

09-28-1999



To the Honorable Commissioner of Patents and Trademarks

101156674

Documents or copy thereof.

1. Name of conveying party(ies):

Jong-Deok Choi  
Manish Gupta  
Mauricio J. Serrano  
Vugranam C. Sreedhar  
Samuel P. Midkiff

Additional names of conveying party(ies) attached:

☐ yes ☒ no

3. Nature of Conveyance

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: July 23, 1999, July 15, 1999, July 23, 1999, July 23, 1999 and July 15, 1999.

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

Name: International Business Machines Corporation

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

Street Address: New Orchard Road

City: Armonk

State: New York Zip: 10504

Additional name(s) & address(es) attached? ☐ yes ☒ no

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

Title: METHOD FOR OPTIMIZING CREATION AND DESTRUCTION OF OBJECTS IN COMPUTER PROGRAMS

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_

A. Patent Application No(s). 09/354,140 filed on July 16, 1999

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

Additional numbers attached? ☐ Yes ☒ No

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

Joni D. Stutman, Esq.  
Whitham, Curtis & Whitham  
Reston International Center  
11800 Sunrise Valley Drive, Suite 900  
Reston, Virginia 20191

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

☒ Total fee due

☒ Any deficiencies in the enclosed fees

8. Deposit account number:

50-0510/IBM (Yorktown Heights)

09/27/1999 MTHAI1 00000133 500510 09354140

01 FC:581 40.00 CH

DO NOT USE THIS SPACE

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.

Joni D. Stutman  
Registration 42,173  
Tel.: (703) 391-2510

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

Docket No.: YO9-99-268

# ASSIGNMENT

*Whereas, we*

Inventor and city	(1) Jong-Deok Choi State of New York	City of Mount Kisco County of Westchester
	(2) Manish Gupta State of New York	City of Peekskill County of Westchester
	(3) Mauricio J. Serrano State of California	City of San Jose County of Santa Clara
	(4) Vugranam C. Sreedhar State of New York	City of Whiteplains County of Westchester
	(5) Samuel Pratt Midkiff State of New Jersey	City of Upper Saddle River County of Bergen

have invented certain improvements in

TITLE **METHOD FOR OPTIMIZING CREATION AND DESTRUCTION OF OBJECTS IN COMPUTER PROGRAMS**

and have executed, respectively, a United States patent application therefor on

DATE THAT  
INVENTOR  
SIGNED THE  
DECLARATION

(1) July 23, 1999,  
(2) July 15, 1999,  
(3) July 23, 1999,  
(4) July 23, 1999,  
(5) July 15, 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 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.

CITY  
DATE

(1) Signed and sealed  
at Hawthorne  
on July 23, 1999.

Jong-Deok Choi  
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE  
INVENTOR

On this 23 day of July 1999, before me personally came  
(1) INVENTOR Jong-Deok Choi 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.

State of New York  
Notary Public, State of New York  
No. 01VA6022977  
Qualified in Westchester County  
Commission Expires April 12, 2001

Mary E. Van Ginhoven  
Notary

Docket No.: Y09-99-268

(2) Signed and sealed  
CITY at Yorktown Hgts., NY  
DATE on July 15, 1999. Manish Gupta SIGNATURE  
Manish Gupta INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

On this 15th day of July 1999 before me personally came  
(2) INVENTOR Manish Gupta 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.

State of New York  
County of Westchester

Lucille Fourgeot  
Notary  
LUCILLE FOURGEOT  
NOTARY PUBLIC, State of New York  
No. 4502670  
Qualified in Westchester County  
Commission Expires 06/30/2000

(3) Signed and sealed  
CITY at  
DATE on 1999. Mauricio J. Serrano SIGNATURE  
Mauricio J. Serrano INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

On this 23 day of July 1999 before me personally came  
(3) INVENTOR Mauricio J. Serrano 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.

State of NY  
County of Westchester

Mary E. Van Ginhoven  
Notary  
MARY E. VAN GINHOVEN  
Notary Public, State of New York  
No. 01VA6022977  
Qualified in Westchester County  
Commission Expires April 12, 2001

(4) Signed and sealed  
CITY at  
DATE on 1999. V. C. Sreedhar SIGNATURE  
Vugranam C. Sreedhar INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

On this 23 day of July 1999 before me personally came  
(4) INVENTOR Vugranam C. Sreedhar 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.

State of NY  
County of Westchester

Mary E. Van Ginhoven  
Notary  
MARY E. VAN GINHOVEN  
Notary Public, State of New York  
No. 01VA6022977  
Qualified in Westchester County  
Commission Expires April 12, 2001

(5) Signed and sealed  
CITY at Yorktown Hgts., NY  
DATE on July 15, 1999. Samuel P. Midkiff SIGNATURE  
Samuel P. Midkiff INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

On this 15th day of July 1999 before me personally came  
(5) INVENTOR Samuel P. Midkiff 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.

State of New York  
County of Westchester

Lucille Fourgeot  
Notary

LUCILLE FOURGEOT  
NOTARY PUBLIC, State of New York  
No. 4502670  
Qualified in Westchester County  
Commission Expires 06/30/2000