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PATENT

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DOCKET NUMBER: RPS9 2001 0197

EET - PATENTS

To the Honorable Commissioner
thereof:

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1. Name of conveying party(ies):

Richard Christopher Fore
Vikram Harakere Krishnamurthy
Luis Rene Quinones

2. Name and address of receiving party:

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

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

XXX Yes XXX No

03/29/02

11046 U.S. PTO
10/113338
03/29/023. Nature of conveyance: XXX Assignment Execution Date: March 25, 2002.4. Application or patent number(s): RPS9 2001 0197If this document is being filed together with a new application, the execution date of the application: March 25, 2002.TITLE: **Partial Mirroring During Expansion Thereby Eliminating the Need to Track the Progress of Stripes Updated During Expansion**A. Patent Application No.(s): RPS9 2001 0197

B. Patent No.(s):

5. Name and address of party to whom
correspondence concerning document should be
mailed to:Martin J. McKinley
Personal and Printing Systems Group
IBM Intellectual Property Law
MD 9CCA-B002
3039 Cornwallis Road
Research Triangle Park, NC 277096. Total number of applications and patents
involved: 17. Total fee (37 CFR 3.41): \$ 40.00

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Assistant Commissioner for Patents
Box Assignments
Washington, D. C. 20231

RPS9 2001 0197

PATENT
REEL: 012770 FRAME: 0108

ASSIGNMENT

Whereas, we,

Richard Christopher Fore
County of Wake

City of Apex
State of North Carolina

Vikram Harakere Krishnamurthy
County of Durham

City of Durham
State of North Carolina

Luis Rene Quinones
County of Wake

City of Raleigh
State of North Carolina

have invented certain improvements in

TITLE:

**PARTIAL MIRRORING DURING EXPANSION THEREBY ELIMINATING THE NEED TO TRACK THE
PROGRESS OF STRIPES UPDATED DURING EXPANSION**

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

- (1) March 25, 2002, (2) March 25, 2002,
(3) March 25, 2002, and

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:

CITY/STATE

DATE

SIGNATURE

RTP, NC

March 25, 2002


Richard Christopher Fore

RTP, NC

March 25, 2002


Vikram Harakere Krishnamurthy

RTP, NC

March 25, 2002


Luis Rene Quinones