DOCKET: TUC920040023US1

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US Department of Commerce Patent & Trademark Office

To the Honorable Commissioner for Patents: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): JONATHAN EDWARD BOSLEY AARON LYLE HERRING Name: International Business DANIEL SCOTT MOORE Machines Corporation Street Address: New Orchard Road City: Armonk State: NY ZIP: 10504 Additional name(s) of conveying Additional name(s) & address(es) attached? party(ies) attached __Yes XX No __Yes XX No 3. Nature of conveyance: XX Assignment Execution Date: 04/28/04; 05/03/04; 05/03/04 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No.(s) B. Patent No.(s) 10/839,482 Additional numbers attached? Yes XX No Name and address of party to whom * 6. Total Number of applications and patents correspondence concerning document * involved: <u>One</u> should be mailed: Name: John C. Kennel 7. Total fee (37 CFR 3.41)...... § 40.00 Address: IBM Corporation Enclosed XX Authorized to be charged to Intellectual Property Law * 9000 S. Rita Road(90A/9032)* deposit account

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.

John H. Holcombe

(Duplicate Copy Attached)

Deposit Account Number:

hn M. Holcombe

Tucson, Arizona 85744

Total number of pages including cover sheet, attachments, and document: /-2-/

8.

PATENT REEL: 014879 FRAME: 0474

09-0449

ASSIGNMENT

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Whereas, we

INVENTOR AND CITY

(1) JONATHAN EDWARD BOSLEY

County of Pima

(2) AARON LYLE HERRING

County of Pima

DANIEL SCOTT MOORE

County of Pima

of Tucson,

and State of Arizona,

of Tucson,

and State of Arizona,

of Tucson,

and State of Arizona,

have invented certain improvements in

TITLE

UPDATABLE FIRMWARE HAVING BOOT AND/OR COMMUNICATION REDUNDANCY

DATE THAT INVENTOR SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on

(1) Ag(1 28, 2004; (2) MAY 3, 2004; (3) May 3, 2004.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), 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 therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, 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 inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM 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.

Signed

CITY DATE CITY (2) at Tucson, AZ on <u>MAY 3</u>, 2004 DATE (3) at Tucson, AZ Jamel Sac CITY on Many 3 , 2004 DANIEL SCOTT MOORE DATE

RECORDED: 07/21/2004

on April 78, 2004 JONATHAN EDWARD BOSLEY INVENTOR

> SIGNATURE AARON LYLE HERRING

INVENTOR

SIGNATURE INVENTOR

> **PATENT** REEL: 014879 FRAME: 0475