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information /s true and correct and any attached copy is a true copy of the original document.

Signature

Total number of pages including cover sheet, attachments, and document:

Lawrence R. Fraley Reg. NO.26,885

Name of Person Signing

REEL: 010385 FRAME: 0623

bu. 10, 1999

Date

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. EN999055

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date		
Richard R. Hall	Gridad Refall 11/10/99		
Candido C. Tiberia	Louding Maler 1110199		
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PATENT REEL: 010385 FRAME: 0624

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)			Docket No. EN999055	
This is an A:	ssignment of the following rights, titl	e and interest: (check all that apply):		
×	United States of America rights, tite	le and interest in the invention		
×				
	United States Patent Application So	erial No.		
	Date of Execution:	Date of Filing:		
	United States Provisional Patent A	nnlication Sorial No		
	United States Patent No(s).			
	International (PCT) Patent Application Serial No.			
	Other (specify)			
Title of the 1	Invention			
Inventors (a	LYING DEVICE ssignors)			
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4ssignee				
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PATENT REEL: 010385 FRAME: 0625