

Form PTO-1595  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> 1) Matthew Joseph Kalos and 2) Richard Anthony Ripberger  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Execution Date</b> 1) November 17, 2004 2) November 17, 2004	<b>2. Name and address of receiving party(ies):</b> International Business Machines Corporation Armonk, New York 10504  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		

<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s): 10/991,770, filed November 17, 2004 B. Patent No.(s): _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  David W. Victor KONRAD RAYNES & VICTOR, LLP 315 S. Beverly Drive, Suite 210 Beverly Hills, CA 90212	<b>6. Total number of applications and patents involved:</b> [ 1 ]
	<b>7. Total fee (37 CFR 3.41).....\$ 40</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account
	<b>8. Deposit account number: 09-0449</b> (Attach duplicate copy of this page if paying by deposit account)

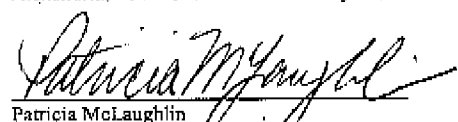
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<b>9. Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.</i>  David W. Victor Name of Person Signing  Signature  January 27, 2005 Date Total number of pages including cover sheet, attachments and executed assignment: [ 3 ]	
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OMB No. 0651-0011 (exp. 4/94)

**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being transmitted by facsimile to Assignment Recordation Services of the U.S. Patent and Trademark Office at 703-306-5995, or being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450 on January 27, 2005.

  
Patricia McLaughlin  
Date 1/27/05

CH \$40.00 090449 10991770

Patent Docket: TUC920040217US1  
Firm No. 0022.0107

ASSIGNMENT

Whereas, we

- (1) Matthew Joseph Kalos of Tucson  
and State of Arizona
- (2) Richard Anthony Ripberger of Tucson  
and State of Arizona

have invented certain improvement in:

INITIATING AND USING INFORMATION USED FOR A HOST, CONTROL UNIT, AND LOGICAL  
DEVICE CONNECTIONS

and executed, respectively, a United States patent application therefore on:

(1) 11/17, 2004 and (2) 11/17, 2004

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New  
York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION),  
desires to acquire the entire right, title and interest in the said application and invention, and to any United  
States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above  
named, hereby sell, assign, and transfer to IBM CORPORATION, its successors and assigns, the entire  
right, title and interest in the said application and invention therein disclosed for the United States and  
foreign countries, and all rights of priority resulting from the filing of said United States application, and I  
request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said  
application to IBM CORPORATION, its successors and assigns; and I hereby agree that IBM  
CORPORATION may apply for foreign Letters Patent on said invention and I will execute all papers  
necessary in connection with the United States and foreign applications when called upon to do so by IBM  
CORPORATION.

Signed and sealed

CITY  
DATE

(1) at Tucson  
on 11/17, 2004

  
Matthew Joseph Kalos

SIGNATURE  
INVENTOR

CITY  
DATE

(2) at Tucson  
on 11/17, 2004

  
Richard Anthony Ripberger

SIGNATURE  
INVENTOR