

09-29-1999

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I - PATENTS

To the Honorable Commissioner of
thereof:

d the attached original document(s) or copy

1. Name of conveying party(ies): MRDShah Mohammad Rezaul Islam
Linda Ann Riedle

9-27-99

2. Name and address of receiving party:

INTERNATIONAL BUSINESS MACHINES CORP.
Old Orchard Road
Armonk, New York 10504

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

 Yes XXX No3. Nature of conveyance: XXX Assignment Execution Date: March 31, 19994. Application or patent number(s): Serial No. 09/282,714If this document is being filed together with a new application, the execution date of the application:

TITLE: "COALESCING RAID COMMANDS ACCESSING CONTIGUOUS DATA WRITE-THROUGH MODE"

A. Patent Application No.(s):

B. Patent No.(s):

5. Name and address of party to whom
correspondence concerning document should be
mailed:Martin J. McKinley
INTERNATIONAL BUSINESS MACHINES CORP.
Intellectual Property Law Dept.
Dept. 9CCA/002-2
P. O. Box 12195
RTP, NC 27709-21956. Total number of applications and patents
involved: 17. Total fee (37 CFR 3.41): \$ 40.00

Authorized to be charged to deposit account

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy
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DateTotal number of pages including cover sheet, attachments and document: Mail document(s) to be recorded with required cover sheet information to: 2Assistant Commissioner for Patents
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9-21-99

PATENT

REEL: 010265 FRAME: 0595

04-19-1999



PATENT

JC612 U.S. PRO
09/28/74
01/31/99

ASSISTANT COMMISSIONER FOR PUBLIC AFFAIRS 101016662

Washington, D. C. 20231

Sir:

DOCKET NUMBER: RP9-99-039

Date: March 31, 1999

Transmitted herewith for filing is the Patent Application of:

Inventor(s): Linda A. Riedle et al.

For: **"COALESCING RAID COMMANDS ACCESSING CONTIGUOUS DATA IN WRITE-THROUGH MODE"**

XX 3 Sheets of Drawing(s) are enclosed.

XX 16 Pages of Specification are enclosed.

The filing fee has been calculated for other than a Small Entity:

FOR:	NO. FILED	NO. EXTRA	RATE:	FEE:
BASIC FEE				\$760.00
TOTAL CLAIMS	2 - 20 =		x \$18.00	\$ 0.00
INDEP.CLAIMS	2 - 3 =		x \$78.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM PRESENTED			+ \$270.00	\$
TOTAL FILING FEE >>>>>>>>>>>>>>>>>>>>>				\$760.00

XX Charge my Deposit Account No.09-1990 in the amount of \$ 760.00

XX The Commissioner is hereby authorized to charge payments of (1) any additional filing fees required under 37 CFR 1.16, and/or (2) any patent application processing fees under 37 CFR 1.17 associated with this application or credit any overpayment to Deposit Account No. 09-1990.
A duplicate copy of this sheet is enclosed.

SEND CORRESPONDENCE TO:
IBM Corporation
PC Company Legal Dept.
Dept. 9CCA/Bldg. 002-2
P.O. Box 12195
Research Triangle Park, NC 27709

Respectfully submitted,

By: Martin McKinley
Martin J. McKinley
Registration No. 31,782
Phone: 919-254-2578

RP9-99-039

04/13/1999 PALLIN 00000013 091990 09282714
OP EC:581 40.00 CH

PATENT
REEL: 010265 FRAME: 0596

ASSIGNMENT

Whereas, we,

(1) Shah Mohammad Rezaul Islam
County of WakeOf Cary
State Of North Carolina(2) Linda Ann Riedle
County of WakeOf Apex
State Of North Carolina

have invented certain improvements in

"COALESCING RAID COMMANDS ACCESSING CONTIGUOUS DATA WRITE-THROUGH MODE"

and executed a United States patent application therefor on the following date(s):

(1) 3/31/99 and (2) 3/31/99

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 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 acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on the 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.

Signed and sealed:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>RTP, NC</u>	<u>3/31/99</u>	<u>Shah Mohammad Rezaul Islam</u> Shah Mohammad Rezaul Islam
(2)	<u>RTP, NC</u>	<u>3/31/99</u>	<u>Linda Ann Riedle</u> Linda Ann Riedle