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2.22.99

ocket No.: YO998-500 (12125)

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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03-03-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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Tab settings

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

1. Name of conveying party(ies):

Caroline D. Benveniste
Peter A. Franaszek
John T. Robinson
Charles O. Schultz

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

Name: International Business Machines Corporation

Address: New Orchard Road

City: Armonk

State/Prov.: NY

Country: USA

ZIP: 10504

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: February 15/16, 1999

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: February 15/16, 1999

Patent Application No.

Filing date

B. Patent No.(s)

09/256572

03/03/1999 SBURNS 00000034 500510 09256572

01 FC:581

40.00 CH

Additional numbers

☐ Yes ☒ No

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

Name: Richard L. Catania

Registration No. 32,608

Address: SCULLY, SCOTT, MURPHY & PRESSER

400 Garden City Plaza

City: Garden City State/Prov.: NY

Country: USA ZIP: 22530

6. Total number of applications and patents involved:

1

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

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0510/IBM

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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.

Richard L. Catania, Reg. No. 32,608

Name of Person Signing

Signature

February 23, 1999

Date

Total number of pages including cover sheet, attachments, and

3

PATENT

REEL: 9786 FRAME: 0891

(JOINT FORM)
(MORE THAN TWO)

Page 1 of 2

Assignment

Whereas, we

Inventor
and City

(1) Caroline D. Benveniste
County of New York

of New York
and State of New York

and (2) Peter A. Franaszek
County of Westchester

of Mt. Kisco
and State of New YorkX

and (3) John T. Robinson
County of Westchester

of Yorktown Heights
and State of New York

and (4) Charles O. Schulz
County of Fairfield

of Ridgefield
and State of Connecticut

have invented certain improvements in

TITLE DIRECTORY CACHE FOR INDIRECTLY ADDRESSED MAIN MEMORY

and executed, respectively, a United States patent application therefor on
DATES THAT (1) February 15, 1999, and (2) February 15, 1999, and (3) February 15, 1999, and
INVENTORS (4) 2/16 1999.
SIGNED THE
DECLARATION

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 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.

Signed and sealed							
CITY	(1) at Yorktown Hgts., NY	<u>Caroline D. Benveniste</u>		SIGNATURE			
DATE	on February 15,	1999,	(Caroline D. Benveniste)	INVENTOR			
			FIRST NAME MIDDLE INITIAL LAST NAME				
Signed and sealed							
CITY	(2) at Yorktown Hgts., NY	<u>Peter A. Franaszek</u>		SIGNATURE			
DATE	on February 15,	1999,	(Peter A. Franaszek)	INVENTOR			
			FIRST NAME MIDDLE INITIAL LAST NAME				
Signed and sealed							
CITY	(3) at Yorktown Hgts., NY	<u>John T. Robinson</u>		SIGNATURE			
DATE	on February 15,	1999,	(John T. Robinson)	INVENTOR			
			FIRST NAME MIDDLE INITIAL LAST NAME				
Signed and sealed							
CITY	(4) at Hawthorne, NY	<u>Charles O. Schulz</u>		SIGNATURE			
DATE	on February 16,	1999,	(Charles O. Schulz)	INVENTOR			
			FIRST NAME MIDDLE INITIAL LAST NAME				

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

INVENTOR (1) On this 15th day of February 1999, before me personally came
Caroline D. Benveniste 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.

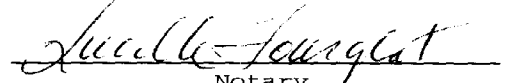
Lucille Fourgeot
Notary

LUCILLE FOURGEOT
NOTARY PUBLIC, State of New York
No. 4502670
Queens County
Commission Expires 06/12/99

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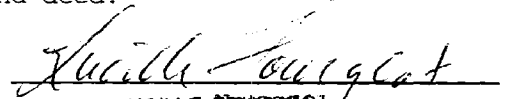
State of New York) SS.:
County of Westchester)

INVENTOR (2) On this 15th day of February 1999, before me personally came Peter A. Franaszek 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 06/2/99

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

INVENTOR (3) On this 15th day of February 1999, before me personally came John T. Robinson 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.


LUCILLE FOURGEOT
NOTARY PUBLIC, State of New York
No. 4502670
Qualified in Westchester County
Commission Expires 06/2/99

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

INVENTOR (4) On this 16th day of February 1999, before me personally came Charles O. Schulz 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

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