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b) Tseng-Hui Lin	g) h) i) j) k)	MACHINES CORPORATION Address: New Orchard Road
More names attac		More names attached? Y x N
3. Nature of Conveyan	ce: <u>x</u> Assignment	O E
4. Application number Filed with new ap Execution date(s):	: Filed: plication: X yes no	
a) February 14, 2 b) February 14, 2 c) d) e) f) Addit	002 h) i) j)	
concerning documen Name: Lawrenc IBM Cor 2455 So Poughke Reg. No	f party to whom correspondent should be mailed: The D. Cutter, Attorney appration, IP Law Dept. The Duth Rd., M/S P386 The Party Par	ence 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 Usuments)
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40.00 CH		PATENT

Docket No.: POU920020018US1

Page 1 of 1

ASSIGNMENT

Whereas, We

Inventor	(1)	FELIPE County	KNOP of Dutchess			ghkeepsie, ate of New	York,
Inventor	(2)		HUI LIN of Travis	and	of Aus and St	stin, ate of Texa	s.
have invo IN A DIS LIVENESS	TRIBU'	CED MULI	n improvement TINODE DATA P CATIONS	s in METHOI ROCESSING S) FOR CONTROI SYSTEM TO ASS	LING GROUP SURE MUTUALL	MEMBERSHIP Y SYMMETRIC
		_	tively, a Uni	ted States	patent appli	cation ther	efor on
(1)	114.	/2002_	, a	nd (2)		•	
York, had called I said app to be obtained its successful cates at the issue applicate may applicate	ving a BM,) of licat: ereford dged, essors ion and s, and pplication to y for	a place desires ion and theres and the and as addinvers ation, atters of IBM, if foreignary in the street at the street at the street are in the street are	onal Business of business to acquire to invention, a for; a valuable of the above name ssigns, the e ntion therein ights of price and we reques Patent grant its successor tonnection wi do so by IBM.	at Armonk, the entire resident to any to consideration the disclosed ority result the Committed upon the seand assignment on said the the Unit	New York 105 right, title Inited States on, receipt we sell, assign, to title and for the United from the ting from the inventions ons; and we have the invention of the inventi	ond, (herein and interest and transfinterest in ted States are filing of set forth intereby agreement we will	eafter it in the in patents ereby er to IBM, the said ind foreign said United Trademarks in said that IBM execute all
Signed							
			sie, NY <u>/2002</u>		FELIPE KNOP	Mr	
(2)	it Au	stin, T	x		TSENG-HUI L	IN	
,	. n						

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Docket No.: P00920020018031
Page 1 of 1

ASSIGNMENT

Whereas, We

Inventor (1) FELIPE KNOP

County of Dutchess

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 MBTHOD FOR CONTROLLING GROUP MEMBERSHIP IN A DISTRIBUTED MOLTINODE DATA PROCESSING SYSTEM TO ASSURE MUTUALLY SYMMETRIC LIVENESS STATUS INDICATIONS

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

and

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

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	FELIPE KNOP
		Jong-Hur Li
(2)	at Austin, TX	
	on Feb. 14, 2002	TSENG-HUI LIN

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RECORDED: 02/15/2002