

03-04-2002



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

02/15/02

1. Name of conveying party(ies):

- a) Felipe Knop g) _____
- b) Tseng-Hui Lin h) _____
- c) _____ i) _____
- d) _____ j) _____
- e) _____ k) _____
- f) _____ l) _____

More names attached? Y N

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

Name: **INTERNATIONAL BUSINESS MACHINES CORPORATION**
 Address: New Orchard Road
 Armonk, NY 10504

More names attached? Y N

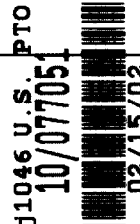
3. Nature of Conveyance: Assignment

4. Application number: _____ Filed: _____
 Filed with new application: yes no

Execution date(s):

- a) February 14, 2002 g) _____
- b) February 14, 2002 h) _____
- c) _____ i) _____
- d) _____ j) _____
- e) _____ k) _____
- f) _____ l) _____

Additional numbers attached? Y N



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

Name: Lawrence D. Cutter, Attorney
 IBM Corporation, IP Law Dept.
 2455 South Rd., M/S P386
 Poughkeepsie, NY 12601
 Reg. No. 28,501
 (845) 433-1172

6. Total # of applications and patents involved: 01

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

8. Charge to Deposit Account
09-0463 (IBM).

(2 documents)

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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.

Susan L. Phelps

Susan Phelps
 Signature

2/15/2002
 Date

Total number of pages including cover sheet, attachments, and document: 3

Express Mail Label No. (if applicable): ET089968994US Docket No.: POU920020018US1

03/01/2002 6TOM11 00000328 090463 10077051

01 FC:581

40.00 CH

PATENT REEL: 012614 FRAME: 0370

A S S I G N M E N T

Whereas, We

Inventor (1)	FELIPE KNOP County of Dutchess	and	of Poughkeepsie, and State of New York,
Inventor (2)	TSENG-HUI LIN County of Travis		of Austin, and State of Texas.

have invented certain improvements in **METHOD FOR CONTROLLING GROUP MEMBERSHIP IN A DISTRIBUTED MULTINODE DATA PROCESSING SYSTEM TO ASSURE MUTUALLY SYMMETRIC LIVENESS STATUS INDICATIONS**

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

(1) 02/14/2002, and (2) _____.

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, and, 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 and Trademarks 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

(1) at Poughkeepsie, NY
on 02/14/2002

Felipe Knop
FELIPE KNOP

(2) at Austin, TX
on _____

TSENG-HUI LIN

Docket No.: **PO09200200180S1**
Page 1 of 1

A S S I G N M E N T

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

(1) _____, and (2) Feb. 14, 2002

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, 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 and Trademarks 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

(1) at Poughkeepsie, NY
on _____

(2) at Austin, TX
on Feb. 14, 2002

FELIPE KNOP

Tseng-Hui Lin

TSENG-HUI LIN