DOCKET: TUC920030019US1 US Department of Commerce Patent & Trademark Office

102546315 _____ Please record the attached To the Honorable Commissione. original documents or copy thereof.

Name of conveying party(ies): 1.

> Kirby G. DAHMAN Jon A. LYNDS John G. THOMPSON Ricardo L. URBANEJO

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Street Address: New Orchard Road City: Armonk State: NY ZIP: 10504

Additional name(s) of conveying party(ies) attached Yes XX No

Additional name(s) & address(es) attached?

__Yes XX No

10/652/62 3. Nature of conveyance:

> Execution Date: 08/18/03; 08/22/03; 08/07/03; 08/25/03 XX Assignment

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: 08/18/03; 08/22/03; 08/07/03; 08/25/03

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes XX No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Dale F. Regelman

Address: Law Office of Dale F. Regelman

4231 S. Fremont Avenue Tucson, Arizona 85701

09/04/2003 BSAYASI1 00000002 10652162

04 FC:8021

40.00 DP

- Total Number of applications and patents involved: One
- 7. Total fee (37 CFR 3.41)........\$ 40.00 XX Enclosed (Form PTO-2038). Any excess or insufficiency should be credited or debited to deposit account
 - Authorized to be charged to deposit account

 - (Duplicate Copy Attached)

Deposit Account Number:

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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.

Dale F. Regelman

August 29, 2003

Date

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

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ASSIGNMENT

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Whereas, we

(1) Kirby G. Dahman of Tucson, County of Pima and State of Arizona, and (2) Jon A. Lynds of San Jose, County of Santa Clara and State of California, and (3) John G. Thompson of Tucson, County of Pima and State of Arizona, (4) Ricardo L. Urbanejo of Morgan Hill, County of Santa Clara and State of California,

have invented certain improvements in

APPARATUS AND METHOD TO WRITE INFORMATION TO AND/OR READ INFORMATION FROM AN INFORMATION STORAGE MEDIUM

and executed, respectively, a United States patent application therefor on

| (1) | 8-18 | , 2003 | (2) | 8-22 | , | 2003 |
|-----|------|--------|-----|--------|---|-------|
| (3) | _8-7 | , 2003 | (4) | 8 - 25 | | 2003. |

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.

| (1) | at Tucson, AZ | | Luly of Dalman |
|------|---------------|-------|-----------------|
| on . | 8-18 | 2003, | Kirby G. Dahman |

(2) at San Jose, CA
on 8-22, 2003, Jon A. Lynds

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ASSIGNMENT

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(3) at Tucson, AZ on ______, 2003,

John G. Thompson

(4) at Morgan Hill, CA on 8/28 R.L., 2003,

RECORDED: 08/29/2003

Ricardo M. Urbanejo

RLO

PATENT REEL: 014460 FRAME: 0865