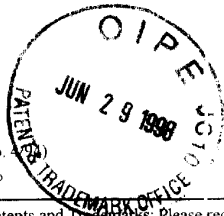


FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4-98)
Docket No. - LO9-97-026



07-14-1998



100763390

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- 1) Grace Francisco
- 2) Michael Scott Goldberg

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Armonk, New York 10504

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Name: David W. Victor, Esq.
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07/14/1998 DCDATES 00000072 122158 08/91323

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PATENT
REEL: 9299 FRAME: 0059

ASSIGNMENT

Docket No. L0997026

Whereas, we

INVENTOR
AND CITY

(1) **Grace Francisco**
County of **Santa Clara**

of **San Jose,**
and State of **California,**

and (2) **Michael Scott Goldberg**
County of

of **Incline Village,**
and State of **Nevada,**

have invented certain improvements in

TITLE

ACCESSING A RELATIONAL DATABASE OVER THE INTERNET USING MACRO LANGUAGE FILES

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) June 10, 1998, (2) _____, 1998.

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

CITY
DATE

(1) at San Jose
on June 10, 1998,

Grace Francisco
Grace Francisco

SIGNATURE
INVENTOR

CITY
DATE

and (2) at _____
on _____, 1998,

Michael Scott Goldberg

SIGNATURE
INVENTOR

ASSIGNMENT

Docket No. L0997026

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

(1) _____, 1998, (2) May 19, 1998.

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

CITY
DATE

(1) at _____
on _____, 1998,

Grace Francisco

SIGNATURE
INVENTOR

CITY
DATE

and (2) at _____
on May 19, 1998,

Michael Scott Goldberg

SIGNATURE
INVENTOR