

06-04-1998

DOCKET: SA997179



US Department of Commerce
Patent & Trademark Office

100727036

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

MEP 5-15-98

JCS49 U.S. PTO
09/079913
05/15/98

1. Name of conveying party(ies):
 Juan Li
 Dung K. Nguyen
 Mien Shih
 Hai-Fang yun

2. Name and address of receiving party(ies):
 Name: International Business
 Machines Corporation
 Street Address: New Orchard Road
 City: Armonk State: NY ZIP: 10504

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

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance: May 14, 1998, May 14, 1998
 XX Assignment Execution Date: May 14, 1998, May 14, 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: May 14, 1998, May 14, 1998, May 14, 1998 & May 14, 1998.

Patent Application No.(s) 09/079913
 B. Patent No.(s)
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: IBM Corporation
 Internal
 Address: Intellectual Property Law
 Street
 Address: 5600 Cottle Road (L2PA/0142)
 San Jose, CA 95193

6. Total Number of applications and patents involved: One

7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: 09-0466

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.

Esther E. Klein May 15, 1998
 Esther E. Klein Date
 Total number of pages including cover sheet, attachments, and document: 2

PATENT
REEL: 9203 FRAME: 0209

ASSIGNMENT

Docket No. SA997179

Whereas, we

INVENTOR
AND CITY

(1) Juan Li of San Jose,
County of Santa Clara and State of California,
and (2) Dung K. Nguyen of San Jose,
County of Santa Clara and State of California,
and (3) Mien Shih of Saratoga,
County of Santa Clara and State of California,
and (4) Hai-Fang yun of San Jose,
County of Santa Clara and State of California,

have invented certain improvements in

TITLE

System And Method For Recovering A Directory For A Log Structured Array

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on
(1) 5/14, 1998, (2) 5/14, 1998, (3) 5/14, 1998,
(4) 5/14, 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 and sealed

CITY
DATE

(1) at San Jose
on 5/14, 1998,

Juan Li SIGNATURE
Juan Li INVENTOR

CITY
DATE

and (2) at San Jose
on 5/14, 1998,

Dung K. Nguyen SIGNATURE
Dung K. Nguyen INVENTOR

CITY
DATE

and (3) at San Jose
on 5/14, 1998,

Mien Shih SIGNATURE
Mien Shih INVENTOR

CITY
DATE

and (4) at San Jose
on 5/14, 1998,

Hai-Fang yun SIGNATURE
Hai-Fang yun INVENTOR

IBM CONFIDENTIAL

RECORDED: 05/15/1998

PATENT
REEL: 9203 FRAME: 0210