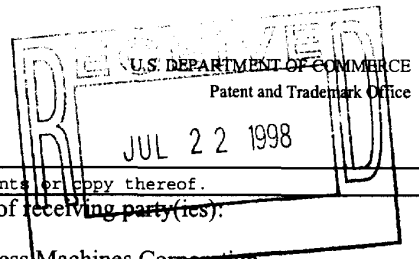


07-27-1998



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FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
Docket - ST9-98-007



med 7-21-98

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1. Name of conveying party(ies): Bach Dinh Doan Shyh-Mei Fang Ho	2. Name and address of receiving party(ies): International Business Machines Corporation Armonk, New York 10504
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Execution Date: July 9, 1998

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

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

A. Patent Application No.(s) U.S.S.N. 09/070,528 Filed April 30, 1998	B. Patent No.(s)
---	------------------

5. Name and address of party to whom correspondence concerning document should be mailed: Name: George H. Gates, Esq. Address: GATES & COOPER 6701 Center Drive West, Suite 1050 Los Angeles, CA 90054	6. Total number of applications and patents involved: One 7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account No. 09-0460 of I.B.M. Corporation, assignee of the present application. 8. Please charge any additional fees or credit any overpayments to Deposit Account No. 09-0460.
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PATENT
REEL: 9337 FRAME: 0156

ASSIGNMENT

Docket No. ST998007

Whereas, we

INVENTOR
AND CITY

(1) **Bach Dinh Doan**
County of **Santa Clara**
and (2) **Shyh-Mei Fang Ho**
County of **Santa Clara**

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

have invented certain improvements in

TITLE

AN OBJECT-ORIENTED PROGRAMMING MODEL FOR ACCESSING HIERARCHICAL DATABASES,
Filed on April 30, 1998, now U.S. Serial Number 09/070,528

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on
(1) July 9, 1998, (2) July 9, 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, CA
on July 9, 1998,



Bach Dinh Doan

SIGNATURE
INVENTOR

CITY
DATE

and (2) at San Jose, CA
on July 9, 1998,



Shyh-Mei Fang Ho

SIGNATURE
INVENTOR