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1. Name of conveying party(ies): Execution Date

1) Shah Mohammad Rezaul Islam,	1) March 31, 2005
2) Thomas Charles Jarvis,	2) March 31, 2005
3) Matthew Joseph Kalos, and	3) March 31, 2005
4) Robert Akira Kubo	4) March 31, 2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

International Business Machines Corporation  
Armonk, New York 10504

3. Nature of conveyance:

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4. 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: \_\_\_\_\_

A. Patent Application No.(s): 11/096,317, filed March 31, 2005

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

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6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41).....\$ 40

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Signature

June 16, 2005

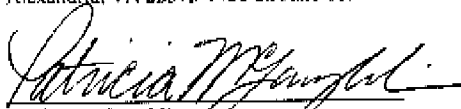
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OMB No. 0651-0011 (exp. 4/94)

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Patricia McLaughlin

6/16/05

Date

MAR 31 2005 11:46 FR IBM-IPL-TUCSON

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P.07/07

Patent Docket: TUC920040109US1

## ASSIGNMENT

Whereas, we

- (1) Shah Mohammad Rezaul Islam of Tucson  
and State of Arizona
- (2) Thomas Charles Jarvis of Tucson  
and State of Arizona
- (3) Matthew Joseph Kalos of Tucson  
and State of Arizona
- (4) Robert Akira Kubo of Tucson  
and State of Arizona

have invented certain improvement in:

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

(1) 3/31, 2005, (2) 3/31, 2005, (3) 3/31, 2005 and (4) 3/31/2005, 2005

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	(1) at <u>TUCSON</u>	<u>Shah Mohammad Rezaul Islam</u>	SIGNATURE
DATE	on <u>MAR 31</u> , 2005	Shah Mohammad Rezaul Islam	INVENTOR
CITY	(2) at <u>TUCSON</u>	<u>Thomas Charles Jarvis</u>	SIGNATURE
DATE	on <u>MAR 31</u> , 2005	Thomas Charles Jarvis	INVENTOR
CITY	(3) at <u>TUCSON</u>	<u>Matthew Joseph Kalos</u>	SIGNATURE
DATE	on <u>3/31</u> , 2005	Matthew Joseph Kalos	INVENTOR
CITY	(4) at <u>TUCSON</u>	<u>Robert Akira Kubo</u>	SIGNATURE
DATE	on <u>3/31</u> , 2005	Robert Akira Kubo	INVENTOR

Page 1 of 1