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525 U.S. PTC
09/369741
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1. Name of conveying party(ies):
Charu C. Aggarwal and Philp S. Yu

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

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

Name: International Business Machines Corporation
Armonk, New York 10504

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: August 5, 1999

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

4. Application number(s) or patent number(s): **09/369,741**
If this document is being filed together with a new application, the execution date of the application is: August 6, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Frank Chau, Esq.
Street Address: F. CHAU & ASSOCIATES, LLP
1900 Hempstead Turnpike, Suite 501
City: East Meadow State: NY Zip: 11554

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. \$3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
50-0510/IBM (Yorktown Heights)
(Attach duplicate copy of this page if paying by deposit account)

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Assignment

Whereas, I/we

INVENTOR
AND CITY

(1) **Charu C. Aggarwal** of **Yorktown Heights**
County of **Westchester** and State of **New York**

INVENTOR
AND CITY

(2) **Philip S. Yu** of **Hawthorne**
County of **Westchester** and State of **New York**

have invented certain improvements in

TITLE

SEMANTIC BASED COLLABORATIVE FILTERING

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on (1) 8/5/99, 1999; and (2) 8/5/99, 1999.

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

(1) at Hawthorne, NY
on August 5, 1999, Charu C. Aggarwal SIGNATURE
(**Charu C. Aggarwal**) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE

(2) at Hawthorne, NY
on August 5, 1999, Philip S. Yu SIGNATURE
(**Philip S. Yu**) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York) ss.:
County of Westchester)

On this 5th day of August 1999, before me INVENTOR personally came **Charu C. Aggarwal** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

Mae K. Lemke
Notary

State of New York) ss.:
County of Westchester)

On this 5th day of August 1999, before me INVENTOR personally came **Philip S. Yu** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

Mae K. Lemke
Notary