

08-26-1999

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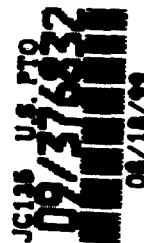
2 SHEET

101128000

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name(s) of conveying party:

Shah Mohammed Rezaul Islam
Vikram Harakere Krishnamurthy
Prasenjit Sarkar



2. Name and address of receiving party:

International Business Machines Corporation
New Orchard Road
Armonk, NY 10504

3. Nature of conveyance: Assignment

Execution Date: (1) July 14, 1999 (2) August 9, 1999 (3) August 4, 1999

4. Application number:

Docket No.: AM9-99-052

If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed): (1) July 14, 1999 (2) August 9, 1999 (3) August 4, 1999

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

John L. Rogitz
Rogitz & Associates
750 B Street, Suite 3120
San Diego, CA 92101

6. Total number of applications involved: 1

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

8. Charge fee to Deposit Account No. 09-0441

08/25/1999 DCOATES 00000151 090441 09376832

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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.

John L. Rogitz
Attorney Name

Signature of Attorney)

8/18/99
Date

ASSIGNMENT

Whereas, we,

- | | | | |
|-----|-------------------------------|------------------------------|--------------------------------|
| (1) | SHAH MOHAMMED REZAUL ISLAM | County of Wake | State of North Carolina |
| | City of Cary | | |
| (2) | VIKRAM HARAKERE KRISHNAMURTHY | County of Durham | State of North Carolina |
| | City of Durham | | |
| (3) | PRASENJIT SARKAR | County of Santa Clara | State of California |
| | City of San Jose | | |

have invented certain improvements in (Title of Invention):

SYSTEM AND METHOD FOR CONCURRENT DISTRIBUTED SNAPSHOT MANAGEMENT

and executed a Declaration and Power of Attorney for a United States patent application therefor on

- | | | | |
|-----|-----------------------|-----|--|
| (1) | <u>July 14, 1999</u> | (2) | |
| (3) | <u>August 4, 1999</u> | | |

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, we, 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 we 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 we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Execution by Inventors

- | | | |
|-----|--|----------------------------|
| (1) | Inventor: SHAH MOHAMMED REZAUL ISLAM | City/State: <u>RTP, NC</u> |
| | Signature <u>Shah Mohammad Rezaul Islam</u> | Dated: <u>7/14/99</u> |
| (2) | Inventor: VIKRAM HARAKERE KRISHNAMURTHY | City/State: _____ |
| | Signature _____ | Dated: _____ |
| (3) | Inventor: PRASENJIT SARKAR | City/State: _____ |
| | Signature <u>Prasenjit Sarkar</u> | Dated: <u>8/4/99</u> |

ASSIGNMENT

Whereas, we,

- (1) **SHAH MOHAMMED REZAUL ISLAM**
City of Cary County of Wake State of North Carolina
- (2) **VIKRAM HAKERE KRISHNAMURTHY**
City of Durham County of Durham State of North Carolina
- (3) **PRASENJIT SARKAR**
City of San Jose County of Santa Clara State of California

have invented certain improvements in (Title of Invention):

SYSTEM AND METHOD FOR CONCURRENT DISTRIBUTED SNAPSHOT MANAGEMENT

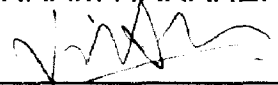
and executed a Declaration and Power of Attorney for a United States patent application therefor on

- (1) _____ (2) August 9, 1999
- (3) _____

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, we, 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 we 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 we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Execution by Inventors

- (1) Inventor: **SHAH MOHAMMED REZAUL ISLAM** City/State: _____
Signature _____ Dated: _____
- (2) Inventor: **VIKRAM HAKERE KRISHNAMURTHY** City/State: Bangalore, INDIA
Signature  Dated: 08-09-1999
- (3) Inventor: **PRASENJIT SARKAR** City/State: _____
Signature _____ Dated: _____