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FORM PTO-1595

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Charu C. Aggarwal and Philip Shi-Lung Yu

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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Execution Date(s): June 19, 2003

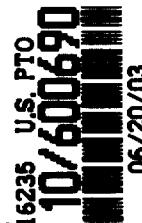
2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

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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:

June 19, 2003

A. Patent Application No.(s)

B. Patent No.(s)

10600690

Additional numbers attached? ☐ Yes ☒ No

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

Name: William E. Lewis

Internal Address: Ryan, Mason & Lewis, LLP

Street Address: 90 Forest Avenue

City: Locust Valley State: NY ZIP: 11560

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.

William E. Lewis

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June 20, 2003

Date

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PATENT
REEL: 014224 FRAME: 0720

ASSIGNMENT

Whereas, we

Inventor
and City(1) **Charu C. Aggarwal**
County of Westchesterof Ossining
and State of New Yorkand (2) **Philip Shi-Lung Yu**
County of Westchesterof Chappaqua
and State of New York

have invented certain improvements in

TITLE

**METHOD AND APPARATUS FOR CLASSIFYING UNMARKED
STRING SUBSTRUCTURES USING MARKOV MODELS**

and executed a United States patent application therefor on

DATE THAT INVENTORS
SIGNED THE
DECLARATION (1) JUNE 19 2003 and (2) JUNE 19 2003.

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, 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 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.

CITY DATE Signed (1) at Hawthorne, NY on June 19 2003, Charu C. Aggarwal SIGNATURE
(Charu C. Aggarwal) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and DATE Signed (2) at Hawthorne, NY on June 19 2003, Philip Shi-Lung Yu SIGNATURE
(Philip Shi-Lung Yu) INVENTOR
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