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OF COMMERCE



101797127

original documents or copy thereof.

1. Name of conveying party(ies):

Mukund Padmanabhan

Additional name(s) of conveying party(ies) attached? 7-17-01

Yes  No

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

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

3. Nature of conveyance:

Assignment  Merger
 Security Agreement  Change of Name
 Other

Execution Date: June 22, 2001

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) B. Patent No.(s)

09/785,605 filed February 16, 2001

Additional numbers attached? Yes  No

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

Name: Robert J. Mauri
Internal Address: Ryan, Mason & Lewis, LLP
Street Address: 1300 Post Road, Suite 205

City: Fairfield State: CT ZIP: 06430

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

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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.

Robert J. Mauri

Signature

July 17, 2001

Date

Reg. No. 41,180

09/01/2001 ANNEX 00000141 500510 09785605
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**ASSIGNMENT**

Whereas, I

Inventor and City (1) Mukund Padmanabhan of White Plains County of Westchester and State of New York

have invented certain improvements in

TITLE **DETERMINATION AND USE OF SPECTRAL PEAK INFORMATION AND INCREMENTAL INFORMATION IN PATTERN RECOGNITION**

Described in United States patent application Serial No. 09/785,605, filed on February 16, 2001 and executed on

DATE THAT INVENTOR SIGNED THE DECLARATION (1) June 22, 2001.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, I 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 I 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 I hereby agree that IBM 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.

CITY DATE Signed on (1) at Yorktown Heights, NY 2001, (Mukund Padmanabhan) INVENTOR FIRST NAME MIDDLE INITIAL LAST NAME 6/22/2001 SIGNATURE

Ryan, Mason & Lewis, LLP 1300 Post Road, Suite 205 Fairfield, Connecticut 06430 (203) 255-6560