

12-23-1999

Docket No. YO998-504

RE

101231094

IT

PATENTS ONLY

MCD 12.3.99

To The Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Lawrence D. Bergman
Michell Y-Y. Kim
Chung-Sheng Li
Rakesh Mohan
John R. Smith

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

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

Name: International Business
Machines Corporation
Address: New Orchard Road
Armonk, NY 10504

Additional name(s) & addresses
attached? Yes X No

3. Nature of conveyance:

X Assignment

Execution Date(s): December 2, 3, 1999

4. Patent Application number(s)

09/456 031

Execution Date(s): December 3, 1999

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

Name: Wayne L. Ellenbogen
IBM Corporation
Intellectual Property Law
P.O. Box 218
Yorktown Heights, NY 10598

6. Total number of applications involved: 1

7. Total fee (37 CFR 3.41): \$40.00

X Charge to Deposit Account No.:
09-0468

DO NOT USE THIS SPACE

8. 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 original document.

Wayne L. Ellenbogen (Reg. No. 43,602)

Wayne L. Ellenbogen

12/3/99

Name of Person Signing

Signature

Date

Total Number of pages including cover sheet,
attachments, and document: 4

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Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, DC 20231

12/22/1999 DMGUYEN 00000197 090468

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PTO
09/456031
JC542 U.S.

12/03/99

PATENT
REEL: 010448 FRAME: 0352

Assignment

Whereas, we

INVENTOR
AND CITY(1) Lawrence D. Bergman
County of Westchesterof Mt. Kisco
and State of New YorkINVENTOR
AND CITY(2) Michelle Y-Y. Kim
County of Westchesterof Scarsdale
and State of New YorkINVENTOR
AND CITY(3) Chng-Sheng Li
County of Westchesterof Ossining
and State of New YorkINVENTOR
AND CITY(4) Rakesh Mohan
County of Fairfieldof Stamford
and State of ConnecticutINVENTOR
AND CITY(5) John R. Smith
County of Nassauof New Hyde Park
and State of New York

TITLE

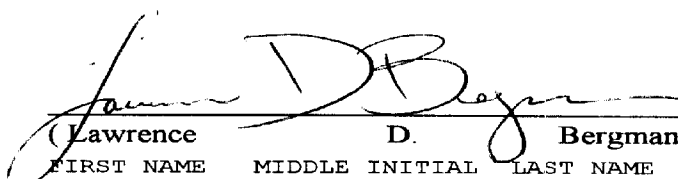
have invented certain improvements in
MULTIMEDIA CONTENT DESCRIPTION FRAMEWORKDATES THAT
INVENTORS
SIGNED THE
DECLARATIONand executed, respectively, a United States patent application therefor on
(1) December 2, 1999, and (2) December 2, 1999,
(3) December 2, 1999 and (4) December 3, 1999, and
(5) December 2, 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

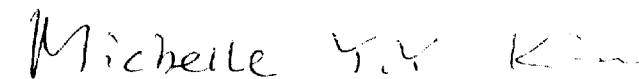
Signed and sealed

CITY AND
DATE(1) at Yorktown Hgts., NY
on December 2, 1999,

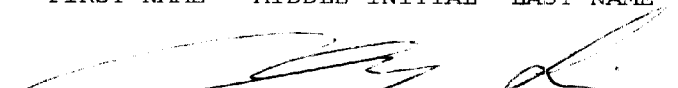
 SIGNATURE
(Lawrence D. Bergman) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(2) at Yorktown Hgts., NY
on December 2, 1999,


 SIGNATURE
(Michelle Y-Y. Kim) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND
DATE(3) at Yorktown Hgts., NY
on December 2, 1999,

 SIGNATURE
(Chung-Sheng Li) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(4) at Yorktown Hgts., NY
on December 3, 1999,


(Rakesh Mohan) SIGNATURE INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

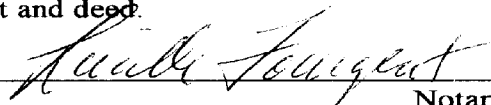
CITY AND
DATE

(5) at Yorktown Hgts., NY
on December 2, 1999,


(John R. Smith) SIGNATURE INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

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

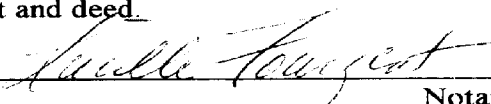
INVENTOR (1) On this 2nd day of December 1999, before me personally came Lawrence D. Bergman to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.



Notary
LUCILLE FOURGEOT
NOTARY PUBLIC, State of New York
No. 4502670
Qualified in Westchester County
Commission Expires 06/30/2001

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

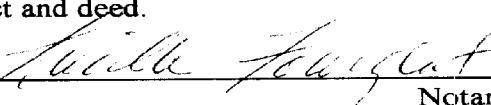
INVENTOR (2) On this 2nd day of December 1999, before me personally came Michelle Y-Y. Kim to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.



Notary
LUCILLE FOURGEOT
NOTARY PUBLIC, State of New York
No. 4502670
Qualified in Westchester County
Commission Expires 06/30/2001

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


INVENTOR (3) On this 2nd day of December 1999, before me personally came Chung-Sheng Li 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.



Notary
LUCILLE FOURGEOT
NOTARY PUBLIC, State of New York
No. 4502670
Qualified in Westchester County
Commission Expires 06/30/2001

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

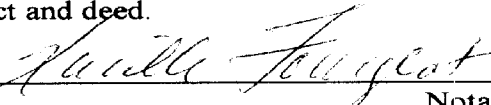
INVENTOR (4) On this 3rd day of December 1999, before me personally came Rakesh Mohan to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.



Notary
LUCILLE FOURGEOT
NOTARY PUBLIC, State of New York
No. 4502670
Qualified in Westchester County
Commission Expires 06/30/2001

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

INVENTOR (5) On this 2nd day of December 1999, before me personally came John R. Smith 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.



Notary
LUCILLE FOURGEOT
NOTARY PUBLIC, State of New York
No. 4502670
Qualified in Westchester County
Commission Expires 06/30/2001