

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)/Execution Date(s):

Milind R. Naphade  
Rong Yan

Execution Date(s) May 15 and 25, 2005

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

### 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

### 2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address: \_\_\_\_\_

Street Address: New Orchard Road

City: Armonk

State: NY

Country: \_\_\_\_\_ Zip: 10504

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

### 4. Application or patent number(s):

A. Patent Application No.(s) 11/131,608

☐ This document is being filed together with a new application.

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: Charles W. Peterson, Jr.

Law Office of Charles W. Peterson, Jr.

Internal Address: \_\_\_\_\_

Street Address: Suite 100

11703 Bowman Green Dr.

City: Reston

State: Virginia Zip: 20190

Phone Number: (703) 481-0532

Fax Number: (703) 481-0585

Email Address: bill@cwpeterson.com

### 6. Total number of applications and patents involved:

1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0510

Authorized User Name Charles W. Peterson, Jr.

### 9. Signature:

  
Signature

May 27, 2005

Date

Charles W. Peterson, Jr.

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 500510 11131608

700183259

PATENT  
REEL: 016284 FRAME: 0629

MAY 16 2005 12:16 FR

TO 917034810585

P.04/05

IBM Docket No: YOR920050055US1

**Assignment**

INVENTOR  
AND CITY

Whereas, I/WE  
Milind R. Naphade  
County of Dutchess  
of Fishkill  
and State of NY

Rong Yan  
County of Allegheny  
of Pittsburgh  
and State of PA

have invented certain improvements in

TITLE

**CROSS DESCRIPTOR LEARNING SYSTEM, METHOD AND PROGRAM PRODUCT THEREFOR**

and executed herewith, a United States patent application therefor;


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 applications 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.

Signed and sealed

CITY AND  
DATE

at HA WTHORNE  
on 5/15/, 2005,

  
\_\_\_\_\_  
Milind R. Naphade  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

Signed and sealed

CITY AND  
DATE

at \_\_\_\_\_  
on \_\_\_\_\_, 2005,

\_\_\_\_\_  
Rong Yan  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

05/18/05 22:05 FAX 412 268 8298

LANG TECHNOLOGIES INST

003

IBM Docket No: YOR920050055US1

**Assignment**

INVENTOR  
AND CITY

Whereas, I/WE

Milind R. Naphade  
County of Dutchess

of Fishkill  
and State of NY

Rong Yan  
County of Allegheny

of Pittsburgh  
and State of PA

have invented certain improvements in

TITLE

**CROSS DESCRIPTOR LEARNING SYSTEM, METHOD AND PROGRAM PRODUCT THEREFOR**

and executed herewith, a United States patent application therefor;

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 applications 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.

Signed and sealed

CITY AND  
DATE

at  
on \_\_\_\_\_, 2005,

\_\_\_\_\_  
Milind R. Naphade  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE..

Signed and sealed

CITY AND  
DATE

at Pittsburgh  
on May. 25, 2005,

\_\_\_\_\_  
Rong Yan  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE