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01-25-1999



049906 's ONLY

RECORDA 100949906

... nonorable Commissioner of ratents and Trademarks. Please record the attached

U.S. Department of Commerce

original documents or copy thereof.	
1. Name of conveying party(ies): a) Kirby G. Dahman g) b) Gavin S. Johnson h) c) Larry R. Perry i) d) Harry M. Yudenfriend j) e) k) f) 1)	2. Name and address of receiving party(ies): Name: INTERNATIONAL BUSINESS MACHINES CORPORATION Address: New Orchard Road Armonk, NY 10504
More names attached? Y x N	More names attached?Y _x_N
3. Nature of Conveyance: x Assignment	
4. Application number: 09/181,704 Filed: 10/29/98 Filed with new application: yes _x _ no Execution date(s): a) December 23, 1998	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Lily Neff IBM Corporation Intellectual Property Law 522 South Road, M/S P386 Poughkeepsie NY 12601-5400	6. Total # of applications and patents involved: 01 7. Total fee (37 CFR 3.41): \$ 40.00 8. Charge to Deposit Account 09-0463.
DO NOT USE THIS SPACE	
9. Statement and Signature: To the best of my known information is true and correct and any attached original document. Susan L. Phelps Signature	
Total number of pages including cover sheet, attachments, and cument: _3	
Express Mail Label No. (if applicable):	Docket No.: P09-98-175

REEL. 9706 FRAME: 0133

ASSIGNMENT

Whereas, we

(1) Kirby G. Dahman County of Pima

of Tuscon and State of Arizona

(2) Gavin S. Johnson County of Monterey

of Aromas and State of California

(3) Larry R. Perry County of Santa Clara and State of California

of Gilroy

and

(4) Harry M. Yudenfriend County of Dutchess

of Poughkeepsie and State of New York

have invented certain improvements in

SYSTEM OF REPOSITIONING AN INPUT/OUTPUT DEVICE WITHOUT KNOWLEDGE OF CURRENT POSITIONING OF THE DEVICE

and executed a United States Patent Application therefor on

(1) 12-23-98, (2) 17/7/98, (3) 17/9/98 and

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 the 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 Patents granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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 (City, State)
on SAN JOSE Gavin S. Johnson (2)

(3)

PATENT REEL: 9706 FRAME: 0134

RECORDED: 01/21/1999

4)

PATENT REEL: 9706 FRAME: 0135