

12-31-2002



102324719

DOCKET: TUC920020058US1  
US Department of Commerce  
Patent & Trademark Office

12-23-02

To the Honorable Commissione  
original documents or copy thereof.

Please record the attached

*Resubm*

JG 79 U.S. P. O.  
10/230826  
08/29/02

1. Name of conveying party(ies):  
Kevin L. GIBBLE  
Gregory T. KISHI  
David L. PATTERSON

12-23-02

2. Name and address of receiving party

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  No

Additional name(s) & address(es) attached?  
\_\_\_ Yes  No

3. Nature of conveyance:

Assignment Execution Date: August 28, 2002

4. Application number(s) or patent number(s):

10/230826

If this document is being filed together with a new application, the execution date of  
the application is: August 28, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? \_\_\_ Yes  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

6. Total Number of applications and patents  
involved: One

7. Total fee (37 CFR 3.41).....\$ 40.00  
 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)

8. Deposit Account Number:

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*  
Dale F. Regelman

August 29, 2002  
Date

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

12/30/2002 LNUELLER 00000080 10230826

01 FC:8021 40.00 OP

The PTO did not receive the following  
listed item(s): 40.  
**PATENT**

REEL: 013606 FRAME: 0607

# A S S I G N M E N T

Docket No. TUC920020058US1

Page 1 of 1

Whereas, we

(1) Kevin L. Gible of **Tucson**, County of **Pima** and State of **Arizona**,  
and (2) Gregory T. Kishi of **Oro Valley**, County of **Pima** and State of **Arizona**,  
and (3) David L. Patterson of **Tucson**, County of **Pima** and State of **Arizona**,

have invented certain improvements in

## APPARATUS AND METHOD TO MAINTAIN INFORMATION IN TWO OR MORE VIRTUAL VOLUME AGGREGATES COMPRISING A PLURALITY OF VIRTUAL VOLUMES

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

(1) 2/28, 2002                      (2) 8/28, 2002  
(3) 5/05, 2002.

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**  
on 2/28, 2002,

Kevin L. Gible  
Kevin L. Gible

(2) at **Tucson, AZ**  
on 8/28, 2002,

Gregory T. Kishi  
Gregory T. Kishi

(3) at **Tucson, AZ**  
on 5/05, 2002,

David L. Patterson  
David L. Patterson

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: GIBBLE et al.

SERIAL NO.: 10/230,826

FILED: AUGUST 29, 2002

FOR: APPARATUS AND METHOD TO MAINTAIN ...

DOCKET: TUC920020058US1

U.S. Patent and Trademark Office  
Assignment Division  
Box Assignments, CG-4  
1213 Jefferson Davis Hwy, Suite 320  
Washington, D.C. 20231

**RESUBMISSION OF ASSIGNMENT**

Dear Sir:

In response to the Notice of Non-Recordation of Document dated November 18, 2002 (copy attached), submitted herewith is Form PTO-2038 authorizing a credit card charge in the amount of \$40.00.

In the event there are any fee deficiencies or additional fees are payable, please charge them, or credit any overpayment, to our Deposit Account No. 502262.

Respectfully submitted,



Dale F. Regelman  
Attorney for Applicant  
Reg. No. 45,625

LAW OFFICE OF  
DALE F. REGELMAN, P.C.  
4231 S. FREMONT AVE.  
TUCSON, ARIZONA 85714

TEL. 520.741.7636  
FAX 520.746.9114

**PATENT**  
**REEL: 013606 FRAME: 0609**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: U.S. Patent and Trademark Office Assignment Division, Box Assignments, CG-4, 1213 Jefferson Davis Hwy, Suite 320, Washington, D.C. 20231 on December 18, 2002 at Tucson, Arizona.

By: 

LAW OFFICE OF  
DALE F. REGELMAN, P.C.  
4231 S. FREMONT AVE.  
TUCSON, ARIZONA 85714

TEL. 520.741.7636  
FAX 520.746.9114

**PATENT**  
**REEL: 013606 FRAME: 0610**



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

NOVEMBER 18, 2002

*12/18/02  
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LAW OFFICES OF DALE F. REGELMAN  
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\*102213328A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 102213328

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

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SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

- 1. A FEE WAS NOT SUBMITTED WITH THIS DOCUMENT. AUTHORIZATION TO CHARGE WAS NOT GRANTED. THE REQUIRED FEE IS \$40 .

STEVEN POST, EXAMINER  
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