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(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Ravi Prakash
Joan LaVerne Mitchell

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: Sept 11, 2003 and Sept 09, 2003

2. Name and address of receiving party(ies)
Name: International Business Machines Cor
Internal Address: _____

Street Address: _____

City: Armonk State: NY Zip: 10504

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

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) 10/183,386

Additional numbers attached? Yes No

B. Patent No.(s) _____

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: International business Machine Corp
Internal Address: _____

Street Address: 8501 IBM Drive
IP Law Dept / MG90
City: Charlotte State: NC Zip: 28262-4333

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
09-0469

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9. Signature.

Norman L. Gundel, Reg # 30387
Name of Person Signing

Norman L. Gundel 9/15/2003
Signature Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

CH \$40.00 090469 10183386

After Application Filing

IBM Docket No.:CHA9 2001 0025 US1

ASSIGNMENT OF PATENT APPLICATION

Whereas, we;

(1) Inventor's Name: Ravi Prakash City of: Concord
County of: Cabarrus and State/Country of: North Carolina

and (2) Inventor's Name: Joan LaVerne Mitchel City of: Longmont
County of: Boulder and State/Country of: Colorado

have invented certain improvements in: Enhancing compression while transcoding JPEG Images

Application Filing Date: June 28, 2002

Application Number: 10/183,386

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 invention 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.

we: CHARLOTTE

(1) Signed at: Ravi
City

Ravi Prakesh
Signature of Inventor

On: Sept 11, 03
Date

Ravi NMI Prakash
(First Name Middle Initial Last Name)
Typed Name of Inventor

(2) Signed at: Boulder, Co
City

Joan LaVerne Mitchell
Signature of Inventor

On: September 9, 2003
Date

Joan LaVerne Mitchell
(First Name Middle Initial Last Name)
Typed Name of Inventor